

Aalto T, Harjanne M, Offrein BJ, Caër C, Neumeier C, Malacarne A, Guina M, Sheehan RN, Peters FH, Melanen P. 2016. Integrating III-V, Si, and polymer waveguides for optical interconnects: RAPIDO. teoksessa Optical Interconnects XVI. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2214786>

Aapro A, Messo T, Suntio T. 2015. An accurate small-signal model of a three-phase VSI-based photovoltaic inverter with LCL-filter. teoksessa 9th International Conference on Power Electronics and ECCE Asia (ICPE-ECCE Asia). Sivut 2267-2274. <https://doi.org/10.1109/ICPE.2015.7168092>

Aapro A, Messo T, Suntio T. 2015. Effect of active damping on the output impedance of PV inverter. teoksessa IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). <https://doi.org/10.1109/COMPEL.2015.7236463>

Aarikka-Stenroos L, Aaboen L, Rolfsen A. 2015. Initiation processes and initiation contributors illustrated by Norwegian-South Korean business relationships. Vagn Freytag P, Højbjerg Clarke A, Toimittajat. teoksessa The 31st IMP Conference 2015, Kolding, Denmark.. Kolding, Denmark.

Aarikka-Stenroos L, Talvitie M. 2015. Distributors As Market Orientation Agents in Innovation Development and Commercialization. teoksessa The Proceedings of the XXVI ISPIM Conference 2015 Budapest, Hungary . Denmark: International Society for Professional Innovation Management ISPIM.

Aarikka-Stenroos L, Peltola T, Rikkiev A, Saari U. 2016. Multiple facets of innovation and business ecosystem research: the foci, methods and future agenda. teoksessa XXVII ISPIM Innovation Conference 2016: Porto, 19-22 June, 2016. Sivut 1-33.

Aarikka-Stenroos L, Boedeker S, Köppä L, Langwaldt J. 2016. How to develop a new innovation education tool: case of impact canvas. teoksessa In the Proceedings of ISPIM Innovation Summit. The International Society for Professional Innovation Management (ISPIM). : 4-7 December 2016, Kuala Lumpur, Malaysia..

Abdallah Z, Stefszky M, Ulvila V, Silberhorn C, Vainio M. 2019. Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator. teoksessa 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. <https://doi.org/10.23919/CLEO.2019.8750403>

Abe S, Ylinen A, Narra Girish N, Nikander R, Hyttinen J, Kouhia R, Sievänen H. 2015. Exploration of different boundary conditions in the sideways falling situation in hip fracture finite element modelling. teoksessa Proceeding of the XII Finnish Mechanics Days. Rakenteiden Mekaniikan Seura ry. Sivut 130-135.

Abramova VV, Kozhemiakin R, Abramov SK, Lukin VV, Zelensky AA, Egiazarian K. 2015. Blind estimation of speckle variance in synthetic aperture radar images. teoksessa 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. <https://doi.org/10.1109/ICATT.2015.7136846>

Acimovic J, Mäki-Marttunen T, Linne M-L. 2015. The effects of neuron morphology on graph theoretic measures of network connectivity: The analysis of a two-level statistical model. *Frontiers in Neuroanatomy*. 9(June). <https://doi.org/10.3389/fnana.2015.00076>

Adavanne S, Parascandolo G, Pertilä P, Heittola T, Virtanen T. 2016. Sound Event Detection in Multichannel Audio Using Spatial and Harmonic Features. teoksessa Proceedings of the Detection and Classification of Acoustic Scenes and Events 2016 Workshop (DCASE2016). Tampere University of Technology. Department of Signal Processing. Sivut 6-10.

Ahmad I, Rantanen P, Sillberg P, Laaksonen J, Liu S, Forss T, Malik A, Nieminen M, Shetty R, Ishikawa S, Kallio J, Saarinen JP, Gabbouj M, Soini J. 2017. VisualLabel: An Integrated Multimedia Content Management and Access Framework. teoksessa The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases, EJC 2017: June 5-9, 2017, Krabi, Thailand. Sivut 332-353.

