

Growth of Urban Peripheries with Reference to Inconsistent Spatial Planning Policies: South-east Amman as case study. /

Amr, Alia'a; Saad, Magdy .

In: European International Journal of Science and Technology, Vol. 4, No. 3, 3, 03.2015, p. 54-68.

Research output: Contribution to journal › Article › Scientific

Mezhdunarodnaya konferencija po pozicionirovaniyu i navigacii vnutri pomeshhenij. / Piche, Robert Adrien.

In: Giroskopiya I Navigatsiya, Vol. 88, No. 1, 2015, p. 122-124.

Research output: Contribution to journal › Article › Scientific

Real-time measurements of dissipative solitons in a mode-locked fiber laser. / Ryczkowski, P.; Närhi, M.; Billet, C.;

Merolla, J. -M.; Genty, G.; Dudley, J. M.

In: arXiv eprint, 26.06.2017.

Research output: Contribution to journal › Article › Scientific

Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid. /

Messo, Tuomas; Roinila, Tomi; Aapro, Aapo; Luhtala, Roni.

In: IEEE JOURNAL OF INDUSTRY APPLICATIONS, Vol. 8, No. 3, 3, 01.02.2019.

Research output: Contribution to journal › Article › Scientific › peer-review

A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development. / Huhtelin, Mervi;

Nenonen, Suvi.

In: Procedia Economics and Finance, Vol. 21, 2015, p. 137 - 145.

Research output: Contribution to journal › Article › Scientific › peer-review

Acquisition of E5 Galileo signals in Matlab. / Stepanova, Ekaterina; Kudryavtsev, Ilya; Lohan, Elena-Simona.

In: Procedia Engineering, Vol. 104, 2015, p. 36-42.

Research output: Contribution to journal › Article › Scientific › peer-review

A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students. / Chaudhary, Sunil; Zhao, Yan; Berki, Eleni; Valtanen, Juri; Li, Linfeng; Helenius, Marko ; Mystakidis, Stylianos .

In: IADIS International Journal on WWW/Internet, Vol. 13, No. 1, 2015, p. 57-71.

Research output: Contribution to journal › Article › Scientific › peer-review

Adaptive fuzzy inference system based directional median filter for impulse noise removal. / Habib, Muhammad; Hussain, Ayyaz; Rasheed, Saqib; Ali, Mubashir.

In: AEU International Journal of Electronics and Communication, Vol. 70, No. 5, 01.05.2016, p. 689-697.

Research output: Contribution to journal › Article › Scientific › peer-review

Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland. / Leivo, Virpi ; Kivistö, Mihkel; Aaltonen, Anu ; Turunen, Mari; Haverinen-Shaughnessy, Ulla.

In: Energy Procedia, Vol. 78C, 78C, 2015, p. 1218-1223.

Research output: Contribution to journal › Article › Scientific › peer-review

Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells. / Rojas, Vania; Martinez, Francisco; Bernede, Jean Christian; Guenadez, Linda Cattin; Efimov, Alexander; Lemmetyinen, Helge.

In: Materials Sciences and Applications, Vol. 8, No. 5, 05.2017, p. 405-417.

Research output: Contribution to journal › Article › Scientific › peer-review

Analysis of outdoor and indoor propagation at 15 GHz and millimeter wave frequencies in microcellular environment. /

Sheikh, Muhammad Usman; Lempiäinen, Jukka.

In: Advances in Science, Technology and Engineering Systems, Vol. 3, No. 1, 2018, p. 160-167.

Research output: Contribution to journal › Article › Scientific › peer-review

Architecture beyond signs and symbols : Zumthor's response to the problems of aesthetics. / Passinmäki, Pekka .

In: ARQ-Architectural Research Quarterly, Vol. 19, No. 4, 12.05.2016, p. 325-328.

Research output: Contribution to journal › Article › Scientific › peer-review

Assessing coupling dynamics from an ensemble of time series. / Gómez-Herrero, Germán; Wu, Wei; Rutanen, Kalle; Soriano, Miguel C.; Pipa, Gordon; Vicente, Raul.

In: Entropy, Vol. 17, No. 4, 2015, p. 1958-1970.

Research output: Contribution to journal › Article › Scientific › peer-review

Assessing the usefulness of an early idea development tool among experienced researchers. / Saari, Ulla; Aarikka-Stenroos, Leena; Boedecker, Stina; Köppä, Leena; Langwaldt, Jörg.

In: CERN IdeaSquare Journal of Experimental Innovation, Vol. 1, No. 2, 22.12.2017, p. 3-8.

Research output: Contribution to journal › Article › Scientific › peer-review

Automatization and stress analysis data of CoCr laser weld fatigue tests. / Kanerva, M.; Besharat, Z.; Pärnänen, T.; Jokinen, J.; Honkanen, M.; Sarlin, E.; Göthelid, M.; Schlenzka, D.

In: Data in Brief, Vol. 26, 104374, 01.10.2019.

Research output: Contribution to journal › Article › Scientific › peer-review

Building new computational models to support health behavior change and maintenance : new opportunities in behavioral research. / Spruijt-Metz, Donna; Hekler, Eric; Saranummi, Niilo; Intille, Stephen; Korhonen, Ilkka; Nilsen, Wendy; Rivera, Daniel E.; Spring, Bonnie; Michie, Susan; Asch, David A.; Sanna, Alberto; Salcedo, Vicente Traver; Kukakfa, Rita; Pavel, Misha.

In: Translational Behavioral Medicine, Vol. 5, No. 3, 17.09.2015, p. 335-346.

Research output: Contribution to journal › Article › Scientific › peer-review

Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling. / Yli-Hietanen, Jari; Ylipää, Antti; Yli-Harja, Olli.

In: Chinese Journal of Cancer, Vol. 34, No. 10, 12, 11.04.2015.

Research output: Contribution to journal › Article › Scientific › peer-review

Cold-formed RHS T joints with initial geometrical imperfections. / Garifullin, M.; Bronzova, M. K.; Heinisuo, M.; Mela, K.; Pajunen, S.

In: Magazine of Civil Engineering, Vol. 80, No. 4, 2018, p. 81-94.

Research output: Contribution to journal › Article › Scientific › peer-review

Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation. / Teymouri, Shokoufeh; Calejo, Maria Teresa; Hiltunen, Maiju; Sorkio, Anni E.; Juuti-Uusitalo, Kati; Skottman, Heli; Kellomäki, Minna.

In: Cogent Chemistry, Vol. 3, No. 1, 06.03.2017.

Research output: Contribution to journal › Article › Scientific › peer-review

Comparative investigation of remote tracking devices for aging care. / Munir, M. W.; Shahid, N.; Omair, S. M.; Munir, G.; UI Haque, M. Z.

In: INTERNATIONAL JOURNAL OF INFORMATION TECHNOLOGY, Vol. 9, No. 3, 01.09.2017, p. 261-266.

Research output: Contribution to journal › Article › Scientific › peer-review

Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments. / Alexandru, Rusu-Casandra; Lohan, Elena-Simona.

In: Procedia Engineering, Vol. 100, No. C, 2015, p. 1294-1300.

Research output: Contribution to journal › Article › Scientific › peer-review

Core Project Team As a Management Entity for Construction Projects. / Keinänen, Marko; Kähkönen, Kalle.

In: In_bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management, Vol. 9, No. 13, 2018, p. 208-217.

Research output: Contribution to journal › Article › Scientific › peer-review

Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools. / Vainio, Teija; Walsh, Tanja; Varsaluoma, Jari.

In: IADIS International Journal on WWW/Internet, Vol. 12, No. 1, 2015, p. 81-93.

Research output: Contribution to journal › Article › Scientific › peer-review

Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters. / Róg, Tomasz; Orłowski, Adam; Llorente, Alicia; Skotland, Tore; Sylvänne, Tuulia; Kauhanen, Dimple; Ekroos, Kim; Sandvig, Kirsten; Vattulainen, Ilpo.

In: Data in Brief, Vol. 7, 01.06.2016, p. 1171-1174.

Research output: Contribution to journal › Article › Scientific › peer-review

Design: A Key Stage of Product Lifecycle. / Bernard, Alain; Coatanea, Eric; Christophe, François; Laroche, Florent.

In: Procedia CIRP, Vol. 21, 2014, p. 3-9.

Research output: Contribution to journal › Article › Scientific › peer-review

Development of chip-surface stimulus electrode array for fully-implantable subretinal prosthesis chip. / Sasaki, Yuichiro; Suzuki, Takuji; Iwagami, Takuma; Tani, Takaharu; Naganuma, Hideki; Kino, Hisashi; Hyttinen, Jari; Kellomäki, Minna; Tanaka, Tetsu.

In: Transactions of Japanese Society for Medical and Biological Engineering, Vol. 52, 17.08.2014, p. O-253-O-254.

Research output: Contribution to journal › Article › Scientific › peer-review

Development of Si neural probe module with adjustable gain amplifier for neuronal signal recording. / Tani, Takaharu; Naganuma, Hideki; Harashima, Takuya; Iwagami, Takuma; Kino, Hisashi; Kiyoyama, Koji; Kellomäki, Minna; Hyttinen, Jari; Tanaka, Tetsu.

In: Transactions of Japanese Society for Medical and Biological Engineering, Vol. 52, 17.08.2014, p. O-377-O-378.

Research output: Contribution to journal › Article › Scientific › peer-review

Diffusion of innovation : Case of co-design of cabins in mobile work machine industry. / Ellman, Asko; Tiainen, Tarja.

In: Computers, Vol. 8, No. 2, 39, 01.06.2019.

Research output: Contribution to journal › Article › Scientific › peer-review

Distributed power allocation over indoor multi-pico stations. / Fei, Ze Song; Gao, Qiang; Fu, You; Isotalo, Tero; Niemelä, Jarno.

In: Journal of the Beijing Institute of Technology, Vol. 24, No. 2, 01.06.2015, p. 227-232.

Research output: Contribution to journal › Article › Scientific › peer-review

DroneRF dataset : A dataset of drones for RF-based detection, classification and identification. / Allahham, MHD Saria; Al-Sa'd, Mohammad F.; Al-Ali, Abdulla; Mohamed, Amr; Khattab, Tamer; Erbad, Aiman.

In: Data in Brief, Vol. 26, 104313, 01.10.2019.

Research output: Contribution to journal › Article › Scientific › peer-review

Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors. / Tan, Lea Chua; Nancharaiah, Yarlagadda V.; van Hullebusch, Eric D.; Lens, Piet N. L.

In: Environmental Science: Water Research & Technology, Vol. 4, No. 2, 2018, p. 303-314 .

Research output: Contribution to journal › Article › Scientific › peer-review

Effect of Laser Power on Yield of TiO₂ Nanoparticles Synthesized by Pulsed Laser Ablation in Water. / Singh, A.; Vihinen, J.; Frankberg, E.; Hyvärinen, L.; Honkanen, M.; Levänen, E.

In: Journal of Ceramic Science and Technology, Vol. 8, No. 1, 03.2017, p. 39-43.

Research output: Contribution to journal › Article › Scientific › peer-review

Effect of radiation inside square hollow section under moderate non-symmetric fire. / Baczkiewicz, Jolanta; Pajunen, Sami; Heinisuo, Markku.

In: Fire Research, Vol. 2, No. 1, 2:42, 27.07.2018, p. 25-30.

Research output: Contribution to journal › Article › Scientific › peer-review

Effects of subsampling on characteristics of RNA-seq data from triple-negative breast cancer patients. / Stupnikov, Alexey; Glazko, Galina V.; Emmert-Streib, Frank.
In: Chinese Journal of Cancer, Vol. 34, No. 10, 08.09.2015.
Research output: Contribution to journal › Article › Scientific › peer-review

Electro-optic steering of random laser emission in liquid crystals. / Assanto, Gaetano; Perumbilavil, Sreekanth; Piccardi, Armando; Kauranen, Martti.
In: Photonics Letters of Poland, Vol. 10, No. 4, 2018, p. 103-105.
Research output: Contribution to journal › Article › Scientific › peer-review

Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions. / Du, Liuliu; Leivo, Virpi; Prasauskas, Tadas; Turunen, Mari; Kiviste, Mihkel; Martuzevicius, Dainius; Haverinen-Shaughnessy, Ulla.
In: Energy Procedia, Vol. 78, 11.2015, p. 860-864.
Research output: Contribution to journal › Article › Scientific › peer-review

Enhanced outdoor to indoor propagation models and impact of different ray tracing approaches at higher frequencies. / Sheikh, Muhammad Usman; Hiltunen, Kimmo; Lempiainen, Jukka.
In: Advances in Science, Technology and Engineering Systems, Vol. 3, No. 2, 2018, p. 58-68.
Research output: Contribution to journal › Article › Scientific › peer-review

Entropy of weighted graphs with Randić weights. / Chen, Zengqiang; Dehmer, Matthias; Emmert-Streib, Frank; Shi, Yongtang.
In: Entropy, Vol. 17, No. 6, 2015, p. 3710-3723.
Research output: Contribution to journal › Article › Scientific › peer-review

Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction. / Us, Defne; Brzezinski, Karol; Buitenhuis, Tom; Dendooven, Peter; Ruotsalainen, Ulla.
In: IEEE Transactions on Radiation and Plasma Medical Sciences, Vol. 2, No. 5, 05.09.2018, p. 490-498.
Research output: Contribution to journal › Article › Scientific › peer-review

Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures. / Li, Lin; Ghazi, Amanullah; Boutellier, Jani; Anttila, Lauri; Valkama, Mikko; Bhattacharyya, Shuvra S.
In: EAI Endorsed Transactions on Cognitive Communications, Vol. 17, No. 10, e3, 23.02.2017.
Research output: Contribution to journal › Article › Scientific › peer-review

First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids. / Ropo, Matti; Schneider, Markus; Baldauf, Carsten; Blum, Volker.
In: Scientific Data, Vol. 3, 160009, 16.02.2016.
Research output: Contribution to journal › Article › Scientific › peer-review

First principles prediction of the solar cell efficiency of chalcopyrite materials AgMX_2 (M=In, Al; X=S, Se, Te). / Dongho-Nguimdo, G. M.; Igumbor, Emmanuel; Zambou, Serges; Joubert, Daniel P.
In: Computational Condensed Matter, Vol. 21, e00391, 01.12.2019.
Research output: Contribution to journal › Article › Scientific › peer-review

Fully printed memristors for a self-sustainable recorder of mechanical energy. / Vilmi, Pauliina; Nelo, Mikko; Voutilainen, Juha-Veikko; Palosaari, Jaakko; Pöyhönen, Juho; Tuukkanen, Sampo; Jantunen, Heli; Juuti, Jari; Fabritius, Tapio.
In: Flexible and Printed Electronics, Vol. 1, No. 2, 025002, 19.04.2016.
Research output: Contribution to journal › Article › Scientific › peer-review

Heat Loss Rate of the Finnish Building Stock. / Vihola, Jaakko; Sorri, Jaakko; Heljo, Juhani; Kero, Paavo.
In: Procedia Economics and Finance, Vol. 21, 2015, p. 601-608.
Research output: Contribution to journal › Article › Scientific › peer-review

High efficiency dilute nitride solar cells : Simulations meet experiments. / Tukiainen, A.; Aho, A.; Polojärvi, V.; Ahorinta, R.; Guina, M.

In: Journal of Green Engineering, Vol. 5, No. 3-4, 8, 2016, p. 113-132.
Research output: Contribution to journal › Article › Scientific › peer-review

Human Factor in Time Management. / Reunanen, Tero.
In: Procedia Manufacturing, Vol. 3, 2015, p. 709-716.
Research output: Contribution to journal › Article › Scientific › peer-review

Image-based characterization of the pulp flows. / Sorokin, M.; Strokina, N.; Eerola, T.; Lensu, L.; Karttunen, K.; Kalviainen, H.
In: Pattern Recognition and Image Analysis, Vol. 26, No. 3, 01.07.2016, p. 630-637.
Research output: Contribution to journal › Article › Scientific › peer-review

Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students. / Kurki, Vuokko ; Sidaraviciute, Ruta; Sörensén, Johanna ; Kibocha, Samuel Ngari; Retike, Inga ; Ikobe, Geoffrey ; Tichonovas, Martynas; Elijosiute, Erika ; Rajala, Riikka .
In: Ympäristöhistoria: Finnish Journal of Environmental History, No. 1/2015, 2015, p. 45-51.
Research output: Contribution to journal › Article › Scientific › peer-review

Influence of environmental conditions on EMF levels in a span of overhead transmission lines. / Okun, Oleksandr; Kravchenko, Yurii; Korpinen, Leena.
In: Progress in Electromagnetics Research C, Vol. 63, 2016, p. 163-171.
Research output: Contribution to journal › Article › Scientific › peer-review

Influence of the rotor eccentricity on the torque of a cage induction machine. / Silwal, Bishal; Rasilo, Paavo; Belahcen, Anouar; Arkio, Antero.
In: Archives of Electrical Engineering, Vol. 66, No. 2, 06.2017, p. 383-396.
Research output: Contribution to journal › Article › Scientific › peer-review

Inkjet printed metallic micropillars for bare die flip-chip bonding. / Khorramdel, Behnam; Kraft, Thomas M; Mäntysalo, Matti .
In: Flexible and Printed Electronics, Vol. 2, No. 4, 26.10.2017, p. 045005.
Research output: Contribution to journal › Article › Scientific › peer-review

In vitro characterization of arylhydrazones of active methylene derivatives. / Palanivel, Suresh; Zhurina, Anastasia; Doan, Phuong; Chandraseelan, Jerome G.; Khandelwal, Vinod Kumar Megraj; Zubkov, Fedor I.; Mahmudov, Kamran T.; Pombeiro, Armando J.L.; Yli-Harja, Olli; Kandhavelu, Meenakshisundaram.
In: Saudi Pharmaceutical Journal, Vol. 26, No. 3, 2018, p. 430-436.
Research output: Contribution to journal › Article › Scientific › peer-review

Kactus2: A graphical EDA tool built on the IP-XACT standard. / Virtanen, Janne; Kamppi, Antti; Pekkarinen, Esko; Määttä, Joni-Matti; Järvinen, Juho; Matilainen, Lauri Johannes; Teuho, Mikko; Hämäläinen, Timo.
In: The Journal of Open Source Software, Vol. 2, No. 13, 02.05.2017, p. 1.
Research output: Contribution to journal › Article › Scientific › peer-review

Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa. / Kaarakka, Terhi Elina; Ali-Löytty, Simo; Huhtanen, Miika.
In: FMSEJA Journal , Vol. 2, No. 1, 2018, p. 67-77.
Research output: Contribution to journal › Article › Scientific › peer-review

Knowledge Management Practices in Large Companies. / Väyrynen, Hannele; Helander, Nina; Kukko, Marianne .
In: The Macrotheme Review, Vol. 3, No. 9, 3(9), 2014, p. 56-72.
Research output: Contribution to journal › Article › Scientific › peer-review

Kohti tasapuolisempaa tutkimuksen arviointia : Pääkirjoitus. / Katko, Tapio S.
In: Ympäristöhistoria: Finnish Journal of Environmental History, Vol. 5, No. 1, 2015, p. 4-5.
Research output: Contribution to journal › Article › Scientific › peer-review

Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin. / Heikkilä, Jussi ; Martinsuo, Miia .

In: Työpölyttinen aikakauskirja, No. 3, 2015, p. 18-24.