- Ahmed S, Musfequr Rehman SM, Ukkonen L, Björninen T. 2018. Glove-integrated slotted patch antenna for wearable UHF RFID reader. teoksessa 2018 IEEE International Conference on RFID Technology & Application (RFID-TA). IEEE. <https://doi.org/10.1109/RFID-TA.2018.8552817>
- Ahmed S, Mehmood A, Sydänheimo L, Ukkonen L, Björninen T. 2019. Glove-Integrated Textile Antenna with Reduced SAR for Wearable UHF RFID Reader. teoksessa 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE. Sivut 231-235. <https://doi.org/10.1109/RFID-TA.2019.8892251>
- Ahola T, Stähle M, Martinsuo M. 2018. Agency relationships in global project business. teoksessa Proceedings of EURAM18 European Academy of Management conference 2018. European Academy of Management, EURAM. (EURAM conference).
- Ahola T, Martinsuo M. 2019. The circular economy of projects. teoksessa European Academy of Management Conference EURAM 2019: 26-28 June, Lisbon, Portugal. (European academy of management annual conference).
- Ahopelto M, Krogerus T, Huhtala K. 2015. Vehicle Mass Estimation for Hydraulic Drive System using Longitudinal Motion Model. teoksessa The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. Tampere University of Technology. Department of Intelligent Hydraulics and Automation. Sivut 433-442. (The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15).
- Ainasoja AE, Hietanen A, Lankinen J, Kämäräinen J-K. 2018. Keyframe-based video summarization with human in the loop. teoksessa VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . SCITEPRESS. Sivut 287-296. <https://doi.org/10.5220/0006619202870296>
- Ainasoja AE, Pertuz S, Kämäräinen J-K. 2019. Smartphone teleoperation for self-balancing telepresence robots. Kerren A, Hurter C, Braz J, Toimittajat. teoksessa VISIGRAPP 2019 - Proceedings of the 14th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications. SCITEPRESS. Sivut 561-568. <https://doi.org/10.5220/0007406405610568>
- Airo K, Vaara L, Nenonen S. 2016. Spatial borders and affordances of a temporary school building – Enhancing the school engagement and learning experience. teoksessa 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. Sivut 715-725.
- Ala-Maakala M, Liimatainen H. 2016. Customer value management framework for supply chains. Pawar K, Toimittaja. teoksessa The proceedings of 21st international symposium on logistics (ISL 2016): Sustainable transport and supply chain innovation, Kaohsiung, Taiwan 3-6 July 2016. Sivut 447-456.
- Alanne A, Pekkola S. 2015. Riding for a fall in outsourced ISD: Knowledge transfer challenges between the onshore vendor and the offshored unit. Oshri I, Kotlarsky J, Willcocks L, Toimittajat. teoksessa Achieving Success and Innovation in Global Sourcing: Perspectives and Practices: 9th Global Sourcing Workshop 2015, La Thuile, Italy, February 18-21, 2015, Revised Selected Papers. Germany: Springer Verlag. Sivut 124-140. (Lectures Notes in Business Information Processing). [https://doi.org/10.1007/978-3-319-26739-5\\_7](https://doi.org/10.1007/978-3-319-26739-5_7)
- Alanne A, Pekkola S. 2015. Riding for a fall in outsourced ISD: Transferring knowledge between onshore vendor and offshored unit. teoksessa 9th Global Sourcing Workshop 2015: La Thuile, Italy, February 18-21, 2015.
- Alberucci A, Pannian JC, Slussarenko S, Piccirillo B, Santamato E, Marrucci L, Assanto G. 2016. A new waveguiding mechanism based upon geometric phase. teoksessa Frontiers in Optics 2016. Optical Society of America (OSA).
- Alberucci A, Piccardi A, Kravets N, Buchnev O, Pannian JC, Assanto G. 2016. Nonperturbative nonlinear optics in liquid crystals. teoksessa Laser science 2016. Optical Society of America (OSA).

Aldawood S, Fowley F, Pahl C, Taibi D, Liu X. 2016. A coordination-based brokerage architecture for multi-cloud resource markets. teoksessa Proceedings - 2016 4th International Conference on Future Internet of Things and Cloud Workshops, W-FiCloud 2016. Institute of Electrical and Electronics Engineers Inc. Sivut 7-14. <https://doi.org/10.1109/W-FiCloud.2016.19>

Alexandru R-C, Lohan E-S. 2015. Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments. *Procedia Engineering*. 100(C):1294-1300. <https://doi.org/10.1016/j.proeng.2015.01.496>

Alexandru RC, Lohan E-S. 2016. Analysis of Real Mobility Records in Urban and Suburban Environments. teoksessa 26TH DAAAM International Symposium on Intelligent Manufacturing and Automation. DAAAM International. Sivut 0688-0692. <https://doi.org/10.2507/26th.daaam.proceedings.094>

Allahham MHDS, Al-Sa'd MF, Al-Ali A, Mohamed A, Khattab T, Erbad A. 2019. DroneRF dataset: A dataset of drones for RF-based detection, classification and identification. *Data in Brief*. 26. <https://doi.org/10.1016/j.dib.2019.104313>

Almeida B, Chauhan V, Kandavalli V, Ribeiro A. 2019. Mean and variability in RNA polymerase numbers are correlated to the mean but not the variability in size and composition of *Escherichia coli* cells. De Maria E, Gamboa H, Fred A, Toimittajat. teoksessa BIOINFORMATICS 2019 - 10th International Conference on Bioinformatics Models, Methods and Algorithms, Proceedings; Part of 12th International Joint Conference on Biomedical Engineering Systems and Technologies, BIOSTEC 2019. SCITEPRESS. Sivut 226-233. <https://doi.org/10.5220/0007456102260233>

Amiot CG, Aalto A, Toivonen J, Genty G. 2015. Incoherent Broadband Cavity Enhanced Absorption Spectroscopy Using a Supercontinuum Source in the Mid-IR. teoksessa Laser Science 2015: Proceedings Frontiers in Optics 2015. <https://doi.org/10.1364/FIO.2015.JTu4A.80>

Amiot C, Aalto A, Genty G, Toivonen J. 2015. Incoherent Broadband Cavity Enhanced Absorption Spectroscopy with a Supercontinuum Source. teoksessa 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference: Proceedings. Optical Society of America. Sivut CH\_P\_16.

Amiot CG, Ryzkowski P, Aalto A, Toivonen J, Genty G. 2016. Mid-Infrared Sources for Ultra-Broadband Cavity Enhanced Spectroscopy. teoksessa Frontiers in Optics 2016. OSA.

Amjad F, Weick H, Mattila J, Kozlova E, Schloer C. 2014. On Design and Development of Super-FRS main tunnel Remote Handling System Concept. teoksessa 2014 IEEE 17th International Conference on Intelligent Transportation Systems (ITSC), 8-11 Oct. 2014, Qingdao. IEEE. Sivut 188-194. <https://doi.org/10.1109/ITSC.2014.6957689>

Ammirato S, Michele Felicetti A, Della Gala M, Aramo-Immonen H, Jussila J. 2015. Knowledge Management and Emerging Collaborative Networks in Tourism Business Ecosystems. Massaro M, Garlatti A, Toimittajat. teoksessa Proceedings of the 16th European Conference on Knowledge Management (ECKM 2015), University of Udine, Italy, 3-4 September 2015. Reading, UK: Academic Conferences and Publishing International Limited. Sivut 19-26.

Amr A, Saad M. 2015. Growth of Urban Peripheries with Reference to Inconsistent Spatial Planning Policies: South-east Amman as case study. *European International Journal of Science and Technology*. 4(3):54-68.

Andersson T, Boedeker M, Vuori V. 2017. Emotion-Gauge: Analyzing affective experiences in B2B customer journeys. Kavoura A, Sakas D, Tomaras P, Toimittajat. teoksessa Strategic Innovative Marketing : 5th IC-SIM, Athens, Greece, September 23-26, 2016. Springer. Sivut 31-36. (Springer Proceedings in Business and Economics).

Annila P, Hellemaa M, Suonketo J, Pentti M. 2015. Kosteus- ja mikrobivaurioiden laajuus kuntien rakennuksissa. Säteri J, Ahola M, Toimittajat. teoksessa Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015. Juva. Sivut 95-100. (SIY Raportti).

Annila P, Marttila T, Kero P, Suonketo J, Pentti M. 2015. Valtion tukemien homekorjaushankkeiden arviointi -jatkotutkimus (HKPro 3). Säteri J, Ahola M, Toimittajat. teoksessa Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015. Juva. Sivut 107-112. (Sisäilmayhdistys).

Annala P, Lahdensivu J, Pikkuvirta J, Pakkala T. 2015. By64 Tuulettuvat julkisivut 2016 -suunnittelu- ja toteusohjeen laadinta. Vinha J, Ruuska T, Toimittajat. teoksessa Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 109-114.