Research output: Contribution to journal › Article › Scientific › peer-review

Linear and nonlinear light beam propagation in chiral nematic liquid crystal waveguides. / Laudyn, Urszula A.; Kwaśny, Michał; Jung, Paweł S.; Trippenbach, Marek; Assanto, Gaetano; Karpierz, Mirosław A.

In: Photonics Letters of Poland, Vol. 8, No. 1, 2016, p. 11-13.

Research output: Contribution to journal › Article › Scientific › peer-review

LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures. / Bartsch, H.; Himmerlich, M.; Fischer, M.; Demko, L.; Hyttinen, J.; Schober, A.

In: Journal of Ceramic Science and Technology, Vol. 6, No. 4, 12.2015, p. 315-324.

Research output: Contribution to journal › Article › Scientific › peer-review

Management and Planning Under Complexities of Metro Construction. / Khosravi, Mahdi; Kähkönen, Kalle.

In: Procedia Economics and Finance, Vol. 21, 2015, p. 415-421.

Research output: Contribution to journal › Article › Scientific › peer-review

Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle. / Cenev, Zoran; Zhang, Hongbo; Sariola, Veikko; Rahikkala, Antti; Liu, Dongfei; Santos, Hélder A.; Zhou, Quan.

In: Advanced Materials Technologies, Vol. 3, No. 1, 1700177, 2017.

Research output: Contribution to journal › Article › Scientific › peer-review

Microbotic system for multi-rate measurement of bio-based fibres Z-directional bond strength. / Latifi, Seyed Kourosh ; Saketi, Pooya; Kallio, Pasi .

In: Journal of Micro-Bio Robotics, Vol. 10, No. 1, 1, 24.05.2015, p. 13-26.

Research output: Contribution to journal › Article › Scientific › peer-review

Modelling the stressed skin effect by using shell elements with meta-material model. / Pajunen, S.; Hautala, J.; Heinisuo, M.

In: Magazine of Civil Engineering, Vol. 86, No. 2, 2019, p. 20-29.

Research output: Contribution to journal › Article › Scientific › peer-review

Monitoring urban air quality with a diffusion charger based electrical particle sensor. / Järvinen, A.; Kuuluvainen, H.; Niemi, J.V.; Saari, S.; Dal Maso, M.; Pirjola, L.; Hillamo, R.; Janka, K.; Keskinen, J.; Rönkkö, T.

In: Urban Climate, Vol. 14, No. 3, 2015.

Research output: Contribution to journal › Article › Scientific › peer-review

Natural Gas Engine Emission Reduction by Catalysts. / Lehtoranta, Kati; Murtonen, Timo; Vesala, Hannu; Koponen, Päivi ; Alanen, Jenni; Simonen, Pauli; Rönkkö, Topi; Timonen, Hilikka; Saarikoski, Sanna; Maunula, Teuvo; Kallinen, Kauko; Korhonen, Satu.

In: Emission Control Science and Technology, Vol. 3, No. 2, 06.2017, p. 142-152.

Research output: Contribution to journal › Article › Scientific › peer-review

NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems. / Militano, Leonardo; Orsino, Antonino; Araniti, Giuseppe; Iera, Antonio.

In: Future Internet, Vol. 9, No. 3, 31, 08.07.2017.

Research output: Contribution to journal › Article › Scientific › peer-review

Parameters Affecting the Upcycling of Waste Cotton and PES/CO Textiles. / Vats, Shameek; Rissanen, Marja.

In: Recycling, Vol. 1, No. 1, 30.05.2016, p. 166-177.

Research output: Contribution to journal › Article › Scientific › peer-review

Preparation and antimicrobial characterization of silver-containing packaging materials for meat. / Kuuliala, L.; Pippuri, T.; Hultman, J.; Auvinen, S.-M.; Kolppo, K.; Nieminen, T.; Karp, Matti; Björkroth, J.; Kuusipalo, J.; Jääskeläinen, E.
In: Food Packaging and Shelf Life, Vol. 6, 67, 01.12.2015, p. 53-60.
Research output: Contribution to journal › Article › Scientific › peer-review

Probabilistic Mapping of Human Visual Attention from Head Pose Estimation. / Veronese, Andrea; Racca, Mattia; Pieters, Roel; Kyrki, Ville.
In: Frontiers in Robotics and AI, 30.10.2017.
Research output: Contribution to journal › Article › Scientific › peer-review

Projektiyöskentelyn kehittäminen yläkoulun matematiikan opetuksessa. / Viro, Ida Elina; Joutsenlahti, Jorma.
In: FMSERA Journal , Vol. 2, No. 1, 2018, p. 90-99.
Research output: Contribution to journal › Article › Scientific › peer-review

Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering. / Karhu, M.; Lagerbom, J.; Kivikytö-Reponen, P.; Ismailov, A.; Levänen, E.
In: Journal of Ceramic Science and Technology, Vol. 8, No. 1, 01.03.2017, p. 101-112.
Research output: Contribution to journal › Article › Scientific › peer-review

Relational Capital for Shared Vision in Innovation Ecosystems. / Russell, Martha G.; Huhtamäki, Jukka; Still, Kaisa; Rubens, Neil; Basole, Rahul C.
In: Triple Helix: A Journal of University-Industry-Government Innovation and Entrepreneurship, Vol. 2, No. 1, 2015.
Research output: Contribution to journal › Article › Scientific › peer-review

Resilient Asset Management and Governance Fordeteriorating Water Services Infrastructure. / Hukka, Jarmo J.; Katko, Tapio S.
In: Procedia Economics and Finance, Vol. 21, 2015, p. 112-119.
Research output: Contribution to journal › Article › Scientific › peer-review

Safety, Space and Structure Quality Requirements in Construction Scheduling. / Bragadin, Marco A.; Kähkönen, Kalle.
In: Procedia Economics and Finance, Vol. 21, 2015, p. 407-414.
Research output: Contribution to journal › Article › Scientific › peer-review

Sata vuotta vesihuoltoa Suomessa. / Juuti, Petri; Katko, Tapio S.; Rajala, Riikka.
In: Vesitalous, Vol. 58, No. 6, 12.2017, p. 13-15.
Research output: Contribution to journal › Article › Scientific › peer-review

Securing the flow of information in renovation projects : Sustainable synergies from buildings to the urban scale. / Marttila, Tero; Annala, Petri; Suonketo, Jommi; Kero, Paavo; Pentti, Matti.
In: PROCEDIA ENVIRONMENTAL SCIENCES, Vol. 38, 2017, p. 228-233.
Research output: Contribution to journal › Article › Scientific › peer-review

SimpleTree : An Efficient Open Source Tool to Build Tree Models from TLS Clouds. / Hackenberg, Jan; Spiecker, Heinrich; Calders, Kim; Disney, Mathias; Raunonen, Pasi.
In: Forests: Open Access Journal, Vol. 6, No. 11, 23.11.2015, p. 4245-4294.
Research output: Contribution to journal › Article › Scientific › peer-review

Social and Economic Importance of Water Services in the Built Environment: Need for More Structured Thinking. / Katko, Tapio S.; Hukka, Jarmo J.
In: Procedia Economics and Finance, Vol. 21, 2015, p. 217-223.
Research output: Contribution to journal › Article › Scientific › peer-review

Stirring the Construction Project Management with Co-creation and Continuous Improvement. / Savolainen, Jussi; Kähkönen, Kalle; Niemi, Olli; Poutanen, Jenni; Varis, Elisa.
In: Procedia Economics and Finance, Vol. 21, 2015, p. 64-71.
Research output: Contribution to journal › Article › Scientific › peer-review

Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa. / Katko, Tapio S.

In: Vesitalous, Vol. 58, No. 1, 2017, p. 8-11.

Research output: Contribution to journal › Article › Scientific › peer-review

Surrogate modeling for initial rotational stiffness of welded tubular joints. / Garifullin, M. R.; Barabash, A. V.; Naumova, E. A.; Zhuvak, O. V.; Jokinen, T.; Heinisuo, M.

In: Magazine of Civil Engineering, Vol. 63, No. 3, 2016, p. 53-76.

Research output: Contribution to journal › Article › Scientific › peer-review

Systematic Search and Ranking of Physical Contradictions Using Graph Theory Principles: Toward a Systematic Analysis of Design Strategies and their Impacts : TRIZ and Knowledge-Based Innovation in Science and Industry. / Coatanéa, Eric ; Ryyänänen, Leena; Calonius, Olof; Mokammel, Faisal; Riitahuhta, Asko.

In: Procedia Engineering, Vol. 131, 2015, p. 1165-1182.

Research output: Contribution to journal › Article › Scientific › peer-review

Target tracking via combination of particle filter and optimisation techniques. / Hosseini, Seyyed Soheil Sadat; Jamali, Mohsin M.; Astola, Jaakko; Gorsevski, Peter V.

In: International Journal of Mathematical Modelling and Numerical Optimization, Vol. 7, No. 2, 2016, p. 212-229.

Research output: Contribution to journal › Article › Scientific › peer-review

Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella. / Helander, Nina ; Myllylä, Marjatta.

In: TAMPEREEN AMMATTIKORKEAKOULUN JULKAISUJA. SARJA B, RAPORTTEJA, 11.07.2016, p. 70-77.

Research output: Contribution to journal › Article › Scientific › peer-review

Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory. /

Koivisto, A. J.; Jensen, A. C Ø; Levin, M.; Kling, K. I.; Maso, M. Dal; Nielsen, S. H.; Jensen, K. A.; Koponen, I. K.

In: Environmental Sciences: Processes and Impacts, Vol. 17, No. 1, 01.01.2015, p. 62-73.

Research output: Contribution to journal › Article › Scientific › peer-review

The effect of tungsten carbide particles content in a weld deposit on its abrasion resistance. / Hlavatý, Ivo; Kozák, Jindrich; Krejci, Lucie; Samardzic, Ivan; Tuominen, Jari.

In: Technical Gazette - Technicki vjesnik, Vol. 24, No. 5, 10.2017, p. 1345-1349.

Research output: Contribution to journal › Article › Scientific › peer-review

The effects of neuron morphology on graph theoretic measures of network connectivity : The analysis of a two-level statistical model. / Acimovic, Jugoslava; Mäki-Marttunen, Tuomo; Linne, Marja-Leena.

In: Frontiers in Neuroanatomy, Vol. 9, No. June, 76, 10.06.2015.

Research output: Contribution to journal › Article › Scientific › peer-review

Theoretical 71-Concept Platform for Advancing Construction-related Business Management. / Huovinen, Pekka.

In: Procedia Economics and Finance, Vol. 21, 2015, p. 80-87.

Research output: Contribution to journal › Article › Scientific › peer-review

Three-color vector nematicon. / Laudyn, Urszula A.; Kwaśny, Michał; Karpierz, Mirosław A.; Assanto, Gaetano.

In: Photonics Letters of Poland, Vol. 9, No. 2, 2017, p. 36-38.

Research output: Contribution to journal › Article › Scientific › peer-review

Time-resolved characterization of primary and secondary particle emissions of a modern gasoline passenger car. /

Karjalainen, P.; Timonen, H.; Saukko, E.; Kuuluvainen, H.; Saarikoski, S.; Aakko-Saksa, P.; Murtonen, T.; Dal Maso, M.; Ahlberg, E.; Svenningsson, B.; Brune, W. H.; Hillamo, R.; Keskinen, J.; Rönkkö, T.

In: Atmospheric Chemistry and Physics Discussions, Vol. 15, No. 22, 25.11.2015, p. 33253-33282.

Research output: Contribution to journal › Article › Scientific › peer-review

Towards a Classification Schema for Development Technologies: an Empirical Study in the Avionic Domain. / Taibi, Davide; Lenarduzzi, Valentina; Dieudonne, Laurent; Plociennik, Christiane.
In: INTERNATIONAL JOURNAL ON ADVANCES IN SOFTWARE, Vol. 8, No. 1&2, 01.08.2015, p. 125-135.
Research output: Contribution to journal › Article › Scientific › peer-review

Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan. / Kekonen, Atte; Bergelin, Mikael; Viik, Jari.
In: HAAVA, Vol. 20, No. 3, 20.10.2018, p. 30-32.
Research output: Contribution to journal › Article › Scientific › peer-review

Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen. / Myllykoski, Tuomas Jaakko; Mattila, Pekka; Ali-Löytty, Simo; Kaarakka, Terhi; Viro, Elina.
In: FMSERA Journal , Vol. 2, No. 1, 2018, p. 46-56.
Research output: Contribution to journal › Article › Scientific › peer-review

基于相位旋转的SCMA码本优化方法. / Shao, Kai; Zhou, Bowen; Wang, Guangyu; Yu, Bei.
In: Xi Tong Gong Cheng Yu Dian Zi Ji Shu/Systems Engineering and Electronics, Vol. 40, No. 10, 2018, p. 2354-2362.
Research output: Contribution to journal › Article › Scientific › peer-review

Advanced coatings by novel high-kinetic thermal spray processes. / Matikainen, Ville; Koivuluoto, Heli; Milanti, Andrea; Vuoristo, Petri.
In: Materia, Vol. 73, No. 1, 09.02.2015, p. 46-50.
Research output: Contribution to journal › Article › Professional

Education and Materials Joining Research methods at Tampere University of Technology. / Peura, Pasi; Vuoristo, Petri; Vihinen, Jorma.
In: Hitsaustekniikka, Vol. 65, No. 2-3/2015, 06.2015, p. 73-76.
Research output: Contribution to journal › Article › Professional

Hard Rock (- ei Hallelujah, vaan) Tribology : Pohjoismainen kaivosteollisuuden kulumisongelmiin keskittyvä kurssi ja seminaari Tampereella. / Valtonen, Kati; Tiainen, Tuomo.
In: Materia, Vol. 2015, No. 1, 02.09.2015, p. 30-33.
Research output: Contribution to journal › Article › Professional

Kangasala-talo : Vanhan kulttuuripitäjän uusi kulttuuritalo. / Koponen, Olli-Paavo.
In: Arkkitehti, Vol. 2015, No. 4/2015, 2015, p. 67-69.
Research output: Contribution to journal › Article › Professional

Kolloidisten suspensioiden online -analysointi: tutkimuksesta liiketoimintaa. / Järveläinen, Matti ; Yli-Hallila, Teemu; Salpavaara, Timo; Verho, Jarmo; Viikko, Matti; Levänen, Erkki.
In: Materia, No. 5/2015, 10.2015, p. 54-57.
Research output: Contribution to journal › Article › Professional

Koteja ja kokonaistaideteoksia. / Chudoba, Minna .
In: Arkkitehti, No. 3, 2015, p. 76-78.
Research output: Contribution to journal › Article › Professional

Lasitettujen parvekkeiden ja terassien käyttäytyminen tulipaloissa. / Hilliaho, Kimmo; Hietaniemi, Jukka; Visa, Panu.
In: Palontorjuntatekniikka, No. Erikoisnumero, 24.08.2015, p. 18-23.
Research output: Contribution to journal › Article › Professional

Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä. / Karjalainen, Panu.
In: Ympäristö ja terveys, Vol. 46, No. 6, 12.10.2015, p. 28-31.
Research output: Contribution to journal › Article › Professional

Postmodernismi Suomen rakennusperinnössä. / Koponen, Olli-Paavo.

In: Arkkitehti, Vol. 2015, No. 2/2015, 2015, p. 72-74.

Research output: Contribution to journal › Article › Professional

Projektioppiminen yläkoulun matematiikassa. / Viro, Elina; Eriksson, Sirkka-Liisa.

In: Lumat, Vol. 3, No. 7, 2015, p. 1005-1009.

Research output: Contribution to journal › Article › Professional

Simulointi nopeuttaa käyttöiän määrittystä. / Ojala, Petteri; Saarenrinne, Pentti; Miettinen, Juha; Multanen, Petteri; Kiilunen, Janne; Hietala, Jukka-Pekka; Kolu, Antti; Pippola, Juha; Mostofizadeh, Milad; Ylönen, Markku.

In: Promaint, Vol. 2, 2015, p. 24-27.

Research output: Contribution to journal › Article › Professional

Suomen keraaminen seura - Keramiska sällskapet i Finland. / Frankberg, Erkki Juhani.

In: Materia, Vol. 5, 10.2015, p. 58-58.

Research output: Contribution to journal › Article › Professional

Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle. / Katko, Tapio Sakari; Lukka, Anna; Rajala, Riikka.

In: Vesitalous, No. 2, 2015, p. 45-47.

Research output: Contribution to journal › Article › Professional

Tampereen matemaattisten aineiden aineenopettajakoulutus. / Eriksson, Sirkka-Liisa; Haukkanen, Pentti; Hukka, Terttu I.; Lemmetyinen, Helge.

In: Lumat, Vol. 3, No. 6, 11.03.2015, p. 800-807.

Research output: Contribution to journal › Article › Professional

Taskinen yksissä kansissa. / Passinmäki, Pekka .

In: Arkkitehti, No. 2, 2015, p. 89-90.

Research output: Contribution to journal › Article › Professional

Arbitrary Land Use Policy in Jordan between Legal Brand and Property Control. / Tewfik, Magdy ; Amr, Alia'a.

In: European International Journal of Science and Technology, Vol. 3, No. 9, 12.2014, p. 86-93.

Research output: Contribution to journal › Article › General public

A review study of photovoltaic array maximum power point tracking algorithms. / El-Khozondar, Hala; El-Khozondar, Rifa; Matter, Khaled ; Suntio, Teuvo.

In: Renewables: Wind, Water, and Solar, Vol. 3, No. 1, 18.02.2016.

Research output: Contribution to journal › Review Article › Scientific › peer-review

Future in wood? Timber construction in boosting local development. / Hynynen, Ari .

In: European Spatial Research and Policy, Vol. 23, No. 1, 2016, p. 127-139.

Research output: Contribution to journal › Review Article › Scientific › peer-review

Interdisciplinary water research network building within Nordic and Baltic countries. / Sörensen, Johanna ; Kurki, Vuokko ; Sidaraviciute, Ruta ; Ngari Kibocha, Samuel ; Retike, Inga ; Ikobe, Geoffrey ; Tichonovas, Martynas ; Elijosiute, Erika ; Rajala, Riikka .

In: Vatten, No. 71, 2015, p. 79-83.

Research output: Contribution to journal › Review Article › Scientific › peer-review

Local narratives in the long term water conflicts : Case of Turku Region in Finland. / Juuti, Petri S.; Kurki, Vuokko; Rajala, Riikka.

In: Ympäristöhistoria: Finnish Journal of Environmental History, Vol. 2017, No. 1, 05.2017, p. 39-49.

Research output: Contribution to journal › Review Article › Scientific › peer-review

Printed and organic diodes: devices, circuits and applications. / Kraft, Thomas; Berger, Paul; Lupo, Donald.
In: Flexible and Printed Electronics, Vol. 2, No. 3, 033001, 29.09.2017.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Sata vuotta Suomen suurimmasta lavantautiepidemiasta. / Juuti, Petri ; Rajala, Riikka.
In: Vesitalous, Vol. 2017, No. 1, 2017, p. 12-14.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Valkea kaupunki, mustat vedet. / Juuti, Petri ; Rajala, Riikka.
In: Vesitalous, Vol. 2017, No. 1, 2017, p. 15-17.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Vesi, ongelma ennen ja nyt? / Juuti, Petri.
In: Ympäristöhistoria: Finnish Journal of Environmental History, Vol. 2017, No. 1, 05.2017, p. 54-65.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Обзор параметрических методов позиционирования на основе концепции отпечатка пальца. / Müller, Philipp;
Raitoharju, Matti; Ali-Löytty, Simo; Wirola, Laura; Piche, Robert.
In: Giroskopiya I Navigatsiya, Vol. 24, No. 1, 2016, p. 3-35.
Research output: Contribution to journal › Review Article › Scientific › peer-review

Experimental moment resistance of rectangular hollow section T joints. / Garifullin, Marsel.
In: MATEC Web of Conferences, Vol. 245, 08003, 05.12.2018.
Research output: Contribution to journal › Conference article › Scientific › peer-review

Quenching nematicon fluctuations via photo-stabilization. / Karimi, Nazanin; Alberucci, Alessandro; Virkki, Matti; Priimägi, Arri; Kauranen, Martti; Assanto, Gaetano.
In: Photonics Letters of Poland, Vol. 8, No. 1, 31.03.2016, p. 2-4.
Research output: Contribution to journal › Letter › Scientific › peer-review

Kattavasti rivitaloista. / Helamaa, Anna .
In: Arkkitehti, No. 3, 2015, p. 80-81.
Research output: Contribution to journal › Book/Film/Article review › Professional

Editorial. / Kähkönen, Kalle; Huovinen, Pekka; Keinänen, Marko.
In: Procedia Economics and Finance, Vol. 21, 2015, p. 1-5.
Research output: Contribution to journal › Editorial › Scientific

Editorial: Experiments in an Organisational Context. / Christiansen, John; Birkinshaw, Julian; Le Masson, Pascal; Mäkinen, Saku.
In: CERN IdeaSquare Journal of Experimental Innovation, Vol. 1, No. 2, 2017.
Research output: Contribution to journal › Editorial › Scientific

Editorial: Information to support decision-making. / Juuti, Petri S.
In: Ympäristöhistoria: Finnish Journal of Environmental History, Vol. 2017, No. 1, 05.2017, p. 5-6.
Research output: Contribution to journal › Editorial › Scientific › peer-review

Arkinen liikkuminen kontekstina kaupunkitilan tarkasteluun. / Tartia, Jani .
In: Versus, 2015.
Research output: Contribution to journal › Special issue › Scientific

8th Nordic Conference on Construction Economics and Organization. / Kähkönen, Kalle (Editor).
In: Procedia Economics and Finance, Vol. 21, 2015.
Research output: Contribution to journal › Special issue › Scientific › peer-review

Calcium signaling in astrocytes: modeling Fura-2AM measurements. / Toivari, Eeva; Manninen, Tiina; Nahata, Amit K.; Jalonen, Tuula O.; Linne, Marja-Leena.
In: *Frontiers in Neuroscience*, 2010.

Research output: [Contribution to journal](#) › [Meeting Abstract](#) › [Scientific](#) › [peer-review](#)

A new generation sweating thermal manikin for the evaluation of the thermal comfort of protective clothing in Arctic Conditions. / Varheenmaa, Minna.

Arctic Wears - Perspectives on Arctic Clothing. ed. / Sanna Konola; Päivi Kähkönen. Lapland University of Applied Sciences, 2015. p. 154-161 (Liiketoiminta ja yrittäjyys Sarja B. Raportit ja selvitykset 10/2015).

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#)

Meeting of Vernacular and Modern Architecture in Urbino : Giancarlo De Carlo and reading of the context. / Koponen, Olli-Paavo.

Italian Vernadoc 2015 – Amandola: Studying Italia and its architecture. The first 10 VERNADOC-years. ed. / Markku Mattila. Helsinki : Suomen ICOMOS, kansanrakentamisen komitea, 2015. p. 26-29.

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#)

Ulkoseinien rakennusfysikaaliset riskit ja pitkäaikaiskestävät ratkaisut. / Salonen, Joonas; Laukkarinen, Anssi; Vinha, Juha

.
Korjaa ja korota: Kerrostalojen korjaamisen ja lisäkerrosten rakentamisen ratkaisuja. ed. / Anu Soikkeli; Jouni Koiso-Kanttila; Laura Sorri. Vol. 62 Oulu, Finland : Oulun yliopisto, 2015. p. 74-81 (Oulun yliopisto, arkkitehtuurin osasto. A. Julkaisu).

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#)

Aluetehokkuuden kustannusvaikutukset. / Nisula, Jaakko; Saari, Arto.

Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa. Aalto-yliopisto, 2015. p. 102-107 (Aalto University publication series Crossover; No. 9/2015).

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#) › [peer-review](#)

A Proposal of Decentralized Architecture for OKD-MES. / Ferrer, B. R.

Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach. ed. / S. Strzelczak; Pavel Balda; Marco Garetti; Andrei Lobov. Warsaw : Warsaw University of Technology Publishing House, 2015. p. 331-340.

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#) › [peer-review](#)

Classification of Knowledge Representation Implementations in the Manufacturing Systems Domain. / Ramis Ferrer, Borja

.
Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach. ed. / S. Strzelczak; Pavel Balda; Marco Garetti; Andrei Lobov. Warsaw University of Technology Publishing House, 2015. p. 235-244.

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#) › [peer-review](#)

Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective. / Bernhardt, Julia; Helander, Nina ; Jussila, Jari ; Kärkkäinen, Hannu .

Encyclopedia of E-Commerce Development, Implementation, and Management. United States : IGI Global, 2016. p. 933-943 66.

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#) › [peer-review](#)

Effects of Social Media on Consumers' Sports Brand Experiences and Loyalty. / Munnukka, Juha; Karjaluoto, Heikki; Mahlamäki, Tommi; Hokkanen, Ville.

Creating Marketing Magic and Innovative Future Marketing Trends: Proceedings of the 2016 Academy of Marketing Science (AMS) Annual Conference. ed. / Maximilian Stieler. Springer International Publishing, 2017. p. 1051-1064 (*Developments in Marketing Science: Proceedings of the Academy of Marketing Science*).

Research output: [Chapter in Book/Report/Conference proceeding](#) › [Chapter](#) › [Scientific](#) › [peer-review](#)

Framework for optimization and scheduling of a copper production plant. / Suominen, Olli; Mörsky, Ville; Ritala, Risto; Viikko, Matti.

26th European Symposium on Computer Aided Process Engineering, 2016. Vol. 38 Elsevier Science B.V., 2016. p. 1243-1248 (Computer Aided Chemical Engineering).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Functional model for organisational and safety culture. / Porkka, Pasi L.

Chemical Engineering Transactions. Italian Association of Chemical Engineering AIDIC, 2016. p. 907-912 (Chemical Engineering Transactions; Vol. 48).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Glass and Glass-Ceramic Scaffolds: Manufacturing Methods and the Impact of Crystallization on In-Vitro Dissolution. /

Nommeots-Nomm, Amy; Massera, Jonathan.

Scaffolds in Tissue Engineering - Materials, Technologies and Clinical Applications. InTech Open Access Publisher, 2017.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

icellfusion : Tool for fusion and analysis of live-cell images from time-lapse multimodal microscopy. / Santinha, João; Gupta, Abhishekh; Martins, Leonardo; Annala, Teppo; Häkkinen, Antti; Mora, Andre; Lloyd-Price, Jason; Ribeiro, Andre; Oliveira, Samuel M D; Fonseca, Jose Ribeiro.

Biometrics: Concepts, Methodologies, Tools, and Applications. IGI Global, 2016. p. 806-834.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Impact analysis of graph-based requirements models using PageRank algorithm. / Mokammel, F.; Coatanea, E.;

Bakhouya, M.; Christophe, F.; Nonsiri, S.

2013 IEEE International Systems Conference (SysCon). IEEE, 2013. p. 731-736 (2013 IEEE International Systems Conference (SysCon)).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Jossakin vuoti öljy, muualla tiukuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella. / Lilja, Kari.

Silmät auki It-etiikkaan. EDUSKUNNAN TULEVAISUUSVALIOKUNTA, 2015. p. 85-101 (Eduskunnan tulevaisuusvaliokunnan julkaisu; No. 12).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Learning maths with mobiles : Cross-cultural design of technology with experiences in South-Africa and Finland. / Vainio, Teija; Walsh, Tanja.

Integrating Touch-Enabled and Mobile Devices into Contemporary Mathematics Education. IGI Global, 2015. p. 79-96.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Learning Maths with mobiles : Cross-cultural design of technology with experiences in South-Africa and Finland. / Vainio, Teija; Walsh, Tanja.

Blended Learning: Concepts, Methodologies, Tools, and Applications. Vol. 4 IGI Global, 2016. p. 741-759.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Nanocellulose as a Piezoelectric Material. / Tuukkanen, Sampo; Rajala, Satu.

Piezoelectricity - Organic and Inorganic Materials and Applications. InTech Open Access Publisher, 2018. p. 1-14.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

On Polyglot Programming in the Web. / Harmanen, Juhana; Mikkonen, Tommi.

Modern Software Engineering Methodologies for Mobile and Cloud Environments. IGI Global, 2016. p. 102-119.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

On service composition - dynamic formation and orchestration of service workflows. / Lobov, Andrei.

Open Knowledge-Driven Manufacturing and Logistics - The eScop Approach. ed. / Stanislaw Strzelczak; Pavel Balda; Marco Garetti; Andrei Lobov. Warsaw University of Technology Publishing House, 2015. p. 311-319.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

OSS-TMM : Guidelines for improving the testing process of open source software. / Morasca, Sandro; Taibi, Davide; Tosi, Davide.

Open Source Software Dynamics, Processes, and Applications. IGI Global, 2013. p. 59-78.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Probabilistic Framework for Modelling the Evolution of Geomorphic Features in 10,000-Year Time Scale: The Eurajoki River Case. / Pohjola, Jari ; Turunen, Jari; Lipping, Tarmo; Ikonen, Ari T.K.

Geospatial Data in a Changing World: Selected papers of the 19th AGILE Conference on Geographic Information Science. Springer Verlag, 2016. p. 369-382 (Lecture Notes in Geoinformation and Cartography).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Quality evaluation on of contractor's schedule for building renovation. / Kähkönen, Kalle; Brandt, Jens.

Re-shaping the construction industry. ed. / Angelo Ciribini ; Giuseppe Alaimo ; Pietro Capone ; Bruno Daniotti ; Guido Dell'Osso ; Maurizio Nicoletta . ISTeA Italian Society of Science, Technology and Engineering of Architecture; Maggioli Editore, 2017. p. 175-184.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Reinventing organisational creativity and innovation through adapting a service-based working culture. / Ketonen-Oksi, Sanna.

Integrating arts and creativity into business practice. ed. / Giovanni Schiuma; Antonio Lerro. IGI Global, 2017. p. 1-20.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Re-inventing organizational creativity and innovation through adopting a service-based working culture. / Ketonen-Oksi, Sanna.

Integrating Art and Creativity into Business Practice. IGI Global, 2016. p. 1-20.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner. /

Leppänen, Minna; Sarkkila, J.; Hämäläinen, H.; Rinkinen, J.

Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials WASCON 2018: No Gradle, No Grave - Circular Economy into Practice. ed. / V. Raasakka; P. Lahtinen. RIL - Finnish Association of Civil Engineers, 2018. p. 168-175.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

The New Era of Crowdsourcing — Industrial Crowdsourcing. / Kärkkäinen, Hannu; Jussila, Jari ; Erkinheimo, Pia.

Open Innovation Yearbook 2015. ed. / Bror Salmelin. Brussel : European Commission, 2015. p. 25-31.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

The use of mathematical modeling for the development of a low cost fuzzy gain schedule neutralization control system. /

Sislian, Rodrigo; da Silva, Flávio Vasconcelos; Gedraite, Rubens; Jokinen, Heikki; Rajan, Dhanesh Kattippambil.

Transactions on Engineering Technologies: World Congress on Engineering and Computer Science 2015. Springer Singapore, 2017. p. 525-539.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Tools, pedagogical models, and best practices for digital storytelling. / Multisilta, Jari ; Niemi, Hannele.

Encyclopedia of information science and technology. ed. / Mehdi Khosrow-Pour. 4th . ed. IGI Global, 2017.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Townhouse-talotyypin rakennuskustannukset: kolmen suunnitteluratkaisun taloudellisuuden analysointi. / Saari, Arto; Tauriainen, Matti.

Nollaa parempi – Townhouse energiatehokkaassa asuinrakentamisessa. Aalto-yliopisto, 2015. p. 94-97 (Aalto University publication series Crossover; No. 9/2015).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Two models for hydraulic cylinders in flexible multibody simulations. / Ylinen, Antti; Mäkinen, Jari; Kouhia, Reijo.

Computational Methods for Solids and Fluids: Multiscale Analysis, Probability Aspects and Model Reduction. Springer, 2016. p. 463-493 (Computational Methods in Applied Sciences; Vol. 41).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

Water services heritage and institutional diversity. / Katko, Tapio S.; Juuti, Petri ; Pietilä, Pekka; Rajala, Riikka .
Water and Heritage: material, conceptual and spiritual connections. ed. / Willem Willems; Henk van Schaik. Sidestone Press, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Scientific › peer-review

How to co-learn in campus. / Salmisto, Alpo .

Oppiva kampus - How to co-create campus?. ed. / Suvi Nenonen; Sami Kärnä; Juha-Matti Junnonen; Sari Tähtinen; Niclas Sandström. Tampere : Suomen Yliopistokiinteistöt Oy, 2015. p. 320-337.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Impedanssipneumografia pienten lasten alahengitytiesoireiden selvittelyssä. / Seppä, V.-P.; Pelkonen, A. S.; Kotaniemi-Syrjänen, A.; Viik, J.; Mäkelä, M. J.; Malmberg, P.

Allergiatutkimussäätiön vuosikirja 2015. 2015. (Allergiakoulu).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta. / Leppänen, Minna ; Välsälö, Tero (Editor); Laasonen, Juha. Kaivosten stressitesti 2013. Ympäristöministeriö, 2014. (Ympäristöministeriön raportteja).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Matkalla joustaviin asuinympäristöihin. / Kotilainen, Sini .

Joustavat asuinympäristöt: 10 visiota aikaa kestäväään kaupunkiasumiseen. Vol. 16 Tampere : Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. p. 10-13 1 (Housing Design; Vol. 16).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen. / Hynynen, Ari.

Puu-Hubi. : Perinteestä uusiin innovaatioihin. ed. / Ari Hynynen; Anne-Marjo Panu; Tuulia Taanila. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos, 2015. p. 75-93.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Rakennusten rakennusfysikaalisen suunnittelun ja toteutuksen periaatteet. / Vinha, Juha.

Rakentajain kalenteri 2016. Rakennustieto Oy, 2015. p. 399-426 (Rakentajain kalenteri; Vol. 100).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Rakenteiden ääneneristyskyvystä asumismelun kokemiseen. / Kylliäinen, Mikko .

Rakentajain Kalenteri. Helsinki : Rakennustieto Oy, 2015. p. 92-96.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Tammerkoski ja Hämeenkatu Tampereen arkkitehtonisen identiteetin ankkureina. / Koponen, Olli-Paavo.

Tampereen tarina: Teollisuuden synnyttämä kaupunki harjujen ja järvien solmukohdassa. ed. / Ranja Hautamäki. Vol. Julkaisuja 5/2015 Kaupunkiympäristön kehittäminen : Tampereen kaupunki, 2015. p. 35-42 (Tampereen kaupunki/Kaupunkiympäristön kehittäminen; Vol. 5/2015).

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Uudet arkkitehtoniset ratkaisumallit muuttavat kampuksien ilmettä. / Poutanen, Jenni; Peltoniemi, Sanna; Pihlajarinne, Noora.

Oppiva kampus: How to co-create campus?. ed. / Suvi Nenonen; Sami Kärnä; Juha-Matti Junnonen; Sari Tähtinen; Niclas Sandström. Tampere : Suomen Yliopistokiinteistöt Oy, 2015. p. 72-93.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

Uusia tuulia Euroopasta. / Lehtovuori, Panu .

Asukkaan ehdoilla: moninaisuutta asumamuotoihin. Helsinki : Rakennustieto Oy, 2015. p. 42-59.

Research output: Chapter in Book/Report/Conference proceeding › Chapter › Professional

1800-luvun Helsingin kadonneiden konserttitilojen akustiikan mallintaminen. / Niemi, Henry; Kylliäinen, Mikko; Jäppinen, Jere; Lindqvist, Mikko.

Akustiikkapäivät 2015. Kuopio, 2015. p. 77-82 (Akustiikkapäivät).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien. / Hongisto, Valtteri; Kylliäinen, Mikko ; Hyönä, Jukka.

Rakennusfysiikka 2015. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 561-566.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Alipaineistetun tuulettuvan ryömintätilan rakennusfysikaaliset FEM-simuloinnit. / Salo, Juha; Huttunen, Petteri; Vinha, Juha

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 413-422 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

A model for anisotropic magnetostriction. / Belahcen, Anouar; Kouhia, Reijo; Rasilo, Paavo; Ristinmaa, Matti.

Proceedings of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry, 2015. p. 201-203.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

An anisotropic continuum damage model for concrete. / Yaghoubi, Saba Tahaei; Hartikainen, Juha; Kolari, Kari; Kouhia, Reijo.

Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. ed. / Reijo Kouhia; Jari Mäkinen; Sami Pajunen; Timo Saksala. Rakenteiden Mekaniikan Seura ry, 2015. p. 51.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite. / Mardoukhi, Ahmad; Saksala, Timo ; Hokka, Mikko ; Kuokkala, Veli-Tapani.

Proceedings of the XII Finnish Mechanics Day. 2015. p. 210-215.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Asuinhuoneistojen betonivälipohjien askelääneneristyksen subjektiivinen ja objektiivinen arviointi. / Kylliäinen, Mikko ; Oliva, David; Rekola, Laura; Hongisto, Valtteri.

Akustiikkapäivät 2015. Kuopio : Akustinen seura, 2015. p. 204-207 (Akustiikkapäivät).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Automated Tonal Balance Enhancement for Audio Mastering Applications. / Mimilakis, Stylianos - Ioannis; Drossos, Konstantinos; Floros, Andreas; Katerelos, Dionisios.

Audio Engineering Society Convention 134. AES Audio Engineering Society, 2013.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Background-Free Second-Harmonic Generation Microscopy of Individual Carbon Nanotubes. / Bautista, Godofredo S.; Johansson, Andreas; Parappurath, Nikhil; Herranen, Olli; Myllyperkiö, Pasi; Jiang, Hua; Kauppinen, Esko; Pettersson, Mika; Kauranen, Martti.

Nonlinear Optics 2015: Kauai, Hawaii United States 26–31 July 2015. OSA, 2015. NW1A.5 (Nonlinear Optics Conference Series).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Barkhausen noise Potcore sensor simulations with Comsol. / Laitinen, Arttu; Santa-aho, Suvi; Lukinmaa, Henri; Suominen, Lasse; Vippola, Minnamari.

12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM, 2017. p. 97-107.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Betonin kosteusteknisten materiaaliominaisuuksien määrittäminen. / Vääntinen, Kari; Tuominen, Eero; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 461-470 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Beyond ic 4.0 : the future potential of bi-tool utilization in the private healthcare. / Ratia, Milla; Myllärniemi, Jussi.
13th International Forum on Knowledge Asset Dynamics, IFKAD 2018: Delft, Netherlands, 4-6 July 2018. 2018.
(Proceedings IFKAD).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Breathers Emergence in Spontaneous Modulation Instability. / Toenger, S.; Godin, T.; Billet, C.; Dias, F.; Erkintalo, M.; Genty, G.; Dudley, J. M.