Annala P, Lahdensivu J, Suonketo J, Pentti M, Laukkarinen A, Vinha J. 2017. Kosteusvaurioiden vakavuus kuntien rakennuksissa. Vinha J, Kivioja H, Toimittajat. teoksessa Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. Sivut 135-140. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Aramo-Immonen H, Hietaoja H, Jussila JJ, Ammirato S. 2015. Managing Cultural Knowledge in Project Execution. teoksessa 10th International Forum on Knowledge Asset Dynamics, IFKAD 2015, Bari, Italy: Culture, Innovation and Entrepreneurship: connecting the knowledge dots. Bary: IKAM Centro Studi & Ricerche. Sivut 1085-1096.

Aramo-Immonen H, Bessant J, Heinonen T, Öberg C, Trifilova A. 2015. Meeting radical change: SMEs and innovation capabilities and strategic foresight. teoksessa The Proceedings of the XXVI ISPIIM Conference – Shaping the Frontiers of Innovation Management, Budapest, Hungary on 14-17 June 2015. International Society for Professional Innovation Management ISPIIM.

Aramo-Immonen H, Vartio M, Jussila J. 2017. If you know social media, you see opportunities.... teoksessa 12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation. Sivut 575-584.

Asp O, Laaksonen A. 2017. Instrumentation and monitoring of large-span culvert built under a railway, in Finland. Madaj A, Jankowiak I, Toimittajat. teoksessa Archives of Institute of Civil Engineering: 3rd European Conference on Buried Flexible Steel Structures, Rydzyna, Poland, 24-25 April 2017. 23 toim. Poznan: Wydawnictwo Politechniki Poznanskiej. Sivut 53-60. <https://doi.org/10.21008/j.1897-4007.2017.23.05>

Assanto G, Perumbilavil S, Piccardi A, Kauranen M. 2018. Electro-optic steering of random laser emission in liquid crystals. Photonics Letters of Poland. 10(4):103-105. <https://doi.org/10.4302/plp.v10i4.852>

Backas J, Ghabcheloo R, Huhtala K. 2015. Gain Scheduling Full State Feedback with D-Implementation for Velocity Tracking of Hydrostatic Drive Transmission. teoksessa 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. Sivut 64-75.

Baczkiwicz J, Pajunen S, Heinisuo M. 2018. Effect of radiation inside square hollow section under moderate non-symmetric fire. Fire Research. 2(1):25-30. <https://doi.org/10.4081/fire.2018.42>

Balandin S, Andreev S, Koucheryavy Y, Toimittaja 2015. Internet of Things, Smart Spaces, and Next Generation Networks and Systems: 15th International Conference, NEW2AN 2015, and 8th Conference, ruSMART 2015, St. Petersburg, Russia, August 26-28, 2015, Proceedings. Springer International Publishing. (Lecture Notes in Computer Science). <https://doi.org/10.1007/978-3-319-23126-6>

Baldauf C, Ropo M, Blum V, Scheffler M. 2014. How mono-valent cations bend peptide turns and a first-principles database of amino acids and dipeptides. Simos TE, Kalogiratos Z, Monovasilis T, Toimittajat. teoksessa International Conference of Computational Methods in Sciences and Engineering 2014 (ICCMSE 2014). American Institute of Physics Inc. Sivut 119-120. (AIP Conference Proceedings). <https://doi.org/10.1063/1.4897692>

Bambach P, Deller J, Martel J, Vilenius E, Goldberg H, Sorsa L-I, Pursiainen S, Takala M, Wurster A, Braun HM, Lentz H, Jutzi M, Wittig M, Chitu CC, Ritter B, Karatekin O. 2018. What's inside a rubble pile asteroid? DiSCUS - A tomographic twin radar Cubesat to find out. teoksessa 69th International Astronautical Congress, IAC 2018. (Proceedings of the International Astronautical Congress, IAC).