European Quantum Electronics Conference 2015. Optical Society of America (OSA), 2015. EF_P_25.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta. / Annila, Petri; Lahdensivu, Jukka; Pikkuvirta, Jussa ; Pakkala, Toni.

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 109-114.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Case depth prediction of nitrided components. / Sorsa, Aki; Santa-aho, Suvi; Aylott, Christopher; Shaw, Brian; Vippola, Minnamari; Leiviskä, Kauko.

12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM, 2017. p. 65-72.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Cavitation wear characteristics of Al₂O₃-ZrO₂-ceramic coatings deposited by APS and HVOF -processes. / Kiilakoski, Jarkko; Lukac, Frantisek; Koivuluoto, Heli; Vuoristo, Petri.

International Thermal Spray Conference ITSC 2017, Conference Proceedings: June 7-9, 2017, Düsseldorf, Germany.. Vol. 336 Düsseldorf : DVS Media GmbH, 2017. p. 928-933 (DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Characteristics of Digital Hydraulics with Commercial Controllers. / Huova, Mikko; Ahopelto, Miika ; Ketonen, Miikka; Ahola, Ville; Linjama, Matti; Huhtala, Kalevi .

The Seventh Workshop on Digital Fluid Power . Linz Center of Mechatronics, 2015. p. 114-128.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Clean Components of Fluid Power System Reduce Maintenance Costs. / Rinkinen, Jari ; Elo, Lauri.

Maintenance, Condition Monitoring and Diagnostics; Maintenance Performance Measurement and Management: MCMD 2015 and MPMM 2015. 2015. 2 (2015-10-01).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Computational modelling of high-cycle fatigue using a continuum based model. / Holopainen, Sami; Kouhia, Reijo; Könnö, Juho; Saksala, Timo .

Proceedings of the NSCM28: 28th Nordic Seminar on Computational Mechanics, October 22 – 23, 2015, Tallinn, Estonia. 2015. p. 71-74.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping. / Järvinen, Samu T.; Saari, Sampo; Keskinen, Jorma; Toivonen, Juha.

The European Conference on Lasers and Electro-Optics 2015. Optical Society of America, 2015. p. CH_7_5.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Development of New Kinds of Plasmonics Materials Through Swift Heavy Ion Shaping Technique. / Cardin, Julien; Dufour, Christian; KHOMENKOV, Vladimir; Fafin, Alexandre; Monnet, Isabelle; Rizza, Giancarlo; COULON, Pierre-Eugene; Slablab, Abdallah; Mailly, Dominique; Ulysse, Christian; Lafosse, Xavier; Perruchas, Sandrine; Gacoin, Thierry.

7th International Conference on Materials for Advanced Technologies (ICMAT 2013), Jun 2013, Suntec, Singapore. Singapore, 2013.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Digital Hydraulics on Rails – Pilot Project of Improving Reliability on Railway Rolling Stock by Utilizing Digital Valve System. / Fischer, Helmut; Laamanen, Arto; Iso-Heiko, Anssi; Schäfer, Oliver; Karvonen, Matti; Karhu, Otso; Huhtala, Kalevi; Pulkkinen, Veli-Pekka; Huttunen, Ali.

Proceedings of The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. ed. / Arto Laamanen; Kalevi Huhtala. 2015. p. 644-654.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Dual-Mode Behavior in Multi-Section DFB Semiconductor Lasers with Laterally-Coupled Ridge-Waveguide Surface Gratings. / Uusitalo, Topi; Virtanen, Heikki; Viheriälä, Jukka; Salmi, Joel Olavi; Aho, Antti; Dumitrescu, Mihail.

The European Conference on Lasers and Electro-Optics 2015. OSA - The Optical Society, 2015. CB_P_26.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Dynamics of rogue wave and soliton emergence in spontaneous modulation instability. / Toenger, S.; Godin, T.; Billet, C.; Dias, F.; Erkintalo, M.; Genty, G.; Dudley, J. M.

CLEO: QELS - Fundamental Science, CLEO_QELS 2015. Optical Society of America (OSA), 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

EMCCD imaging of strongly ionizing radioactive materials for safety and security. / Sand, Johan; Ihantola, Sakari; Peräjärvi, Kari; Toivonen, Harri; Nicholl, Adrian; Hrncek, Erich; Toivonen, Juha.

2013 Conference on Lasers and Electro-Optics - International Quantum Electronics Conference. Optical Society of America, 2013. p. JSII_P_1.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Emergency Voice/Stress - level Combined Recognition for Intelligent House Applications. / Drossos, Konstantinos; Floros, Andreas; Agavanakis, Kyriakos; Tattas, Nicolas-Alexander; Kanellopoulos, Nikolaos.

Audio Engineering Society Convention 132. AES Audio Engineering Society, 2012.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Emotion measurement services for knowledge workers. / Vuolle, Maiju; Salenius, Henna-Riikka; Lintinen, Johanna; Mäkinen, Julia .

RESER2015: 25th Annual RESER Conference, September 10-12, 2015 Copenhagen, Denmark. Copenhagen : RESER European Association for Research on Services, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Energiatehokkuusinformaatio palvelurakennuksissa. / Sorri, Jaakko; Heljo, Juhani; Uotila, Ulrika; Ruusala, Annu.

Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut : 24.-26.10.2017, Tampere. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 325-330 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Energiatehokkuus on entistä enemmän sähkötehon hallintaa. / Heljo, Juhani; Sorri, Jaakko; Harsia, Pirkko.

Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 281-286 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Energiatehokkuus rakennusalan ammattityövoiman täydennyskoulutuksessa. / Teriö, Olli; Sorri, Jaakko.

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 97-102.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Engelin teatterin huoneakustiikan mallintaminen. / Kylliäinen, Mikko ; Niemi, Henry; Jäppinen, Jere; Lindqvist, Mikko.

Akustiikkapäivät 2015. Akustinen seura, 2015. p. 145-150 (Akustiikkapäivät).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Enhancement mechanisms for second-harmonic generation from metal nanostructures. / Kauranen, Martti; Czaplicki, Robert; Mäkitalo, Jouni; Lehtolahti, Joonas; Koskinen, Kalle; Laukkanen, Janne; Kuittinen, Markku.
PROCEEDINGS OF SPIE: Ultrafast Phenomena and Nanophotonics XX. Vol. 9746 2015.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Experimental demonstration of temporal ghost imaging. / Ryzckowski, Piotr; Barbier, Margaux; Friberg, Ari T.; Dudley, John M.; Genty, Goery.
2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA, 2015. CF6_3.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Exploration of different boundary conditions in the sideways falling situation in hip fracture finite element modelling. / Abe, Shinya; Ylinen, Antti; Narra Girish, Nathaniel; Nikander, Riku; Hyttinen, Jari; Kouhia, Reijo; Sievänen, Harri .
Proceeding of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry, 2015. p. 130-135.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Fabrication of Fluorescent Silver Nanoclusters-based Micro-Label in Polymers. / Kunwar, Puskal; Hassinen, Jukka; Bautista, Godofredo; Ras, Robin H.A.; Toivonen, Juha.
The European Conference on Lasers and Electro-Optics 2015. OSA, 2015. CM_P_5 (European Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

High-efficiency yellow VECSEL with 20 W output power. / Kantola, Emmi; Leinonen, Tomi; Ranta, Sanna; Tavast, Miki; Guina, Mircea.
Optics Days 2013, Helsinki, Finland: Oral presentation in Optics Days 2013, Helsinki, Finland. 2013.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki. / Kankkunen, Tuukka; Kero, Paavo.
Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 265-270.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Hydraulic Hybrid Actuator: Theoretical Aspects and Solution Alternatives. / Linjama, Matti ; Huova, Mikko ; Pietola, Matti; Juhala, Jyri; Huhtala, Kalevi .
Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power. ed. / Arto Laamanen; Kalevi Huhtala; Janne Uusi-Heikkilä. Tampere : Tampere University of Technology, 2015.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Ilmaääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmaääneneristävyyden kuvaajina. / Kylliäinen, Mikko ; Takala, Joose; Hongisto, Valtteri.
Akustiikkapäivät 2015. Kuopio : Akustinen seura, 2015. p. 158-161 (Akustiikkapäivät).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Ilmastonmuutoksen vaikutus betonijulkisivujen vaurioitumisen etenemiseen. / Pakkala, Toni ; Lemberg, Antti-Matti; Köliö, Arto; Lahdensivu, Jukka .
Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 203-210.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Intensity Interferometry of Supercontinuum Light. / Toenger, Shanti; Ahvenjärvi, Jani; Ryzckowski, Piotr; Genty, Goery.
Trends in Electromagnetic Coherence. ed. / Tero Setälä; Jari Turunen; Ari T. Friberg; Kimmo Saastamoinen. Joensuu : University of Eastern Finland, 2018. (Publications of the University of Eastern Finland. Reports and studies in forestry and natural sciences; No. 32).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Investigating Auditory Human-Machine Interaction: Analysis and Classification of Sounds Commonly Used by Consumer Devices. / Drossos, Konstantinos; Kotsakis, Rigas; Pappas, Panos; Kalliris, George; Floros, Andreas.

Audio Engineering Society Convention 134. AES Audio Engineering Society, 2013. 8812.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Julkisivujen ja parvekkeiden talvikorjausohje. / Pakkala, Toni; Lahdensivu, Jukka; Köliö, Arto; Annala, Petri.

Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 24-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 179-184 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Kapillaaristen vedenimuominaisuuksien määrittämiseen sopivan vapaan vedenimukoelaitteiston kehittäminen. /

Tuominen, Eero; Vinha, Juha.

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 233-238.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Knowledge transfer and work productivity. / Palvalin, Miikka; Vuori, Vilma; Helander, Nina.

Proceedings of 12th International Forum on Knowledge Asset Dynamics: St. Petersburg, Russia 7-9 June 2017. ed. / JC Spender; Giovanni Schiuma; Tatiana Gavrilova. 2017. p. 1120-1134 (Proceedings IFKAD).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen. / Hilliaho, Kimmo ; Nordquist, Birgitta; Wallentén, Petter.

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 509-516 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4; No. 4).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Kosteus- ja mikrobivaurioiden laajuus kuntien rakennuksissa. / Annala, Petri; Hellemaa, Matti; Suonketo, Jommi; Pentti, Matti.

Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015. ed. / Jorma Säteri; Mervi Ahola. Juva, 2015. p. 95-100 (SIY Raportti; Vol. 33).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Kosteusvaurioiden vakavuus kuntien rakennuksissa. / Annala, Petri; Lahdensivu, Jukka; Suonketo, Jommi; Pentti, Matti; Laukkarinen, Anssi; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 135-140 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Koulujen ja päiväkotien laskettu ja toteutunut energiankulutus. / Ruusala, Annu; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 267-274 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Kuorielementtien kuivumisen mallintaminen hydrataation huomioivalla FEM-laskennalla. / Sekki, Pauli; Korhonen, Lauri; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 399-405 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Kustannusoptimaaliset energiakorjaus- ja uusiutuvan energian tuotannon ratkaisut kunnallisissa palvelurakennuksissa. / Jokisalo, Juha; Sankelo, Paula; Sirén, Kai; Vinha, Juha.
Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 287-292.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Laastien vedenimukertoimen määrittämisen virhelähdekokeet. / Tuominen, Eero; Vinha, Juha.
Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 239-244.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Laastin ja betonin lämmönjohtavuuden ja ominaislämpökapasiteetin määrittäminen lämpövirtalevyllä. / Ruuska, Tiina ; Vinha, Juha.

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 227-232.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta. / Laukkarinen, Anssi ; Hilliaho, Kimmo .

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 181-186 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Lessons for data-based value creation. / Myllärniemi, Jussi; Pekkola, Samuli; Helander, Nina.

12th International Forum on Knowledge Asset Dynamics, IFKAD 2017. 2017. p. 398-407 (Proceedings IFKAD).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Low-cost 3D lidar for the mapping of autonomous mobile work machine. / Kolu, Antti ; Rajapolvi, Kimmo; Hyvönen, Mika ; Multanen, Petteri; Huhtala, Kalevi .

Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland. 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Maanvastaisten seinien lämpö- ja kosteustekninen toiminta. / Laukkarinen, Anssi; Heiskanen, Roosa; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 71-76 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Menetelmä parvekelasien ääneneristävyyden mittaamiseksi liikennemelualueilla. / Kovalainen, Ville; Kylliäinen, Mikko.

Rakennusfysiikka 2015. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 617-622.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Mykkäelokuvakauden elokuvateatterien huoneakustiikka. / Saarelainen, Janne; Kylliäinen, Mikko; Hupaniitty, Outi.

Akustiikkapäivät 2015. Kuopio : Akustinen seura, 2015. p. 83-88 (Akustiikkapäivät).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Numerically Efficient Flow Model for On/Off Valves. / Linjama, Matti; Siivonen, Lauri; Huova, Mikko .

Proceedings of the Seventh Workshop on Digital Fluid Power. ed. / Rudolf Scheidl; Bernd Winkler; Helmut Kogler. Linz, Austria : LCM GmbH, 2015. p. 164-172.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Onnistumistekijät valtion tukemissa homekorjaushankkeissa. / Marttila, Tero ; Suonketo, Jommi ; Kero, Paavo ; Annala, Petri .

Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Vol. 4 Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 253-258 152.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

On the choice of damage variable in the continuum fatigue model based on a moving endurance surface. / Saksala, Timo ; Holopainen, Sami ; Kouhia, Reijo .

Proceedings of the XII Finnish Mechanics Day. 2015. p. 57-62.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

On the effect of damping on stability of non-conservative systems. / Jeronen, Juha; Kouhia, Reijo.

Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. ed. / Reijo Kouhia; Jari Mäkinen; Sami Pajunen; Timo Saksala. Rakenteiden Mekaniikan Seura ry, 2015. p. 77.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Paine-erot Pirkanmaan ja Helsingin julkisissa palvelurakennuksissa. / Kauppinen, Antti; Kiviste, Mihkel; Pirhonen, Joni; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 215-221 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Performance management practices in construction business - a service recovery perspective. / Vuolle, Maiju; Sillanpää, Virpi.

8th Conference on Performance Measurement and Management Control. The European Institute for Advanced Studies in Management, EIASM, 2015. (Conference on Performance Measurement and Management Control).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset. / Laukkarinen, Anssi; Musakka, Sami; Penttilä, Olavi; Teriö, Olli; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 167-172 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Puukerrostalorakentamisen kosteudenhallinta. / Teriö, Olli; Penttilä, Olavi; Laukkarinen, Anssi; Musakka, Sami; Vinha, Juha.

Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 173-178 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta. / Junttila, Hannanoora; Laukkarinen, Anssi ; Vinha, Juha .

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 77-82 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Puuväli-pohjien akustiset ominaisuudet. / Latvanne, Pekka; Kylliäinen, Mikko.

Rakennusfysiikka 2015. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 567-572.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Pystytäänkö haitallisia ilmanvaihdevikoja havaitsemaan ja poistamaan. / Heljo, Juhani; Kauppinen, Timo.

Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 325-330.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Raudoitetun betonirakenteen taivutuksen mallintaminen Ansys-ohjelmalla. / Pietilä, Jari; Mäkinen, Jari.
Proceedings of the XII Finnish Mechanics Days. ed. / R Kouhia; J Mäkinen; S Pajunen; T Saksala. Helsinki : Rakenteiden Mekaniikan Seura ry, 2015. p. 91-96.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla. / Köliö, Arto; Hohti, Harri; Pakkala, Toni; Laukkarinen, Anssi; Lahdensivu, Jukka; Mattila, Jussi.
Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 195-202 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Scanning of radioluminescence emission with a PMT for remote detection of alpha contamination. / Sand, J.; Ihanola, S.; Nicholl, A.; Hrncek, E.; Toivonen, J.; Toivonen, H.; Peräjärvi, K.
The European Conference on Lasers and Electro-Optics 2015. Optical Society of America, 2015. CN_2_3.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Second-harmonic generation from thermally-evaporated indium selenide thin films. / Slablab, A.; Divya, S.; Koskinen, K.; Czaplicki, R.; Kailasnath, M.; Radhakrishnan, P.; Kauranen, M.
The European Conference on Lasers and Electro-Optics 2015: Munich Germany 21–25 June 2015. Optical Society of America, 2015. p. CE_12_4.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Shadow Ghost Imaging in the Time Domain. / Ryczkowski, Piotr; Barbier, Margaux; Friberg, Ari T; Dudley, John M; Genty, Goëry.
Frontiers in Optics 2015. OSA, 2015. FW6C.1.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry. / Contreras, Victor; Lonnqvist, Jan; Toivonen, Juha.
2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. Optical Society of America, 2015. p. CH_P_11.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Smart microphone sensor system platform. / Kokkinis, Elias; Drossos, Konstantinos; Tatlas, Nicolas-Alexander; Floros, Andreas; Tsilfidis, Alexandros; Agavanakis, Kyriakos.
Audio Engineering Society Convention 132. AES Audio Engineering Society, 2012.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Sosiaalinen media brändi- ja asiakastiedon lähteenä. / Jussila, Jari; Helander, Nina; Vuori, Vilma; Okkonen, Jussi.
TiedeAreena 2016. ed. / Pauliina Tuomi. Vol. 11 Pori : Tampereen teknillinen yliopisto, Porin laitos, 2016. p. 55-56.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Standardizing the service delivery system for repetitive industrial services. / Poikonen, Elina; Martinsuo, Miia; Nenonen, Sanna.
RESER 2015: 25th Annual RESER Conference. RESER European Association for Research on Services, 2015.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Suomessa markkinoilla olevien kalsiumsilikaattilevyjen rakennusfysikaaliset materiaaliominaisuudet. / Tuominen, Eero; Vainio, Maarit; Vinha, Juha.
Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 24.-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 2 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 455-460 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Suuren lämmöneristämättömän maanvastaisen alapohjan vaikutus rakennuksen energiankulutukseen. / Huttunen, Petteri ; Rantala, Juha; Vinha, Juha.
Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. ed. / Juha Vinha; Henna Kivioja. Vol. 1 Tampere : Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka, 2017. p. 335-342 (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Temporal Ghost Imaging. / Ryczkowski, Piotr; Barbier, Margaux; Friberg, Ari T; Dudley, John M; Genty, Goëry.
Frontiers in Optics 2015. OSA, 2015. FTh4D.4.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

The Parallel Diode and Trap Behaviour of Ternary Polymer Solar Cells. / Kraft, Thomas; Cristoferi, Claudio; Trigaud, Thierry; Nunzi, Jean-Michel; Ratier, Bernard.
EU PVSEC Proceedings. Vol. EU PVSEC 2014 EU PVSEC, 2014. 3BV.5.23.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Thermomechanical properties of overmold epoxies in MEMS packaging. / Fard Sanei, Mohammad Ali; Kiilunen, Janne; Pippola, Juha; Lahokallio, Sanna; Frisk, Laura.
Proceedings of the IMAPS Nordic Annual Conference , June 8-9, 2015, Helsingør, Denmark. IMAPS Nordic, 2015. p. 175-179.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Transpositions and duals high-order tensors. On theory and applications in mechanics. / Holopainen, Sami.
Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. ed. / Reijo Kouhia. Rakenteiden Mekaniikan Seura ry, 2015. p. 188-193 (Journal of Structural Mechanics).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Tunable nonlinear effects through focused spatially phase-shaped beams. / Turquet, L.; Bautista, G.; Karvonen, L.; Dhaka, V.; Chen, Y.; Jiang, H.; Huhtio, T.; Lipsanen, H.; Kauranen, M.
European Quantum Electronics Conference 2015. Optical Society of America, 2015. EG_P_11.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Use of equipment lifecycle data in industrial services. / Ocaña Flores, Moramay; Martinsuo, Miia .
RESER 2015: 25th Annual RESER Conference. Copenhagen : RESER European Association for Research on Services, 2015.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Uudessa COMBI-hankkeessa tutkitaan energiatehokkaan palvelurakentamisen haasteita ja ratkaisuja. / Vinha, Juha ; Hedman, Markku; Sirén, Kai; Harsia, Pirkko; Pentti, Matti; Teriö, Olli ; Heljo, Juhani; Laukkarinen, Anssi ; Annala, Petri; Kaasalainen, Hannu ; Jokisalo, Juha; Pihlajamaa, Pirkko.
Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. ed. / Juha Vinha; Tiina Ruuska. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 487-496 (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; No. 4).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Uusi Rakennusfysiikan käsikirja. / Vinha, Juha .
Sisäilmastoseminaari 2015. 2015. p. 167-172 (Sisäilmastoyhdistys raportti; No. 33).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Uusi Rakennusfysiikan käsikirja - perustiedot rakennusfysikaalisesta suunnittelusta ja tutkimuksista. / Vinha, Juha.
Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. ed. / Juha Vinha; Tiina Ruuska. Tampere : Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka, 2015. p. 115-120.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Valtion tukemien homekorjaushankkeiden arviointi (HKPro 2). / Marttila, Tero; Suonketo, Jommi; Kero, Paavo; Annala, Petri; Pentti, Matti.

Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015: Sisäilmastoseminaari. ed. / Jorma Säteri; Mervi Ahola. Vol. Sisäilmayhdistys raportti 33 Juva, 2015. p. 101-106.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Valtion tukemien homekorjaushankkeiden arviointi -jatkotutkimus (HKPro 3). / Annila, Petri; Marttila, Tero; Kero, Paavo; Suonketo, Jommi; Pentti, Matti.

Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015. ed. / Jorma Säteri; Mervi Ahola. Vol. Sisäilmayhdistys raportti 33 Juva, 2015. p. 107-112 (Sisäilmayhdistys).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

Wood compression model for radial compression of earlywood and latewood. / Moilanen, Carolina; Björkqvist, Tomas; Saarenrinne, Pentti.

Proceedings of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry, 2015. p. 261-266.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific

1180 nm GaInNAs quantum well based high power DBR laser diodes. / Viheriälä, Jukka; Aho, Antti; Virtanen, Heikki; Koskinen, Mervi; Dumitrescu, Mihail; Guina, Mircea.

High-Power Diode Laser Technology XV. ed. / Mark S. Zediker. SPIE, 2017. 100860K (Proceedings of SPIE; Vol. 10086).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

1180nm VECSEL with 50 W output power. / Kantola, Emmi; Leinonen, Tomi; Ranta, Sanna; Tavast, Miki; Penttinen, Jussi-Pekka; Guina, Mircea.

Proceedings of SPIE - The International Society for Optical Engineering. Vol. 9349 SPIE, 2015. 93490U.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

1.3µm U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics. / Viheriälä, Jukka; Tuorila, Heidi; Zia, Nouman; Cherchi, Matteo; Aalto, Timo; Guina, Mircea.

Silicon Photonics XIV. ed. / Graham T. Reed; Andrew P. Knights. SPIE, IEEE, 2019. 109230E (Proceedings of SPIE - The International Society for Optical Engineering; Vol. 10923).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

1.55-µm wavelength wafer-fused OP-VECSELs in flip-chip configuration. / Mereuta, Alexandru; Nechay, Kostiantyn; Caliman, Andrei; Suruceanu, Grigore; Gallo, Pascal; Guina, Mircea; Kapon, Eli.

Vertical External Cavity Surface Emitting Lasers (VECSELs) IX. ed. / Ursula Keller. SPIE, IEEE, 2019. 1090103 (Proceedings of SPIE - The International Society for Optical Engineering; Vol. 10901).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

2D Video Coding of Volumetric Video Data. / Schwarz, Sebastian; Hannuksela, Miska M.; Fakour-Sevom, Vida; Shekhi-Pour, Nahid.

2018 Picture Coding Symposium, PCS 2018 - Proceedings. IEEE, 2018. p. 61-65 8456265.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

360 panorama super-resolution using deep convolutional networks. / Fakour-Sevom, Vida; Guldogan, Esin; Kämäräinen, Joni-Kristian.

VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications. Vol. 4 SCITEPRESS, 2018. p. 159-165.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

405-nm pumped Ce³⁺-doped silica fiber for broadband fluorescence from cyan to red. / Yadav, Amit; Chichkov, Nikolay B.; Gumenyuk, Regina; Zhrebtsov, Evgeny; Melkumov, Mikhail A.; Yashkov, Mikhail V.; Dianov, Evgeny M.; Rafailov, Edik U.

Optical Components and Materials XVI. ed. / Michel J. F. Digonnet; Shubin Jiang. SPIE, IEEE, 2019. 1091406 (Proceedings of SPIE - The International Society for Optical Engineering; Vol. 10914).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

50 W VECSEL emitting at 1180 nm. / Kantola, E.; Leinonen, T.; Penttinen, J.-P.; Tavast, M.; Ranta, S.; Guina, M.

2015 Conference on Lasers and Electro-Optics Europe - European Quantum Electronics Conference, 21.-25.6. Munich, Germany: CB_3_1. OSA, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A 1.5-W frequency doubled semiconductor disk laser tunable over 40 nm at around 745 nm. / Saarinen, Esa J.; Lyytikäinen, Jari; Ranta, Sanna; Rantamäki, Antti; Saarela, Antti; Sirbu, Alexei; Iakovlev, Vladimir; Kapon, Eli; Okhotnikov, Oleg G.

Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI. Vol. 9734 SPIE, 2016. 97340P-8 (Spie conference proceedings).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A bibliometric study on authorship trends and research themes in knowledge management literature. / Jussila, Jari J.; Mustafee, Navonil; Aramo-Immonen, Heli; Menon, Karan; Hajikhani, Arash; Helander, Nina.

12th International Forum on Knowledge Asset Dynamics, St. Petersburg, Russia 7-9 June 2017: Knowledge Management in the 21th Century: Resilience, Creativity and Co-creation. Vol. 12 St. Petersburg, Russia, 2017. p. 389-397.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A Capacity Bound for mmWave-based Channel Access in Ultra-Dense Wearable Deployments. / Galinina, Olga; Turlikov, Andrey; Pyattaev, Alexander; Johnsson, Kerstin; Andreev, Sergey; Koucheryavy, Yevgeni.

2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2015. p. 298-304.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Accessible Games for Blind Children, Empowered by Binaural Sound. / Drossos, Konstantinos; Zormpas, Nikolaos; Giannakopoulos, George; Floros, Andreas.

Proceedings of the 8th ACM International Conference on Pervasive Technologies Related to Assistive Environments. New York, NY, USA : Association for Computing Machinery (ACM), 2015. p. 5:1-5:8 (PETRA '15).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Accurate depth estimation from a sequence of monocular images supported by proprioceptive sensors. / Davidson, P.; Raunio, J. P.; Piché, R.

23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation, 2016. p. 249-257.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A computationally feasible optimization approach to inverse SAR translational motion compensation. / Vehmas, Risto; Jylhä, Juha; Väilä, Minna; Kylmälä, Jarkko.

Proceedings of the 12th European Radar Conference (EuRAD 2015). IEEE, 2015. p. 17-20.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A continuum damage model for creep fracture and fatigue analyses. / Kauppila, Petteri; Kouhia, Reijo; Ojanperä, Juha; Saksala, Timo; Sorjonen, Timo.

21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy. 2016. p. 887-894 (Procedia Structural Integrity; Vol. 2).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A coordination-based brokerage architecture for multi-cloud resource markets. / Aldawood, Sarah; Fowley, Frank; Pahl, Claus; Taibi, Davide; Liu, Xiaodong.

Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016. Institute of Electrical and Electronics Engineers Inc., 2016. p. 7-14.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Action and power efficiency in self-organization : The case for growth efficiency as a cellular objective in escherichia coli. / Georgiev, Georgi Jordanov; Aho, Tommi; Kesseli, Juha; Yli-Harja, Olli; Kauffman, Stuart A.

Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems. ed. / Claudio L. Flores Martinez; Georgi Jordanov Georgiev; John M. Smart; Michael E. Price. Springer, 2019. p. 229-244 (Springer Proceedings in Complexity).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Action recognition using the 3D dense microblock difference. / Voronin, V.; Pismenskova, M.; Zelensky, A.; Cen, Yigang; Nadykto, A.; Egiazarian, K.

Counterterrorism, Crime Fighting, Forensics, and Surveillance Technologies II. SPIE, 2018. 108020O (Proceedings of SPIE; Vol. 10802).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Actors' agency in the routines of innovation project portfolio management. / Martinsuo, Miia; Vuorinen, Lauri.

Proceedings of the EURAM European Academy of Management Conference 2019: 26-28 June 2019, Lisbon, Portugal. European Academy of Management, EURAM, 2019. (EURAM conference).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Adapting service-based working culture as the key driver for organisational creativity and innovation. / Ketonen-Oksi, Sanna.

Towards a new architecture of knowledge : Big Data, culture and creativity: IFKAD 2016-11th International Forum on Knowledge Asset Dynamics, Dresden 15-17.6.2016, Germany. 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Adaptive Feedback in Local Coordinates for Real-time Vision-Based Motion Control Over Long Distances. / M. Aref, Mohammad; Astola, Pekka; Vihonen, Juho; Tabus, Ioan; Ghabcheloo, Reza; Mattila, Jouni.

International Conference on Robotics and Mechantronics : (ICRoM 2017). Vol. 320 IOP Publishing Ltd., 2018. 012009 (IOP conference series : materials science and engineering).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Advocator, jester, spokesperson, provocateur and boundary spanner? Exploring different communication styles at twitter. / Ketonen-Oksi, Sanna; Jalonen, Harri.

12th Conference proceedings of IFKAD2017: St.Petersburg, Russia, 7-9 June 2017. 2017. (Proceedings IFKAD).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A dynamical quality model to continuously monitor software maintenance. / Lenarduzzi, Valentina; Stan, Alexandru Cristian; Taibi, Davide; Tosi, Davide; Venters, Gustavs.

Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017. Academic Conferences and Publishing International Limited, 2017. p. 168-178.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A dynamic paper machine simulator for testing of model predictive control applications. / Yli-Fossi, Timo; Kuusisto, Risto.

Proceedings of AutomaatioXXI seminaari. Suomen Automaatioseura ry, 2015. p. 1-6 (SAS julkaisusarja; No. 42).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Affective experiences and student engagement in higher education. / Helander, N.; Boedeker, M.; Hellsten, P.; Jussila, J.; Myllärniemi, J.; Tukiainen, M.

44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland. Tampere, 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A follow-up case study of the relation of PLM Architecture, Maturity and Business processes. / Vainio, Ville V.; Pulkkinen, Antti.

Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers. Springer New York LLC, 2016. p. 867-873 (IFIP Advances in Information and Communication Technology; Vol. 467).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Agency relationships in global project business. / Ahola, Tuomas; Stähle, Matias; Martinsuo, Miia.

Proceedings of EURAM18 European Academy of Management conference 2018. European Academy of Management, EURAM, 2018. (EURAM conference).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Agile methods in performance management system development process. / Stormi, Kati ; Laine, Teemu ; Korhonen, Tuomas .
10th Conference On New Directions In Management Accounting, Brussels, Belgium, December 14-16, 2016. 2016.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Alpha radiation induced luminescence in solar blind spectral region. / Kerst, Thomas; Toivonen, Juha.
CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society, 2018.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A mixed-integer linear programming approach for global discrete size optimization of frame structures. / Van Mellaert, R.; Mela, K.; Tiainen, T.; Heinisuo, M.; Lombaert, G.; Schevenels, M.
ECCOMAS Congress 2016 - Proceedings of the 7th European Congress on Computational Methods in Applied Sciences and Engineering: Crete; Greece; 5 June 2016 through 10 June 2016. Vol. 2 National Technical University of Athens, 2016. p. 3395-3408.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A model based analysis of the measurement errors in inductively coupled passive resonance sensors. / Salpavaara, Timo ; Lekkala, Jukka.
IMEKO XXI World Congress, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic. ed. / Jan Holub. 2015.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A model for profiling information and knowledge management in the public sector. / Jääskeläinen, Aki; Sillanpää, Virpi; Helander, Nina.
Proceedings of 14th IFKAD 2019 conference: Matera, Italy, 5-7 June. . 2019. (Proceedings IFKAD).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

An accurate small-signal model of a three-phase VSI-based photovoltaic inverter with LCL-filter. / Aapro, Aapo; Messo, Tuomas; Suntio, Teuvo.
9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia). 2015. p. 2267-2274.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Analysis of Cognitive Cooperative Networks with Best Relay Selection and Diversity Reception. / Ho-Van, Khuong; Sofotasios, Paschalis C.; Que Son, Vo; Thanh Tra, Luu; Hong Lien, Pham.
2015 International Conference on Advanced Technologies for Communications (ATC). IEEE, 2015. p. 651-656.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Analysis of Crowdsensed WiFi Fingerprints for Indoor Localization. / Peng, Zhe; Richter, Philipp; Leppäkoski, Helena; Lohan, Elena-Simona.
Proceedings of the 21st Conference of Open Innovations Association FRUCT. Helsinki, Finland : FRUCT, 2017. p. 268-277.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Analysis of Real Mobility Records in Urban and Suburban Environments. / Alexandru, Rusu Casandra; Lohan, Elena-Simona.
26TH DAAAM International Symposium on Intelligent Manufacturing and Automation. DAAAM International, 2016. p. 0688-0692.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Analysis of the aircraft operational reliability research series: From statistical models to avionics data monitoring. / Laitinen, Jouko; Niemi, Arto.
Proceedings of the 9th World congress on engineering asset management (WCEAM 2014), Pretoria, South Africa 28-31 Oct, 2014. 2015.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Analysis of upconversion nanoparticles as an active medium for upconversion light sources. / Fedotov, Andrei; Pominova, Daria; Orlovskaya, Elena; Orlovskii, Yurii; Niemi, Tapio; Gumenyuk, Regina.

Proceedings of SPIE: Optical Components and Materials XVI. Vol. 10914 S P I E - International Society for Optical Engineering, 2019. 109140R (Proceedings of SPIE : the International Society for Optical Engineering; Vol. 10914).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos. / Monakhov, Dmitrii; Naik, Deepa; Curcio, Igor D. D.; Toukoma, Henri.
SMPTE 2018. SMPTE, 2018.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A new method to calculate natural convection heat transfer from a non-isothermal fin array. / Lampio, Kaj; Karvinen, Reijo.
Proceedings of the 7th Baltic Heat Transfer Conference, August 24-26 2015, Tallinn Estonia. ed. / Dmitri Neshumayev; Bengt Sunden. Tallinn : Tallinn University of Technology, 2015. (Baltic Heat Transfer Conference BHTC).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A new waveguiding mechanism based upon geometric phase. / Alberucci, Alessandro; Pannian, Jisha C.; Slussarenko, Sergei; Piccirillo, Bruno; Santamato, Enrico; Marrucci, Lorenzo; Assanto, Gaetano.
Frontiers in Optics 2016. Optical Society of America (OSA), 2016. FF3H.3.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

An example of scenario-based evaluation of military capability areas An impact assessment of alternative systems on operations. / Suojanen, Marko; Kuikka, Vesa; Nikkarila, Juha Pekka; Nurmi, Jari.

9th Annual IEEE International Systems Conference, SysCon 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc., 2015. p. 601-607.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

An Initial Homophily Indicator to Reinforce Context-Aware Semantic Computing. / Rivero-Rodriguez, Alejandro; Pileggi, Paolo; Nykänen, Ossi.

7th International Conference on Computational Intelligence, Communication Systems and Networks (CICSyN). Riga : IEEE, 2015. p. 89-93 (International Conference on Computational Intelligence, Communications and Networks).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A NLOS-robust TOA positioning filter based on a skew-t measurement noise model. / Nurminen, Henri; Ardeshiri, Tohid; Piche, Robert; Gustafsson, Fredrik.

2015 International Conference on Indoor Positioning and Indoor Navigation (IPIN). IEEE, 2015. p. 1-7.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Anomaly Detection and Diagnostics of a Wheel Loader Using Dynamic Mathematical Model and Joint Probability Distributions. / Krogerus, Tomi; Hyvönen, Mika; Backas, Joni; Huhtala, Kalevi.

Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland. Tampere University of Technology. Department of Intelligent Hydraulics and Automation, 2015. (The Scandinavian International Conference on Fluid Power).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Appearance of a Drift Problem in Variable-step Perturbative MPPT Algorithms. / Kivimäki, Jyri; Suntio, Teuvo.

31st European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC). 2015. p. 1602-1608.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Applying third-party moocs in programming education: a case study. / Saari, M.; Mäkinen, T.; Linna, P.

9th International Conference on Education and New Learning Technologies: 3-5 July, 2017 Barcelona, Spain. Barcelona, Spain : IATED, 2017. p. 53-59.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Architectural patterns for microservices : A systematic mapping study. / Taibi, Davide; Lenarduzzi, Valentina; Pahl, Claus.

CLOSER 2018 - Proceedings of the 8th International Conference on Cloud Computing and Services Science. SCITEPRESS, 2018. p. 221-232.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Architecture for Open, Knowledge-Driven Manufacturing Execution System. / Iarovyi, Sergii; Xu, Xiangbin; Lobov, Andrei; Lastra, Jose L. Martinez; Strzelczak, Stanislaw.
Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth. Springer, 2015. p. 519-527.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A Semantic Meta-Model Repository for Lightweight M2M. / Silverajan, B.; Zhao, Hanning; Kamath, Arjun.
2018 IEEE International Conference on Communication Systems, ICCS 2018. IEEE, 2019. p. 468-472.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A social capital perspective on gaining optimal solutions from suppliers as preferred customer. / Jääskeläinen, Aki; Schiele, Holger; Aarikka-Stenroos, Leena.

Academy of Management Proceedings. Vol. 2018 1. ed. Academy of Management AOM, 2018. (Academy of Management Proceedings; Vol. 2018, No. 1).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A Socially-Intelligent Multi-Robot Service Team for In-Home Monitoring. / Drossos, Konstantinos; Floros, Andreas; Potirakis, Stelios; Tatlas, Nicolas-Alexander; Tuna, Gurkan.

Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE, 2014. p. 159-164.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Assessing business learning by analysing ERP simulation log files. / Nisula, Karoliina; Pekkola, Samuli.

AIS SIGED 2016 Conference on IS education and Research. : Dublin, Ireland, December 10-11, 2016. Dublin, 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Assessment of student retention using the Evolute approach, an overview. / Einolander, Jarno; Vanharanta, Hannu.

6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier, 2015. p. 581-586 (Procedia Manufacturing; Vol. 3).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A study on the behaviour of the weathered crust in the Perniö failure test. / D'Ignazio, Marco; Di Buo, Bruno; Länsivaara, Tim .

Proceedings of the XVI ECSMGE 2015: 13-17 September 2015 - Edinburgh, Geotechnical Engineering for Infrastructure and Development. ICE Publishing, 2015. p. 3639-3644.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A Survey of People Movement Analytics Studies in the Context of Smart Cities. / Lohan, Elena-Simona; Kauppinen, Tomi; Debnath, Sree Bash Chandra.