Bartsch H, Himmerlich M, Fischer M, Demko L, Hyttinen J, Schober A. 2015. LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures. *Journal of Ceramic Science and Technology*. 6(4):315-324. <https://doi.org/10.4416/JCST2015-00056>

Bautista GS, Johansson A, Parappurath N, Herranen O, Myllyperkiö P, Jiang H, Kauppinen E, Pettersson M, Kauranen M. 2015. Background-Free Second-Harmonic Generation Microscopy of Individual Carbon Nanotubes. teoksessa *Nonlinear Optics 2015: Kauai, Hawaii United States 26–31 July 2015*. OSA. (Nonlinear Optics Conference Series). <https://doi.org/10.1364/NLO.2015.NW1A.5>

Bautista G, Dreser C, Zang X, Kern D, Kauranen M, Fleischer M. 2018. Collective nonlinear optical effects in plasmonic nanohole ensembles of different rotational symmetries. teoksessa *CLEO: QELS\_Fundamental Science 2018*. The Optical Society; OSA. [https://doi.org/10.1364/CLEO\\_QELS.2018.FW3G.3](https://doi.org/10.1364/CLEO_QELS.2018.FW3G.3)

Begishev V, Samuylov A, Moltchanov D, Samouylov K. 2017. Modeling the process of dynamic resource sharing between LTE and NB-IoT services. teoksessa *Distributed Computer and Communication Networks - 20th International Conference, DCCN 2017, Proceedings*. Springer Verlag. Sivut 1-12. (Communications in Computer and Information Science). [https://doi.org/10.1007/978-3-319-66836-9\\_1](https://doi.org/10.1007/978-3-319-66836-9_1)

Behailu BM, Mattila H. 2016. Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia. Nenonen S, Junnonen J-M, Toimittajat. teoksessa *Proceedings of the CIB World Building Congress 2016 Volume IV: Understanding impacts and functioning of different solutions*. Tampere University of Technology. Sivut 431-440.

Belahcen A, Kouhia R, Rasilo P, Ristinmaa M. 2015. A model for anisotropic magnetostriction. teoksessa *Proceedings of the XII Finnish Mechanics Days*. Rakenteiden Mekaniikan Seura ry. Sivut 201-203.

Bernard A, Coatanea E, Christophe F, Laroche F. 2014. Design: A Key Stage of Product Lifecycle. *Procedia CIRP*. 21:3-9. <https://doi.org/10.1016/j.procir.2014.06.146>

Bernhardt J, Helander N, Jussila J, Kärkkäinen H. 2016. Crowdsourcing in Business-to-Business Markets: A Value Creation and Business Model Perspective. teoksessa *Encyclopedia of E-Commerce Development, Implementation, and Management*. United States: IGI Global. Sivut 933-943. <https://doi.org/10.4018/978-1-4666-9787-4.ch066>

Bolla P, Lohan E-S. 2018. Dual-frequency signal processing architecture for robust and precise positioning applications. teoksessa *2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018*. IEEE. Sivut 72-80. <https://doi.org/10.1109/PLANS.2018.8373367>

Borja Ramis F, Iarovy S, Lobov A, Martinez Lastra JL. 2015. Potentials of web standards for automation control in manufacturing systems. teoksessa *2015 IEEE European Modelling Symposium*. Sivut 359-366. <https://doi.org/10.1109/EMS.2015.59>

Bragadin MA, Kähkönen K. 2015. Safety, Space and Structure Quality Requirements in Construction Scheduling. *Procedia Economics and Finance*. 21:407-414. [https://doi.org/10.1016/S2212-5671\(15\)00193-8](https://doi.org/10.1016/S2212-5671(15)00193-8)

Bragadin MA, Kähkönen K. 2016. Resource – Space Charts for Construction Workspace Scheduling. teoksessa *Proceedings of the CIB World Building Congress 2016: Volume III - Building Up Business Operations and Their Logic. Shaping Materials and Technologies*. Tampere University of Technology. Department of Civil Engineering. Sivut 677-688.

Brechet N, Ginestet G, Moradi E, Ukkonen L, Torres J, Björninen T, Virkki J. 2017. Cost- and time-effective sewing patterns for embroidered passive UHF RFID tags. teoksessa *Proceedings of IEEE 2017 International Workshop on Antenna Technology*. IEEE. Sivut 30-33. <https://doi.org/10.1109/IWAT.2017.7915289>

Brobbey KJ, Haapanen J, Gunell M, Mäkelä JM, Eerola E, Saarinen JJ, Toivakka M. 2018. High-speed manufacturing of antimicrobial paper. teoksessa *Paper Conference and Trade Show, PaperCon 2018*. TAPPI Press. Sivut 564-566.