Proceedings of the FRUCT'19. 2016. p. 151-158.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A trial of yoking-proof protocol in RFID-based smart-home environment. / Prudanov, Anton; Tkachev, Sergey; Golos, Nikolay; Masek, Pavel; Hosek, Jiri; Fujdiak, Radek; Zeman, Krystof; Ometov, Aleksandr; Bezzateev, Sergey; Voloshina, Natalia; Andreev, Sergey; Misurec, Jiri.

Distributed Computer and Communication Networks - 19th International Conference, DCCN 2016, Revised Selected Papers. Vol. 678 Springer Verlag, 2016. p. 25-34 (Communications in Computer and Information Science; Vol. 678).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Augmenting Technology Trees: Automation and Tool Support. / Heinimäki, Teemu J.; Elomaa, Tapio.

Proceedings of the Seventh International Conference on Virtual Worlds and Games for Serious Applications (VS-Games 2015). IEEE, 2015. p. 68-75.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Automated pile transfer work cycles with a robotic wheel loader. / Halbach, Eric; Kolu, Antti; Ghabcheloo, Reza.
17th International Conference on Computing in Civil and Building Engineering (ICCCBE): Tampere, 5-7 June 2018. ed. / K. Mela; S. Pajunen; V. Raasakka. Tampere, Finland : RIL, 2018.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Automatic Classification of Z-ring Formation Stages at the Single Cell Level in Escherichia Coli by Machine Learning. / Zare, Marzieh; Neeli-Venkata, Ramakanth; Martins, Leonardo; Peltonen, Sari; Ruotsalainen, Ulla; Ribeiro, Andre S.
Proceedings of the 10th International Joint Conference on Biomedical Engineering Systems and Technologies, Vol 2: Bioimaging. ed. / M Silveira; A Fred; H Gamboa; M Vaz. SCITEPRESS, 2017. p. 72-76.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

A Variable Battery Supply DC-DC Buck Converter Designed for 45nm-CMOS Technology. / Fouladi, Arash; Järvenhaara, Jani; Filanovsky, Igor M.; Tchamov, Nikolay T.
2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016.. 2016.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Back-calculation of the Saint-Alban A test embankment with a new modelling approach in LEM. / Lehtonen, V.; Lämsivaara, T.
Proceedings of the The 17th Nordic Geotechnical Meeting, Reykjavik Iceland: 25th - 28th of May 2016. 2016. p. 691-699.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Backend infrastructure supporting audio augmented reality and storytelling. / Salo, Kari; Giova, Diana; Mikkonen, Tommi.
Human Interface and the Management of Information: Applications and Services: 18th International Conference, HCI International 2016 Toronto, Canada, July 17-22, 2016. Proceedings, Part II. Springer Verlag, 2016. p. 325-335 (Lecture Notes in Computer Science; Vol. 9735).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Balancing Expectations to the Health Software Production Process Standard. / Värrö, Alpo.
The 3rd International Virtual Research Conference In Technical Disciplines. 2015. (RCITD - Proceedings in Research Conference in Technical Disciplines).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Beaconing in a highway scenario : Vulnerable vehicles problem. / Tariq, Ali Bin.
Proceedings of the 11th Conference of Open Innovations Association FRUCT, FRUCT 2012. Vol. 2012-April IEEE, 2012. p. 169-175.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds. / Drossos, K.; Floros, A.; Giannakoulopoulos, Andreas.
Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE, 2014. p. 158-163.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Being a start-upper in Italy : Motivations, obstacles and success factors. / Michele Felicetti, Alberto; Ammirato, Salvatore; Raso, Cinzia; Aramo-Immonen, Heli; Jussila, Jari .
Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity. Dresden, 2016. p. 1370-1383 182.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Benchmarking of Factory Level ESD Control. / Viheriäkoski, Toni; Kohtamäki, Jari; Peltoniemi, Terttu; Tamminen, Pasi.
Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015 USA : IEEE COMPUTER SOC, 2015. 6B.1.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Benchmarking of several disparity estimation algorithms for light field processing. / Zakeri, Faezeh Sadat; Bätz, Michel; Jaschke, Tobias; Keinert, Joachim; Chuchvara, Alexandra.

Fourteenth International Conference on Quality Control by Artificial Vision. ed. / Stephane Bazeille; Nicolas Verrier; Christophe Cudel. SPIE, IEEE, 2019. 111721C (Proceedings of SPIE - The International Society for Optical Engineering; Vol. 11172).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Bioimpedance measurement system for evaluation of the status of wound healing. / Kekonen, Atte; Bergelin, Mikael; Eriksson, Jan-Erik; Ylänen, Heimo; Kielosto, Sami; Viik, Jari.

2016 15th Biennial Baltic Electronics Conference (BEC) . IEEE, 2016. p. 175-178.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal. / Naumenko, V.; Solodovnik, V.; Totsky, A.; Zelensky, A.; Astola, J.

2015 Second International Scientific-Practical Conference Problems of Infocommunications Science and Technology (PIC S&T). IEEE, 2015. p. 224-226.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Blind estimation of speckle variance in synthetic aperture radar images. / Abramova, V. V.; Kozhemiakin, R.; Abramov, S. K.; Lukin, V. V.; Zelensky, A. A.; Egiazarian, K.

2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc., 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Building Codes and Demand Response of Energy Use. / Sorri, Jaakko; Heljo, Juhani; Järventausta, Pertti; Honkapuro, Samuli; Harsia, Pirkko.

Proceedings of the CIB World Building Congress 2016: Volume IV: Understanding Impacts and Functioning of Different Solutions. ed. / Suvi Nenonen; Juha-Matti Junnonen. Vol. 4 Tampere University of Technology. Department of Civil Engineering, 2016. p. 8-21.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Building energy retrofits, occupant health and wellbeing. / Haverinen-Shaughnessy, Ulla; Pekkonen, Maria; Turunen, Mari; Aaltonen, Anu; Leivo, Virpi.

CIB World Building Congress 2016 Proceedings : Volume 2 Environmental Opportunities and challenges - Constructing commitment and acknowledging human experiences. ed. / Matthijs Prins; Hans Wamelink; Bob Giddings; Kihong Ku; Manon Feenstra. Vol. 2 Tampere University of Technology. Department of Civil Engineering, 2016. p. 679-687.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Business intelligence approach – a practical tool for competence based curriculum development. / Myllärniemi, J.; Helander, N.; Hellsten, P.; Mahlamäki, T.; Repo, S.

EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain. IATED, 2017. p. 6387-6393.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Business models in the circular economy: a structured multiple-case analysis. / Ranta, Valtteri; Aarikka-Stenroos, Leena; Mäkinen, Saku.

Proceedings of ISPIM Innovation Summit, Kuala Lumpur, Malaysia. The International Society for Professional Innovation Management (ISPIM): 4-7 December 2016. 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Bus Transportation Accessibility - Does It Impact Housing Values? / Kurvinen, Antti; Sorri, Jaakko .

Proceedings of the CIB World Building Congress 2016: Understanding impacts and functioning of different solutions. ed. / Suvi Nenonen; Juha-Matti Junnonen. Vol. IV Tampere : Tampere University of Technology. Department of Civil Engineering, 2016. p. 321-331.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Campus retrofitting (CARE) methodology: a way to co-create future learning environments. / Nenonen, Suvi; Eriksson, Robert; Niemi, Olli; Junghans, Antje; Nielsen, Susanne Balslev; Lindahl, Göran.

Proceedings of the 20th CIB World Building Congress 2016: May 30-June 3, 2016, Tampere, Finland. 2016. p. 738-749.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Capturing knowledge from research projects: From project reports to storytelling. / Machado, Marcelo A.; Magnier-Watanabe, Remy; Peltola, Tero.
2016 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE, 2016. p. 2048-2057.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Car Type Recognition with Deep Neural Networks. / Huttunen, Heikki; Shokrollahi Yancheshmeh, Fatemeh; Chen, Ke.
2016 IEEE Intelligent Vehicles Symposium, IV 2016. IEEE, 2016. p. 1115-1120.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes. / Matikainen, Ville; Rubio, Silvia ; Ojala, Niko; Koivuluoto, Heli ; Schubert, Jan; Houdková, Sarka; Vuoristo, Petri.

Materials Science and Technology Conference and Exhibition 2017, MS and T 2017: October 8-12, 2017, Pittsburgh, Pennsylvania USA. Vol. 2 Association for Iron and Steel Technology, AISTECH, 2017. p. 1161-1163.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

CBRN Defense Using THz Pulse Trains from Semiconductor Disk Lasers. / Saarinen, Esa.

NATO ARW on THz Diagnostics of CBRN effects and Detection of Explosives & CBRN: Proceedings of the NATO ARW on Detection of Explosives and CBRN. 2015. (NATO Science for Peace and Security Series B: Physics and Biophysics).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Challenges Facing BIM Education : Development of Appropriate Teaching and Learning Resources. / Puolitaival, Taija; Forsythe, Perry; Kähkönen, Kalle.

RICS COBRA AUBEA 2015: The Construction, Building and Real Estate Research Conference of the Royal Institution of Chartered Surveyors . London : Royal Institution of Chartered Surveyors, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Characterising the industrial context of engineering change management. / Pulkkinen, Antti; Huhtala, Petri; Leino, Simo-Pekka; Anttila, Juha Pekka; Vainio, Ville V.

Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers. Springer New York LLC, 2016. p. 618-627 (IFIP Advances in Information and Communication Technology; Vol. 467).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Characterizing the Context of Use in Mobile Work. / Väättäjä, Heli.

Human Work Interaction Design. Work Analysis and Interaction Design Methods for Pervasive and Smart Workplaces: 4th IFIP 13.6 Working Conference, HWID 2015, London, UK, June 25-26, 2015, Revised Selected Papers. Springer Verlag, 2015. p. 97-113 (IFIP Advances in Information and Communication Technology; Vol. 468).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Charged cable-system ESD event. / Tamminen, Pasi; Viheriäkoski, Toni.

2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE, 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Charge relaxation of slowly dissipative polymers. / Viheriäkoski, Toni; Kärjä, Eira; Hillberg, Jukka; Tamminen, Pasi.

2016 38th Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE, 2016. p. 1-9.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Circularly Polarized Textile Antenna For 2.45 GHz. / Rizwan, Muhammad; Rahmat-Samii, Yahya; Ukkonen, Leena.

Circularly Polarized Textile Antenna For 2.45 GHz. IEEE, 2015. p. 51-52.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Coarse-grained model of protein interaction for bio-inspired nano-communication. / Knyazev, S.; Tarakanov, S.; Kuznetsov, V.; Porozov, Yu; Koucheryav, Y.; Stepanov, E.

2014 6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). 2015. p. 260-262.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Color-distribution similarity by information theoretic divergence for color images. / Murayama, Mizuki; Oguro, Daisuke; Kikuchi, Hisakazu; Huttunen, Heikki; Ho, Yo Sung; Shin, Jaeho.

2016 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2016. IEEE, 2017.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Combining Product Innovation With Service Innovation to Increase Value Created With a System. / Ritola, Tuomas; Coatanea, Eric.

Proceedings of the ASME international mechanical engineering congress and exposition, 2013, vol 12. AMER SOC MECHANICAL ENGINEERS, 2014.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice. / Koivisto, K.; Forsman, J.; Ronkainen, M.; Lahtinen, P.; Kolisoja, P.; Kuula, P.

Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May. Reykjavik : Icelandic Geotechnical Society, 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Comparative evaluation of radio propagation properties at 15 GHz and 60 GHz frequencies. / Solomitskii, D.; Semkin, V.; Naderpour, R.; Ometov, A.; Andreev, S.

2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2017. p. 91-95.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Comparing two methods for Urban Complexity calculation using Shannon-Wiener index. / López Baeza, Jesús; Cerrone, Damiano; Männigo, Kristjan.

Comparing two methods for Urban Complexity calculation using Shannon-Wiener index. WIT Press, 2017. p. 369-378 (WIT Transactions on Ecology and The Environment; Vol. 226).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Comparison of food frequency questionnaire data and shopping records for the assessment of food intake. / Kallonen, Antti; Nieminen, Hannu; Das, Soumya; Sallinen, Riitta.

Proceedings of Seventh International Conference on Well-Being in the Information Society: Fighting Inequalities (WIS 2018). 2018. p. 25-30 (TUCS Lecture Notes; Vol. 28).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Compensation of PV generator output power fluctuations with energy storage systems. / Schnabel, Julius; Valkealahti, Seppo.

31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany. 2015. p. 2177-2181.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Competence portfolio assessment of research and development center for regional development. / Salminen, Vesa; Kantola, Jussi I.; Vanharanta, Hannu .

6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 . Elsevier, 2015. p. 701-708 (Procedia Manufacturing; Vol. 3).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Composite Nonlinear Feedback Control of a Chemical Reactor. / Pyrhönen, Veli-Pekka; Koivisto, Hannu .

Proceedings of AutomaatioXXI, The Industrial Revolution of Internet – From Intelligent Devices to Networked Intelligence. Helsinki, Finland : Suomen Automaatioseura ry, 2015. (SAS julkaisusarja; Vol. 44).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Comprehensive survey of similarity measures for ranked based location fingerprinting algorithm. / Minaev, Georgy; Visa, Ari; Piche, Robert.

Indoor Positioning and Indoor Navigation (IPIN), 2017 International Conference on. IEEE, 2017.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Computational wavelength resolution for in-line lensless holography : Phase-coded diffraction patterns and wavefront group-sparsity. / Katkovnik, Vladimir; Shevkunov, Igor; Petrov, Nikolay V.; Egiazarian, Karen.

Digital Optical Technologies 2017. SPIE, 2017. 1033509 (Proceedings of SPIE; Vol. 10335).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Computer-supported collaborative learning : Praxes in new cell-oriented configurable PC-classroom. / Pyrhönen, Veli-Pekka; Seppälä, Jari; Salmenperä, Mikko.

SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation. 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Computer vision aided navigation systems. / Davidson, P.; Merkulova, I.

23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation, 2016. p. 560-562.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Consensus building in the pre-design phase of building projects. / Keinänen, Marko ; Uotila, Ulrika ; Sorri, Jaakko ; Teriö, Olli ; Kähkönen, Kalle .

WBC16 Proceedings of the CIB World Building Congress 2016 Volume II : Environmental Opportunities and challenges, Constructing commitment and acknowledging human experiences. ed. / Matthijs Prins; Hans Wamelink; Bob Giddings; Kihong Ku; Manon Feenstra. Vol. Volume II Tampere University of Technology. Department of Civil Engineering, 2016. p. 561-572 (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics.).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives. / Ortombina, L.; Liegmann, E.; Karamanakos, P.; Tinazzi, F.; Zigliotto, M.; Kennel, R.

2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018. IEEE, 2018. 8460173.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Consumer acceptance in new service innovation: Enhancing consumer durables with new product-related services. / Vaittinen, Eija; Nenonen, Sanna.

Proceedings of the 22nd Innovation Product Development Management Conference (IPDMC) . 2015. (International Product Development Management Conference).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Contact analysis included in a 3D FEA of tube splices. / Perttola, Henri; Ronni, Hilikka; Heinisuo, Markku.

Eurosteel 2014 7th European conference on steel and composite structures. 2014.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Control of Electric Vehicle Charging in Domestic Real Estates as Part of Demand Response Functionality. / Rautiainen, Antti; Lummi, Kimmo; Järventausta, Pertti; Tikka, Ville; Lana, Andrey.

Cired Workshop 2016. 2016. 0240.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Convolutional Recurrent Neural Networks for Rare Sound Event Detection. / Cakir, Emre; Virtanen, Tuomas.

Proceedings of the Detection and Classification of Acoustic Scenes and Events 2017 Workshop (DCASE2017). Tampere University of Technology. Laboratory of Signal Processing, 2017. p. 27-31.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Coopetition and company performance. / Helander, Nina ; Vesalainen, Jukka; Juha, Puskala.

IMP 2015 Conference. 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags. / Brechet, Nicolas; Ginestet, Galatee; Moradi, Elham; Ukkonen, Leena; Torres, Jeremie; Björninen, Toni; Virkki, Johanna.

Proceedings of IEEE 2017 International Workshop on Antenna Technology. IEEE, 2017. p. 30-33.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

CueSense: a Wearable Proximity-Aware Display Enhancing Encounters. / Jarusriboonchai, Pradthana; Olsson, Thomas; Prabhu, Vikas; Väänänen-Vainio-Mattila, Kaisa.

CHI EA '15 Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems . ACM, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Culture-Aware Web Information System Development. / Jaakkola, Hannu ; Thalheim, Bernhard.

25th International Conference on Information Modelling and Knowledge Bases EJC 2015 June 9-12, 2015, Maribor, Slovenia. ed. / Tatjana Welzer; Marko Hölbl; Yasushi Kiyoki; Bernhard Thalheim; Hannu Jaakkola. Maribor : University of Maribor, Faculty of Electrical Engineering and Computer Science, 2015. p. 121-138.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Culture-Aware Web Information Systems in Dependence of Context. / Jaakkola, Hannu; Thalheim, Bernhard.

The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases. ed. / Virach Sornlertlamvanich; Petchporn Chawakitchareon; Aran Hansuebsai; Chawan Koopipat; Yasushi Kiyoki; Hannu Jaakkola; Bernhard Thalheim; Naofum Yoshida. Sirindhorn International Institute of Technology, Thammasat University, Thailand, 2017. p. 309-331.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Customer lifetime value in manufacturing services. / Stormi, Kati ; Laine, Teemu ; Suomala, Petri .

Proceedings of the Manufacturing Accounting Research Conference 2016: Lisbon, Portugal, June 15-17, 2016. Belgium : European Institute for Advanced Studies in Management EIASM, 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Customer Perceived Value - A Key in Marketing of Integrated Solutions. / Helander, Nina; Sillanpää, Virpi; Vuori, Vilma; Uusitalo, Olavi.

The 5th International Conference on Strategic Innovative Marketing., At Athens, Greece, Volume: 5: September 23-26, 2016. ed. / A. Kavoura; D. Sakas; P. Tomaras. Springer, 2017. p. 37-42 (Springer Proceedings in Business and Economics).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Customers' conscious experience in a coffee shop. / Vanharanta, Hannu; Kantola, Jussi ; Seikola, Sami.

6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015 . Elsevier, 2015. p. 618-625 (Procedia Manufacturing; Vol. 3).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Customer value management framework for supply chains. / Ala-Maakala, Mariikka ; Liimatainen, Heikki .

The proceedings of 21st international symposium on logistics (ISL 2016): Sustainable transport and supply chain innovation, Kaohsiung, Taiwan 3-6 July 2016. ed. / Kulwant Pawar. 2016. p. 447-456.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

D2D communications for mobile devices: Technology overview and prototype implementation. / Devos, Mathieu; Ometov, Aleksandr; Mäkitalo, Niko; Aaltonen, Timo; Andreev, Sergey; Koucheryavy, Yevgeni.

8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE, 2016. p. 124-129.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Data-Driven Approach for Analysis of Performance Indices in Mobile Work Machines. / Väyrynen, Teemu; Peltokangas, Suvi; Anttila, Eero; Viikko, Matti.

DATA ANALYTICS 2015, The Fourth International Conference on Data Analytics. ed. / Thomas Klemas; Steve Chan. 2015. p. 81-86.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

DCASE 2016 Acoustic Scene Classification Using Convolutional Neural Networks. / Valenti, Michele; Diment, Aleksandr; Parascandolo, Giambattista; Squartini, Stefano; Virtanen, Tuomas.

Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016). Tampere University of Technology. Department of Signal Processing, 2016.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Decision making on sustainability in product development projects. / Martinsuo, Miia; Arvio, Ilkka.

15th Annual Conference of EURAM European Academy of Management: EURAM 2015. Warsaw : European Academy of Management, EURAM, 2015.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Demolished buildings : Empirical evidence on types, ages and construction materials. / Huuhka, Satu .

CESB16 - Central Europe towards Sustainable Building 2016: Innovations for Sustainable Future, June 22-24, 2016, Prague. ed. / Petr Hajek; Jan Tywoniak; Antonin Lupisek; Katerina Sojkova. Prague : Czech Technical University in Prague, 2016. p. 1105-1112.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Demolition Rates of Buildings with Different Functions and Construction Materials. / Huuhka, Satu .

YRSB16 - iiSBE Forum of Young Researchers in Sustainable Building 2016: Innovations for Sustainable Future June 21, 2016, Prague. ed. / Julie Zelezna; Petr Hajek; Jan Tywoniak; Antonin Lupisek; Katerina Sojkova. Prague : Czech Technical University in Prague, 2016. p. 301-307.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications. / Mäki, Antti-Juhana; Kontunen, Anton; Ryyänen, Tomi; Verho, Jarmo; Kreutzer, Joose; Lekkala, Jukka; Kallio, Pasi.

IEEE 11th Annual International Conference on Nano/Micro Engineered and Molecular Systems (NEMS). IEEE, 2016. p. 125-129.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Developing Learning and Teaching in Engineering Mathematics with and without Technology. / Joutsenlahti, Jorma; Ali-Löytty, Simo; Pohjolainen, Seppo.

SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation. European Society for Engineering Education SEFI, 2016.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Development of a Low-Cost Fuzzy Gain Schedule Neutralization Control System. / Sislian, Rodrigo; Da Silva, Flavio Vasconcelos; Gedraite, Rubens; Jokinen, Heikki; An, Dhanesh Kattippambal Raj.

WCECS 2015 - World Congress on Engineering and Computer Science 2015. Vol. II Newswood Limited, 2015. p. 575-578 (Lecture Notes in Engineering and Computer Science; Vol. 2220).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction. / Fang, Cheng Yi; Vallini, Felipe; Amili, Abdelkrim El; Tukiainen, Antti; Lyytikäinen, Jari; Guina, Mircea; Fainman, Yeshaiahu.

CLEO: Science and Innovations, CLEO_SI 2018. OSA - The Optical Society, 2018.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Development of students' multidisciplinary collaboration skills by simulation of the design process. / Salmisto, Alpo; Keinänen, Marko; Kähkönen, Kalle.

Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities.. Vol. 1 2016. p. 348-360.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

DIC measurements of the human heart during cardiopulmonary bypass surgery. / Hokka, Mikko; Mirow, Nikolas; Nagel, Horst; Vogt, Sebastian; Kuokkala, Veli-Tapani.
Conference Proceedings of the Society for Experimental Mechanics Series. Vol. 6 Springer New York LLC, 2016. p. 51-59.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Difference frequency modulation of multi-section dual-mode lasers with nanoscale surface gratings. / Uusitalo, Topi; Virtanen, Heikki; Viheriälä, Jukka; Salmi, Joel; Aho, Antti T.; Dumitrescu, Mihail.
SPIE Proceedings: Novel In-Plane Semiconductor Lasers XV. ed. / Alexey A. Belyanin; Peter M. Snowton. Vol. 9767 SPIE, 2016. 97670S (Proceedings of SPIE).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Different approaches of the PLM maturity concept and their use domains –analysis of the state of the art. / Kärkkäinen, Hannu; Silventoinen, Anneli.
Product Lifecycle Management in the Era of Internet of Things: 12th IFIP WG 5.1 International Conference, PLM 2015, Doha, Qatar, October 19-21, 2015, Revised Selected Papers. Springer New York LLC, 2016. p. 89-102 (IFIP Advances in Information and Communication Technology; Vol. 467).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Diffraction compensation of finite beams in hyperbolic metamaterials. / Pannian, Jisha C.; Alberucci, Alessandro; Boardman, Allan; Assanto, Gaetano.
Laser science 2016. Optical Society of America (OSA), 2016. JW4A.10.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Digital image correlation study of the deformation and functioning of the human heart during open-heart surgery. / Soltani, Ayat; Curtze, S.; Lahti, J.; Järvelä, K.; Laurikka, J.; Hokka, M.; Kuokkala, V. T.
Mechanics of Biological Systems, Materials and other topics in Experimental and Applied Mechanics - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics. Vol. 4 Springer New York LLC, 2018. p. 19-27 (Conference Proceedings of the Society for Experimental Mechanics).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films. / Karimi, Nazanin; Kunwar, Puskal; Toivonen, Juha.
Frontiers in Optics 2015: Proceedings. 2015. FTu5E.4.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Direct Measurement of Temporal Rogue Waves Generated by Spontaneous Modulation Instability. / Narhi, Mikko; Wetzel, Benjamin; Billet, Cyril; Merolla, Jean-Marc; Toenger, Shanti; Sylvestre, Thibaut; Morandotti, Roberto; Dias, Frédéric; Genty, Goëry; Dudley, John M.
Frontiers in Optics 2016. Optical Society of America, 2016. FTu31.4 .

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Disruptive innovation in ecosystems: Path-creation and institutional barriers. / Ritala, Paavo; Aarikka-Stenroos, Leena.
XXVI ISPIM Conference: Porto, Portugal (2016) Blending Tomorrow's Innovation Vintage.: The International Society for Professional Innovation Management, Jun. 2016. Manchester : International Society for Professional Innovation Management ISPIM, 2016. p. 1-16.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Distributed Experiments in Design Sciences, a Next Step in Design Observation Studies? / Kriesi, Carlo; Steinert, Martin; Aalto-Setälä, Laura; Anvik, Anders; Balters, Stephanie; Baracchi, Alessia; Jensen, Bisballe Matilde; Bjorkli, Leif Erik; Buzzaccaro, Nicolo; Cortesi, Dario; D'Onghia, Francesco; Dosi, Clio; Franchini, Giulia; Fuchs, Matt; Gerstenberg, Achim; Hansen, Erik; Hiekkanen, Karri Matias; Hyde, David; Ituarte, Inigo; Kalasniemi, Jani; Kurikka, Joonas; Lanza, Irene; Laurila, Anssi; Lee, Tik Ho; Lonvik, Siri; Mansikka-Aho, Anniina; Nordberg, Markus; Oinonen, Päivi; Pedrelli, Luca; Pekuri, Anna; Rane, Enna; Reime, Thov; Repokari, Lauri; Ronningen, Martin; Rowlands, Stephanie; Sjomani, Heikki; Slattsveen, Kristoffer; Strachan, Andy; Stromstad, Kirsti; Suren, Stian; Tapio, Peter; Utriainen, Tuuli; Vignoli, Matteo; Vijaykumar, Saurabh; Welo, Torgeir; Wulvik, Andreas.

DS 80-2 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol 2: Design Theory and Research Methodology Design Processes. ed. / C Weber; S Husung; M Cantamessa; G Cascini; D Marjanovic; S

Venkatarman. DESIGN SOC, 2015. (International Conference on Engineering Design).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Distributors As Market Orientation Agents in Innovation Development and Commercialization. / Aarikka-Stenroos, Leena; Talvitie, Miika.

The Proceedings of the XXVI ISPIM Conference 2015 Budapest, Hungary . Denmark : International Society for Professional Innovation Management ISPIM, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company? / Jussila, Jari ; Aramo-Immonen, Heli ; Rouvari, Olli; Porkka, Pasi ; Ammirato, Salvatore.

Proceedings of the 11th International Forum on Knowledge Asset Dynamics: Towards a New Architecture of Knowledge: Big Data, Culture and Creativity, Dresden -Germany 15-17 June 2016. Dresden, 2016. p. 1973-1983 249.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Dots-on-the-fly electron beam lithography. / Isotalo, Tero J.; Niemi, Tapio.

SPIE Proceedings: Alternative Lithographic Technologies VIII. ed. / Christopher Bencher. Vol. 9777 SPIE, 2016. 97771E (Proceedings of SPIE).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region. / Kahle, Hermann; Phung, Hoy-My; Penttinen, Jussi-Pekka; Rajala, Patrik; Tukiainen, Antti; Ranta, Sanna; Guina, Mircea.

2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE, 2019.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Dual-frequency signal processing architecture for robust and precise positioning applications. / Bolla, Padma; Lohan, Elena-Simona.

2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018. IEEE, 2018. p. 72-80.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Durability study on high speed water hydraulic miniature on/off-valve. / Paloniitty, Miika.

DFP16, Proceedings of the eighth workshop on digital fluid power, May 24-25, 2016, Tampere, Finland. Tampere, 2016. p. 201-211.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Dynamic characteristics of three-phase Z-source-based photovoltaic inverter with asymmetric impedance network. / Jokipii, Juha; Suntio, Teuvo.

9th International Conference on Power Electronics ECCE Asia (ICPE-ECCE Asia). IEEE, 2015. p. 1976-1983.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Dynamic laser speckle metrology with binarization of speckle patterns. / Stoykova, Elena; Nazarova, Dimana; Berberova, Nataliya; Gotchev, Atanas; Ivanov, Branimir; Mateev, Georgy.

19th International Conference and School on Quantum Electronics: Laser Physics and Applications. SPIE, 2017.

102260R (Proceedings of SPIE; Vol. 10226).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Dynamics of value in technology inspired value co-creation: Case in homecare value network. / Tiitola, Vesa; Korhonen, Tuomas; Laine, Teemu; Lyly-Yrjänäinen, Jouni.

14th IFKAD 2019 Proceedings: 5-7 June 2019, Matera, Italy. IKAM Centro Studi & Ricerche, 2019. (PROCEEDINGS IFKAD).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Economical utilization of high strength steel : Welded slim floor box beams. / Mela, Kristo; Heinisuo, Markku.

Eurosteel 2014 7th European conference on steel and composite structures. 2014.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Educating Computer Science Educators Online - A Racket MOOC for Elementary Math Teachers of Finland. / Partanen, Tiina; Niemelä, Pia; Mannila, Linda; Poranen, Timo.
Proceedings of the 9th International Conference on Computer Supported Education. SCITEPRESS - Science and Technology Publications, 2017. p. 47-58.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Educating future coders with a holistic ICT curriculum and new learning solutions. / Niemelä, Pia; Di Flora, Cristiano; Helevirta, Martti; Isomöttönen, Ville.

7th International Multi-Conference on Complexity, Informatics and Cybernetics, IMCIC 2016 and 7th International Conference on Society and Information Technologies, ICSIT 2016. Vol. 2 IIS, 2016. p. 132-136.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Education on the utilization of secondary materials in earthworks. / Kuula, Pirjo; Leppänen, Minna; Kolisoja, Pauli; Korkiala-Tanttu, Leena; Sorvari, Jaana; Gustavsson, Henry.

Proceedings of the 10th International Conference on the Environmental and Technical Implications of Construction with Alternative Materials: No Gradle no Grave Circular Economy into practice. ed. / Pentti Lahtinen; Ville Raasakka. RIL - Finnish Association of Civil Engineers, 2018. p. 177-187.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Effect of active damping on the output impedance of PV inverter. / Aapro, Aapo; Messo, Tuomas; Suntio, Teuvo.
IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Effect of air gap on the adhesion of PET layer on cardboard substrate in extrusion coating. / Suokas, Esa.
16th TAPPI European PLACE Conference 2017. TAPPI Press, 2017. p. 529-544.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Effect of Inductor Saturation on the Harmonic Currents of Grid-Connected Three-Phase VSI in PV Application. / Viinamäki, Jukka; Jokipii, Juha; Suntio, Teuvo.

2015 9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia), 1-5 June 2015, Seoul. IEEE, 2015. p. 1209-1216.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Effects of adiabatic heating estimated from tensile tests with continuous heating. / Vazquez Fernandez, N.; Isakov, M.; Hokka, M.; Kuokkala, V. T.

Dynamic Behavior of Materials - Proceedings of the 2017 Annual Conference on Experimental and Applied Mechanics. Vol. 1 Springer New York LLC, 2018. p. 1-7 (Conference Proceedings of the Society for Experimental Mechanics).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Effects of surface cracks and strain rate on the tensile behavior of Balmoral Red granite. / Mardoukhi, Ahmad; Hokka, Mikko ; Kuokkala, Veli-Tapani.

11th International Conference on the Mechanical and Physical Behaviour of Materials Under Dynamic Loading. EDP Sciences, 2015. 02007.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

E-learning of ethics, awareness, hacking and research by information security majors. / Koskinen, Jukka Antero.

Proceedings of SEFI Annual Conferences. European Society for Engineering Education SEFI, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Electricity Distribution Network Tariffs - Present Practices, Future Challenges and Development Possibilities. / Lummi, Kimmo; Rautiainen, Antti; Järventausta, Pertti; Heine, Pirjo; Lehtinen, Jouni; Hyvärinen, Markku.

CIREC Workshop 2016. 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Electronic Exam in Electronics Studies. / Laine, Katja; Sipilä, Erja; Anderson, Marjut; Sydänheimo, Lauri.
SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation. 2016.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Electrostatic discharge characteristics of conductive polymers. / Viheriäkoski, Toni; Kärjä, Eira; Gärtner, Reinhold; Tamminen, Pasi.
Electrical Overstress/Electrostatic Discharge Symposium Proceedings 2017, EOS/ESD 2017. ESD Association, 2017.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Electrostatic Threats in Hospital Environment. / Viheriäkoski, Toni; Kokkonen, Mika; Tamminen, Pasi; Karja, Eira; Hillberg, Jukka; Smallwood, Jeremy.
2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC, 2014.
(Electrical Overstress Electrostatic Discharge Symposium).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Elementary math to close the digital skills gap. / Niemelä, Pia; Valmari, Antti.
CSEDU 2018 - Proceedings of the 10th International Conference on Computer Supported Education. Vol. 2
SCITEPRESS, 2018. p. 154-165.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Embroidered antennas and antenna-electronics interfaces for wearable RFID tags. / Virkki, Johanna; Chen, Xiaochen; Björninen, Toni; Ukkonen, Leena.
IMWS-AMP 2017 International Microwave Workshop Series on Advanced Materials and Processes. IEEE, 2017.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Emotion-Gauge: Analyzing affective experiences in B2B customer journeys. / Andersson, Tuula ; Boedeker, Mika; Vuori, Vilma.
Strategic Innovative Marketing : 5th IC-SIM, Athens, Greece, September 23-26, 2016. ed. / Androniki Kavoura; Damianos Sakas; Petros Tomaras. Springer, 2017. p. 31-36 (Springer Proceedings in Business and Economics).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry. / Juuti, Tero; Pakkanen, Jarkko; Lehtonen, Timo.
Proceedings of the Design Society: International Conference on Engineering Design: The 22nd International Conference on Engineering Design, ICED19, Delft, The Netherlands, 5-8 August 2019. Cambridge University Press, 2019. p. 2981-2990 (Proceedings of the Design Society: International Conference on Engineering Design).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Empowerment in construction: a qualitative analysis of subcontractors' quality assurance. / Viita, Jussi; Junnonen, Juha-Matti.
Proceedings of the CIB World Building Congress 2016: Volume II - Environmental Opportunities and Challenges. Constructing Commitment and Acknowledging Human Experiences. Tampere University of Technology. Department of Civil Engineering, 2016. p. 436-448.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Enablers and Restraints of Knowledge Work – Does profession make a difference? / Helander, Nina ; Okkonen, Jussi; Vuori, Vilma; Paavilainen, Niina; Kujala, Johanna.
Towards a new architecture of knowledge : Big Data, culture and creativity: IFKAD 2016-11th International Forum on Knowledge Asset Dynamics, Dresden 15-17.6.2016, Germany. 2016. p. 40-52.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Energy efficiency evaluation method for machine tools. / Ikkala, Kimmo; Lanz, Minna; Kiviö, Jouko; Coatanéa, Eric.
Flexible Automation and Intelligent Manufacturing 2015. The Chair Press, 2015. p. 58-65.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Engaging facts and feelings in management accounting practices. / Laine, Teemu; Suomala, Petri; Saukkonen, Natalia.
IFKAD 2015 : 10th International Forum on Knowledge Asset Dynamics, Bari, Italy, June 10th-12th. Italy : Institute of Knowledge Asset Management & Arts for Business Institute, 2015. (International forum on knowledge asset dynamics).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Enhancing old laboratory experiment using flipped learning : Towards self-regulating collaborative groups in blended learning environment. / Pyrhönen, Veli-Pekka.

SEFI conference 2016: Engineering Education on Top of the World: Industry University Cooperation. 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Enhancing the acceptance of advanced services among users of complex systems. / Vaittinen, Eija ; Martinsuo, Miia ; Nenonen, Sanna .

Servitization: Shift, Transform, Grow: Proceedings of the Spring Servitization Conference, 16-17 May 2016 (SSC2016). ed. / Tim Baines; Dave Harrison; Judy Zolkiewski. 2016. p. 162-170.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

ESD and Disturbance Cases in Electrostatic Protected Areas. / Tamminen, Pasi; Viheriäkoski, Toni; Ukkonen, Leena; Sydänheimo, Lauri.

Electrical Overstress / Electrostatic Discharge Symposium Proceedings 2015. Vol. 2015 USA : IEEE COMPUTER SOC, 2015. 5B.2.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

ESD Sensitivity of 01005 Chip Resistors and Capacitors. / Tamminen, Pasi; Sydänheimo, Lauri; Ukkonen, Leena.

2014 36TH Electrical Overstress/Electrostatic Discharge Symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Evaluating organizational commitment in support of organizational leadership. / Einolander, Jarno.

6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier, 2015. p. 668–673 (Procedia Manufacturing; Vol. 3).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Evaluating the contrast of planar periodic patterns on paper. / Raunio, Jukka-Pekka; Makela, Ismo; Mäntylä, Markku; Ritala, Risto.

Paper Conference and Trade Show, PaperCon 2018. TAPPI Press, 2018. p. 294-302.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes. / Mendes, Miguel Rodrigues; Subramaniam, Narayan Puthanmadam; Wendel-Mitoraj, Katrina.

International IEEE/EMBS Conference on Neural Engineering, NER. Vol. 2015-July IEEE COMPUTER SOCIETY PRESS, 2015. p. 1092-1095.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Evaluation of visual object trackers on equirectangular panorama. / Kart, Ugur; Kämäräinen, Joni Kristian; Fan, Lixin; Gabbouj, Moncef.

VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 5 SCITEPRESS, 2018. p. 25-32.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate. / Holopainen, Sami.

Proc. of VII European Congress on Computational Methods in Applied Sciences and Engineering , ECCOMAS Congress 2016. : M. Papadrakakis, V. Papadopoulos, G. Stefanou, V. Plevris (eds.) . Crete Island, Greece, 5 – 10 June 2016. ed. / M. Papadrakakis; V. Papadopoulos; G. Stefanou; V. Plevris . 2016. p. 6675-6687.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Examining Innovation Barriers along Innovation Process in Multi-Industry Hygiene-Technology Network. / Mäkitalo-Keinonen, Tiina ; Aarikka-Stenroos, Leena.