Burd SC, Leinonen T, Penttinen JP, Allcock DTC, Slichter DH, Srinivas R, Wilson AC, Guina M, Leibfried D, Wineland DJ. 2016. Single-frequency 571nm VECSEL for photo-ionization of magnesium. teoksessa Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) VI. San Francisco: SPIE. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2213398>

Burkov A, Matveev N, Turlikov A, Bulanov A, Gahnina O, Andreev S. 2017. Upper bound and approximation of random access throughput over chase combining HARQ. teoksessa 2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. Sivut 143-147. <https://doi.org/10.1109/ICUMT.2017.8255206>

Cakir E, Virtanen T. 2017. Convolutional Recurrent Neural Networks for Rare Sound Event Detection. teoksessa Proceedings of the Detection and Classification of Acoustic Scenes and Events 2017 Workshop (DCASE2017). Tampere University of Technology. Laboratory of Signal Processing. Sivut 27-31.

Calders K, Disney M, Nightingale J, Origo N, Barker A, Raunonen PA, Lewis P, Burt A, Brennan J, Fox N. 2015. Traceability of essential climate variables through forest stand reconstruction with terrestrial laser scanning. teoksessa Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems. Sivut 122-124.

Calders K, Burt A, Newnham G, Disney M, Murphy S, Raunonen P, Herold M, Culvenor D, Armston J, Avitabile V, Kaasalainen M. 2015. Reducing uncertainties in above-ground biomass estimates using terrestrial laser scanning. teoksessa Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems. Sivut 197-199.

Camacho-Morales R, Bautista G, Zang X, Xu L, Turquet L, Miroshnichenko A, Lamprianidis A, Rahmani M, Neshev DN, Kauranen M. 2018. Resonant harmonic generation in AlGaAs nanoantennas using cylindrical vector beams. teoksessa CLEO: QELS\_Fundamental Science 2018. The Optical Society; OSA. [https://doi.org/10.1364/CLEO\\_QELS.2018.FF1E.6](https://doi.org/10.1364/CLEO_QELS.2018.FF1E.6)

Cardin J, Dufour C, KHOMENKOV V, Fafin A, Monnet I, Rizza G, COULON P-E, Slablab A, Maily D, Ulysse C, Lafosse X, Perruchas S, Gacoin T. 2013. Development of New Kinds of Plasmonics Materials Through Swift Heavy Ion Shaping Technique. teoksessa 7th International Conference on Materials for Advanced Technologies (ICMAT 2013), Jun 2013, Suntec, Singapore. Singapore.

Cenev Z, Zhang H, Sariola V, Rahikkala A, Liu D, Santos HA, Zhou Q. 2017. Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle. Advanced Materials Technologies. 3(1). <https://doi.org/10.1002/admt.201700177>

Chapuis Y, Demoly F, Coatanéa E, Gomes S. 2014. Product Upgradability: Towards a Medical Analogy. Grabot B, Vallespir B, Gomes S, Bouras A, Kiritsis D, Toimittajat. teoksessa ADVANCES IN PRODUCTION MANAGEMENT SYSTEMS: INNOVATIVE AND KNOWLEDGE-BASED PRODUCTION MANAGEMENT IN A GLOBAL-LOCAL WORLD, APMS 2014, PT III. PART 3 toim. Springer-Verlag, Berlin. Sivut 148-155. (IFIP Advances in Information and Communication Technology). [https://doi.org/10.1007/978-3-662-44733-8\\_19](https://doi.org/10.1007/978-3-662-44733-8_19)

Chaudhary S, Zhao Y, Berki E, Valtanen J, Li L, Helenius M, Mystakidis S, Nalam T, Thapa RB. 2015. Exploring Attitudes, Knowledge and Competencies for Security Technology: A Cross-Cultural Survey in Higher Education. teoksessa 8th International Conference on ICT, Society and Human Beings 2015. Sivut 11-18.

Chaudhary S, Zhao Y, Berki E, Valtanen J, Li L, Helenius M, Mystakidis S. 2015. A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students. IADIS International Journal on WWW/Internet. 13(1):57-71.