The Proceedings of the XXVI ISPIIM Conference 2015 Budapest, Hungary . Denmark : International Society for Professional Innovation Management ISPIIM, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Experiences from development of security audit criteria. / Kelo, Tomi; Eronen, Juhani.

Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017. TAPPI Press; Curran Associates, Inc, 2017. p. 208-215.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Experimental study of bispectrum-based encoding in radio communication system. / Naumenko, V. V.; Solodovnik, V. F.; Totsky, A. V.; Zelensky, A. A.; Astola, J. T.

2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc., 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Experimenting traditional and modern reliability models in a 3-years european software project. / Tosi, Davide; Lenarduzzi, Valentina; Morasca, Sandro; Taibi, Davide.

Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017. Academic Conferences and Publishing International Limited, 2017. p. 304-314.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Exploring Attitudes, Knowledge and Competencies for Security Technology: A Cross-Cultural Survey in Higher Education.

/ Chaudhary, Sunil; Zhao, Yan; Berki, Eleni; Valtanen, Juri; Li, Linfeng; Helenius, Marko ; Mystakidis, Stylianos; Nalam, Thrushna; Thapa, Rajendra Bahadur.

8th International Conference on ICT, Society and Human Beings 2015. 2015. p. 11-18.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Exploring effects of ecosystem clockspeed on product performance. / Mäkinen, S.J.; Dedehayir, O.; Ortt, R.

IEEE International Conference on Industrial Engineering and Engineering Management. Vol. 2015-January IEEE COMPUTER SOCIETY PRESS, 2015. p. 1457-1461 7058880.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Exploring how brand experience measurement could be used for integrating marketing and R&D. / Saari, Ulla A.; Mäkinen, Saku J.

XXVII ISPIIM Innovation Conference 2016: Porto, 19-22 June, 2016. 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Extending Professional Fields. Architectural Research and Regional Development. / Hynynen, Ari .

Proceedings of the CIB World Building Congress 2016.: Volume I - Creating built environments of new opportunities. ed. / Kalle Kähkönen; Marko Keinänen. Vol. I Tampere University of Technology. Department of Civil Engineering, 2016. p. 372-383.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Extreme Nonlinear Signal Amplification. / Närhi, Mikko; Genty, Goëry; Steinmeyer, Günter; Sand, Johan; Orsila, Lasse.

2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Eye-in-Hand Manipulation for Remote Handling: Experimental Setup. / Niu, Longchuan; Suominen, Olli; M. Aref, Mohammad; Mattila, Jouni; Ruiz, Emilio; Esque, Salvador.

International Conference on Robotics and Mechantronics : (ICRoM 2017). Vol. 320 IOP Publishing Ltd., 2018. 012007 (IOP conference series : materials science and engineering).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Eye tracking studies focusing on mathematics: a literature review. / Perttula, Arttu.

INTED2017. The 11th annual International Technology, Education and Development Conference: Valencia, 6th - 8th of March, 2017.. IATED Academy, 2017. 2166-2173.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Fabrication and characterization of broadband superluminescent diodes for 2 μm wavelength. / Zia, Nouman; Viheriälä, Jukka; Koskinen, Riku; Koskinen, Mervi; Suomalainen, Soile; Guina, Mircea.
Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XX. SPIE, 2016. 97680Q (Proceedings of SPIE; Vol. 9768).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags. / Chen, X.; He, H.; Ukkonen, L.; Virkki, J.; Xu, J.; Wang, T.; Cheng, L.

2018 IEEE International Conference on RFID Technology Application (RFID-TA). IEEE, 2018.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Fabrication and reliability evaluation of passive UHF RFID T-shirts. / Chen, X.; He, H.; Ukkonen, L.; Virkki, J.; Lu, Y.; Lam, H.

2018 IEEE International Workshop on Antenna Technology, iWAT2018 - Proceedings. IEEE, 2018. p. 1-4.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Fault Tolerance of Digital Hydraulics in High Dynamic Hydraulic System. / Siivonen, Lauri ; Linjama, Matti ; Huova, Mikko ; Försterling, Heino; Stamm, Edgar; Deubel, Till.

The Fourteenth Scandinavian International Conference on Fluid Power. Vol. 1 1. ed. Tampere, Finland, 2015.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices. / Ometov, Aleksandr; Masek, Pavel; Malina, Lukas; Florea, Roman; Hosek, Jiri; Andreev, Sergey; Hajny, Jan; Niutanen, Jussi; Koucheryavy, Yevgeni.

2016 IEEE International Conference on Pervasive Computing and Communication Workshops, PerCom Workshops 2016. IEEE, 2016.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Feasibility study of the THz band for communications between wearable electronics. / Petrov, Vitaly.

2015 17th Conference of Open Innovations Association (FRUCT), 20-24 April 2015, Yaroslavl. . IEEE, 2015. p. 157-162 (Conference of Open Innovations Association (FRUCT)).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Field Collapse Event ESD Test Method. / Tamminen, Pasi; Viheriäkoski, Toni; Reinvuori, Tuomas; Sydänheimo, Lauri; Ukkonen, Leena.

2014 36TH Electrical overstress/electrostatic discharge symposium (EOS/ESD). IEEE COMPUTER SOC, 2014. (Electrical Overstress Electrostatic Discharge Symposium).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Finnish Engineering Education for Sustainable Development in 2016 - Call for collaborative learning. / Takala, Annina; Korhonen-Yrjänheikki, Kati.

SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation. European Society for Engineering Education SEFI, 2016.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Finnish Round Robin Test on Airborne Sound Insulation. / Lietzen, Jesse; Kylliäinen, Mikko.

Proceedings of the 11th European Congress and Exposition on Noise Control Engineering, Euronoise 2018, May 27-31 2018, Hersonissos, Crete, Greece: Reduce Noise to Improve Life. Hersonissos, Crete, Greece : European Acoustic Association EAA, 2018. p. 1677-1682 282.162 (European Congress and Exposition on Noise Control Engineering).

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator. / Abdallah, Zeina; Stefszky, Michael; Ulvila, Ville; Silberhorn, Christine; Vainio, Markku.

2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE, 2019.

Research output: Chapter in Book/Report/Conference proceeding > Conference contribution > Scientific > peer-review

Frequency-doubled VECSEL employing a Volume Bragg Grating for linewidth narrowing. / Kantola, Emmi; Penttinen, Jussi-Pekka; Leinonen, Tomi; Ranta, Sanna; Guina, Mircea.

CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society, 2018.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W. / Kantola, Emmi; Leinonen, Tomi; Rantamäki, Antti; Guina, Mircea; Sirbu, Alexei; Iakovlev, Vladimir.

CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society, 2018.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

From monolithic systems to microservices : A decomposition framework based on process mining. / Taibi, Davide; Systä, Kari.

CLOSER 2019 - Proceedings of the 9th International Conference on Cloud Computing and Services Science. ed. / Donald Ferguson; Victor Mendez Munoz; Markus Helfert; Claus Pahl. SCITEPRESS, 2019. p. 153-164.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

From theories to game mechanics : Developing a game for training rational numbers. / Kiili, Kristian.

Proceedings of the 11th European Conference on Games Based Learning, ECGBL 2017. Academic Conferences and Publishing International Limited, 2017. p. 328-334.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Full-Field Temperature and Strain Measurement in Dynamic Tension Tests on SS 304. / Smith, Jarrod; Kuokkala, Veli-Tapani; Seidt, Jeremy; Gilat, Amos.

Dynamic Behavior of Materials, Volume 1: Proceedings of the 2016 Annual Conference on Experimental and Applied Mechanics. Springer International Publishing, 2016. p. 37-44 (Conference proceedings of the Society for Experimental Mechanics).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Functionalizing Surface Electrical Potential of Hydroxyapatite Coatings. / Pluduma, Liene; Freimanis, Edijs; Gross, Karlis; Koivuluoto, Heli; Algate, Kent; Haynes, David; Vuoristo, Petri.

11th International Conference Medical Applications of Novel Biomaterials and Nanotechnology. Vol. 102 2016. p. 12-17 (Advances in Science and Technology, Vol. 102).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Gain Scheduling Full State Feedback with D-Implementation for Velocity Tracking of Hydrostatic Drive Transmission. /

Backas, Joni; Ghabcheloo, Reza; Huhtala, Kalevi .

Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015.

Tampere, Finland. Tampere University of Technology. Department of Intelligent Hydraulics and Automation, 2015. p. 64-75.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Gamification at School. / Perttula, Arttu; Tuomi, Pauliina.

EDULEARN17: The 9th International Conference on Education and New Learning Technologies. 2017. p. 9334-9340.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Generalized hyperbolic harmonic functions in the plane. / Eriksson, Sirkka-Liisa; Orelma, Heikki; Vuojamo, Vesa.

Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2014 (ICNAAM-2014). Vol. 1648 American Institute of Physics Inc., 2015. 440007.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Generalized multivariable small-signal model of three-phase grid-connected inverter in DQ-domain. / Messo, Tuomas; Aapro, Aapo; Suntio, Teuvo.

IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). IEEE, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Gibbs Dyadic Differentiation on Groups - Evolution of the Concept. / Stankovic, Radomir S.; Astola, Jaakko; Moraga, Claudio.

Computer Aided Systems Theory – EUROCAST 2017 - 16th International Conference, Revised Selected Papers. Springer Verlag, 2018. p. 229-237 (Lecture Notes in Computer Science; Vol. 10672).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Glove-integrated slotted patch antenna for wearable UHF RFID reader. / Ahmed, Shahbaz; Musfequr Rehman, S. M.; Ukkonen, Leena; Björninen, Toni.
2018 IEEE International Conference on RFID Technology & Application (RFID-TA). IEEE, 2018.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Grammatical and Semantic Disambiguation of Requirements at Elicitation and Representation Stages. / Christophe, Francois; Wang, Min; Coatanea, Eric; Zeng, Yong; Bernard, Alain.
Proceedings of the ASME International Design Engineering Technical Conferences and Computers and Information in Engineering, 2011, vol 9. AMER SOC MECHANICAL ENGINEERS, 2012. p. 17-31.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Green (In,Ga,Al)P-GaP light-emitting diodes grown on high-index GaAs surfaces. / Ledentsov, N. N.; Shchukin, V. A.; Lyytikäinen, J.; Okhotnikov, O.; Cherkashin, N. A.; Shernyakov, Yu M.; Payusov, A. S.; Gordeev, N. Y.; Maximov, M. V.; Schlichting, S.; Nippert, F.; Hoffmann, A.
Proceedings of SPIE: Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XIX. Vol. 9383 SPIE, 2015. 93830E.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

>8W GainNAs VECSEL emitting at 615 nm. / Leinonen, Tomi; Penttinen, Jussi Pekka; Korpijärvi, Ville Markus; Kantola, Emmi; Guina, Mircea.
Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) V. Vol. 9349 SPIE, 2015. 934909.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Guidelines for Designing Human-friendly User Interfaces for Factory Floor Manufacturing Operators. / Järvenpää, Eeva; Lanz, Minna.
Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth: IFIP WG 5.7 International Conference, APMS 2015, Tokyo, Japan, September 7-9, 2015, Proceedings, Part II. Springer International Publishing, 2015. p. 531-538 (IFIP Advances in Information and Communication Technology).
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Handheld wireless authentication key and secure documents storage for the Internet of Everything. / Komar, Maria; Edelev, Sviatoslav; Koucheryavy, Yevgeni.
Proceedings of the 18th Conference of Open Innovations Association FRUCT and Seminar on Information Security and Protection of Information Technolog, FRUCT-ISPIT 2016. IEEE COMPUTER SOCIETY PRESS, 2016. p. 120-130.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Handling exceptional situations in a distribution network congestion management algorithm. / Kulmala, Anna; Repo, Sami.
CIRED Workshop 2016. Helsinki, Finland, 2016.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Harmonic and Imbalance Voltage Mitigation in Smart Grids: A DSTATCOM Based Solution. / Roncero-Sanchez, Pedro; Acha, Enrique.
IEEE EUROCON 2015. 2015.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

HEVC-compliant viewport-adaptive streaming of stereoscopic panoramic video. / Zare, Alireza; Sreedhar, Kashyap Kammachi; Vadakital, Vinod Kumar Malamal; Aminlou, Alireza; Hannuksela, Miska M.; Gabbouj, Moncef.
2016 Picture Coding Symposium, PCS 2016. IEEE, 2017.
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Hierarchical deformable part models for heads and tails. / Yancheshmeh, Fatemeh Shokrollahi; Chen, Ke; Kämäräinen, Joni-Kristian.
VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . Vol. 5 SCITEPRESS, 2018. p. 45-55.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High Dynamic Range Single-Shot Spectral Measurements of Spontaneous Modulation Instability. / Närhi, Mikko; Tengvall, M.; Toivonen, J.; Dudley, John M.; Genty, Goëry.

Frontiers in Optics 2016. Optical Society of America (OSA), 2016. FF2B.1.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Highly-efficient Ho:KY(WO₄)₂ thin-disk lasers at 2.06 μm. / Mateos, Xavier; Loiko, Pavel; Lamrini, Samir; Scholle, Karsten; Fuhrberg, Peter; Suomalainen, Soile; Härkönen, Antti; Guina, Mircea; Vatnik, Sergei; Vedin, Ivan; Aguiló, Magdalena; Díaz, Francesc; Wang, Yicheng; Griebner, Uwe; Petrov, Valentin.

Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers. SPIE, IEEE, 2018. 107130J (Proceedings of SPIE; Vol. 10713).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High performance GaSb superluminescent diodes for tunable light source at 2 μm and 2.55 μm. / Zia, Nouman; Viheriälä, Jukka; Koivusalo, Eero; Aho, Antti; Suomalainen, Soile; Guina, Mircea.

CLEO: Applications and Technology, CLEO_AT 2018. OSA - The Optical Society, 2018.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography. / Viheriälä, Jukka; Aho, Antti T.; Mäkelä, Jaakko; Salmi, Joel; Virtanen, Heikki; Leinonen, Tomi; Dumitrescu, Mihail; Guina, Mircea.

High-Power Diode Laser Technology and Applications XIV. SPIE, 2016. 97330Q (SPIE Conference Proceedings; Vol. 9733).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High power GaInNAs VECSEL emitting at 1230/615 nm. / Penttinen, Jussi-Pekka; Leinonen, Tomi; Korpijärvi, Ville-Markus; Kantola, Emmi; Guina, Mircea.

The European Conference on Lasers and Electro-Optics 2015. OSA, 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber. / Fedotov, Andrei; Noronen, Teppo; Rissanen, Joonas; Gumenyuk, Regina; Petrov, Andrey; Chamorovskii, Yuri; Golant, Konstantin; Odnoblyudov, Maxim; Filippov, Valery.

Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications. ed. / S Taccheo; JI Mackenzie; M Ferrari. Vol. 10683 SPIE-INT SOC OPTICAL ENGINEERING, 2018. (Proceedings of SPIE; Vol. 10683).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High-Q resonance train in a plasmonic metasurface. / Saad-Bin-Alam, Md; Reshef, Orad; Huttunen, Mikko J.; Carlow, Graham; Sullivan, Brian; Menard, Jean Michel; Dolgaleva, Ksenia; Boyd, Robert W.

2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE, 2019.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High repetition rate 1.34 μm Nd:YVO₄ microchip laser Q-switched with GaInNAs SESAM. / Nikkinen, Jari; Korpijärvi, Ville-Markus; Leino, Iiro; Härkönen, Antti; Guina, Mircea.

The European Conference on Lasers and Electro-Optics 2015. OSA, 2015. CA_5b_1.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High-speed manufacturing of antimicrobial paper. / Brobbey, Kofi J.; Haapanen, Janne; Gunell, Marianne; Mäkelä, Jyrki M.; Eerola, Erkki; Saarinen, Jarkko J.; Toivakka, Martti.

Paper Conference and Trade Show, PaperCon 2018. TAPPI Press, 2018. p. 564-566.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

High Temperature Tension HSB Device Based on Direct Electrical Heating. / Hokka, M.; Östman, K.; Rämö, J.; Kuokkala, V. T.

Dynamic Behavior of Materials, Volume 1: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics. ed. / Bo Song; Daniel Casem; Jamie Kimberley. Vol. 65 Springer, 2015. p. 227-233 (Conference Proceedings of the Society for Experimental Mechanics Series).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Home Network Security: Modelling Power Consumption to Detect and Prevent Attacks on Homenet Routers. / Silverajan, Bilhanan; Vajaranta, Markku; Kolehmainen, Antti.

Proceedings of the 11th Asia Joint Conference on Information Security (AsiaJCIS 2016), Fukuoka, Japan, August 4-5, 2016. IEEE, 2016. p. 9-16.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

How is it sustainable? Identifying key indicators for sustainable educational design. / Sandström, N.; Hytti, V.; Nenonen, S.; Lonka, K.

10th INTED 2016 Conference Proceedings: 7-9 March, 2016, Valencia, Spain. ed. / L. Gómez Chova; A. López Martínez; I. Candel Torres. 2016. p. 4217-4219 (INTED proceedings).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

How mono-valent cations bend peptide turns and a first-principles database of amino acids and dipeptides. / Baldauf, Carsten; Ropo, Matti; Blum, Volker; Scheffler, Matthias.

International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE 2014). ed. / Theodore E. Simos; Zacharoula Kalogiratou; Theodore Monovasilis. Vol. 1618 American Institute of Physics Inc., 2014. p. 119-120 (AIP Conference Proceedings; Vol. 1618).

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

How to benefit from learning logs in engineering education? / Juuti, T.; Kopra, M. J.; Rättyä, Kaisu; Lehtonen, Timo.

44th Annual Conference of the European Society for Engineering Education - Engineering Education on Top of the World: Industry-University Cooperation, SEFI 2016. European Society for Engineering Education SEFI, 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

How to develop a new innovation education tool: case of impact canvas. / Aarikka-Stenroos, Leena; Boedeker, Stina; Köppä, Leena; Langwaldt, Jörg.

In the Proceedings of ISPIM Innovation Summit. The International Society for Professional Innovation Management (ISPIM). : 4-7 December 2016, Kuala Lumpur, Malaysia.. 2016.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

How to support managers' commitment to safety management and leadership in organizations: good practices from the managers' viewpoint. / Tappura, Sari; Nenonen, Noora; Kivistö-Rahnasto, Jouni.

WOS 8th international conference - Book of Abstracts. 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

HVS-based local analysis of denoising efficiency for DCT-based filters. / Rubel, Oleksii; Ponomarenko, Nikolay; Lukin, Vladimir; Astola, Jaakko; Egiazarian, Karen.

2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings. IEEE, 2015. p. 189-192.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Hydrodynamic Classification of Natural Flows Using an Artificial Lateral Line and Frequency Domain Features. / Tuhtan, J.A.; Strokina, Nataliya; Toming, Gert; Muhammad, N.; Kruusmaa, Maarja; Kämäräinen, Joni-Kristian.

36th IAHR World Congress. 2015.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review

Identifying and measuring customer value - case multi-locational worker. / Vasell, Tytti; Vuolle, Maiju; Petrulaitiene, Vitalija; Nenonen, Suvi; Jylhä, Tuuli.

Research papers for EuroFM's 15th research symposium at EFMC2016: 8-9 June 2016 in Milan, Italy. ed. / Susanne Nielsen; Per Anker Jensen. EuroFM, 2016. p. 143-151.

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution › Scientific › peer-review