Chen Z, Dehmer M, Emmert-Streib F, Shi Y. 2015. Entropy of weighted graphs with Randić weights. Entropy. 17(6):3710-3723. <https://doi.org/10.3390/e17063710>

Chen X, He H, Ukkonen L, Virkki J, Lu Y, Lam H. 2018. Fabrication and reliability evaluation of passive UHF RFID T-shirts . teoksessa 2018 IEEE International Workshop on Antenna Technology, iWAT2018 - Proceedings. IEEE. Sivut 1-4. <https://doi.org/10.1109/IWAT.2018.8379146>

Chen X, He H, Ukkonen L, Virkki J, Xu J, Wang T, Cheng L. 2018. Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags. teoksessa 2018 IEEE International Conference on RFID Technology Application (RFID-TA). IEEE. <https://doi.org/10.1109/RFID-TA.2018.8552814>

Chetan Kumar V, Shiva Prakash SP, Balandin S. 2018. Performance Enhancement Of Optimized Link State Routing Protocol For Health Care Applications In Wireless Body Area Networks. teoksessa 2018 23rd Conference of Open Innovations Association (FRUCT). IEEE. Sivut 195-203. <https://doi.org/10.23919/FRUCT.2018.8588070>

Christiansen J, Birkinshaw J, Le Massaon P, Mäkinen S. 2017. Editorial: Experiments in an Organisational Context. CERN IdeaSquare Journal of Experimental Innovation. 1(2). <https://doi.org/10.23726/cij.2017.684>

Christophe F, Wang M, Coatanea E, Zeng Y, Bernard A. 2012. Grammatical and Semantic Disambiguation of Requirements at Elicitation and Representation Stages. teoksessa Proceedings of the ASME International Design Engineering Technical Conferences and Computers and Information in Engineering, 2011, vol 9. AMER SOC MECHANICAL ENGINEERS. Sivut 17-31.

Christophe F, Mokammel F, Coatanea E, Bakhouya M. 2013. Integration of evaluation and simulation methods for virtual prototypes. teoksessa Proceedings of the 15th International Conference on Engineering and Product Design Education: Design Education - Growing Our Future, EPDE 2013. Sivut 623-628.

Chudoba M, Rajaniemi J, Virkkala J, Toimittaja 2015. Raitiotien seisakkeet: Yhdyskuntasuunnittelun jatkokurssi A ja B. Tampere University of Technology, School of Architecture. 74 Sivumäärä

Chudoba M. 2015. Koteja ja kokonaistaideteoksia. Arkkitehti. (3):76-78.

Coatanea E, Ryyänen L, Calonijs O, Mokammel F, Riitahuhta A. 2015. 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. Procedia Engineering. 131:1165-1182. <https://doi.org/10.1016/j.proeng.2015.12.441>

Collin J, Perttula A, Parviainen J, Racko J, Brida P. 2016. Pedestrian Dead Reckoning with Particle Filter for Handheld Smartphone. teoksessa 2016 International Conference on Indoor Positioning and Indoor Navigation (IPIN). IEEE. <https://doi.org/10.1109/IPIN.2016.7743608>

Contreras V, Lonnqvist J, Toivonen J. 2015. Single micro-particle scattering detection based on Edge Filter Enhanced Self-Mixing Interferometry. teoksessa 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. Optical Society of America. Sivut CH\_P\_11.

Dang D, Pekkola S. 2015. Systematic Literature Review on Enterprise Architecture in the Public Sector. Öörni A, Iivari N, Kuutti K, Oinas-Kukkonen H, Rajanen M, Toimittajat. teoksessa The 38th Information Systems Research Conference in Scandinavia (IRIS38).

Dang D, Pekkola S. 2017. Enterprise architecture and organizational reform: a project debrief. teoksessa Proceedings the 21st Pacific Asian Conference on Information Systems 2017 (PACIS'2017): Langkawi, Malay, 16-20 July, 2017. Association for Information Systems AIS.

Davidson P, Raunio JP, Piché R. 2016. Accurate depth estimation from a sequence of monocular images supported by proprioceptive sensors. teoksessa 23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation. Sivut 249-257.

Davidson P, Merkulova I. 2016. Computer vision aided navigation systems. teoksessa 23rd Saint Petersburg International Conference on Integrated Navigation Systems, ICINS 2016 - Proceedings. State Research Center of the Russian Federation. Sivut 560-562.

Dehghani N, Supponen A, Repo S. 2015. Risk Assessment of Major Storm Situation in Distribution System. teoksessa 2015 50th International Universities Power Engineering Conference (UPEC). IEEE. <https://doi.org/10.1109/UPEC.2015.7339808>

Devillers R, Valmari A, Toimittaja 2015. Application and Theory of Petri Nets and Concurrency: 36th International Conference, PETRI NETS 2015 Brussels, Belgium, June 21-26, 2015 Proceedings. Springer Verlag. (Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)). <https://doi.org/10.1007/978-3-319-19488-2>

Devos M, Ometov A, Mäkitalo N, Aaltonen T, Andreev S, Koucheryavy Y. 2016. D2D communications for mobile devices: Technology overview and prototype implementation. teoksessa 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). IEEE. Sivut 124-129. <https://doi.org/10.1109/ICUMT.2016.7765344>

Di Buo B, D'Ignazio M, Selänpää J, Länsivaara T. 2016. Preliminary results from a study aiming to improve ground investigation data. teoksessa Proceedings of the 17th Nordic Geotechnical Meeting: Challenges in Nordic Geotechnic 25th-28th of May. Reykjavik: Icelandic Geotechnical Society. Sivut 187-197.

D'Ignazio M, Di Buo B, Länsivaara T. 2015. A study on the behaviour of the weathered crust in the Perniö failure test. teoksessa Proceedings of the XVI ECSMGE 2015: 13-17 September 2015 - Edinburgh, Geotechnical Engineering for Infrastructure and Development. ICE Publishing. Sivut 3639-3644.

D'Ignazio M, Länsivaara T. 2016. Strength increase below an old test embankment in Finland. teoksessa The 17th Nordic Geotechnical Meeting: Conference proceedings. Reykjavik: Icelandic Geotechnical Society. Sivut 357-366.

Dongho-Nguimdo GM, Igumbor E, Zambou S, Joubert DP. 2019. First principles prediction of the solar cell efficiency of chalcopyrite materials  $AgMX_2$  (M=In, Al; X=S, Se, Te). Computational Condensed Matter. 21. <https://doi.org/10.1016/j.cocom.2019.e00391>

Drossos K, Kotsakis R, Pappas P, Kalliris G, Floros A. 2013. Investigating Auditory Human-Machine Interaction: Analysis and Classification of Sounds Commonly Used by Consumer Devices. teoksessa Audio Engineering Society Convention 134. AES Audio Engineering Society.

Drossos K, Floros A, Potirakis S, Tatlas N-A, Tuna G. 2014. A Socially-Intelligent Multi-Robot Service Team for In-Home Monitoring. teoksessa Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE. Sivut 159-164. <https://doi.org/10.1109/IISA.2014.6878763>

Drossos K, Floros A, Agavanakis K, Tatlas N-A, Kanellopoulos N. 2012. Emergency Voice/Stress - level Combined Recognition for Intelligent House Applications. teoksessa Audio Engineering Society Convention 132. AES Audio Engineering Society.

Drossos K, Kotsakis R, Kalliris G, Floros A. 2013. Sound Events and Emotions: Investigating the Relation of Rhythmic Characteristics and Arousal. teoksessa Information, Intelligence, Systems and Applications (IISA), 2013 Fourth International Conference on. IEEE. Sivut 1-6. <https://doi.org/10.1109/IISA.2013.6623709>

Drossos K, Floros A, Giannakouloupoulos A. 2014. BEADS: A dataset of Binaural Emotionally Annotated Digital Sounds. teoksessa Information, Intelligence, Systems and Applications, IISA 2014, The 5th International Conference on. IEEE. Sivut 158-163. <https://doi.org/10.1109/IISA.2014.6878749>



Drossos K, Zormpas N, Giannakopoulos G, Floros A. 2015. Accessible Games for Blind Children, Empowered by Binaural Sound. teoksessa Proceedings of the 8th ACM International Conference on Pervasive Technologies Related to Assistive Environments. New York, NY, USA: Association for Computing Machinery (ACM). Sivut 5:1-5:8. (PETRA '15). <https://doi.org/10.1145/2769493.2769546>

Du L, Leivo V, Prasauskas T, Turunen M, Kiviste M, Martuzevicius D, Haverinen-Shaughnessy U. 2015. Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions. Energy Procedia. 78:860-864. <https://doi.org/10.1016/j.egypro.2015.11.008>

Dumitrescu M, Uusitalo T, Virtanen H, Laakso A, Bardella P, Montrosset I. 2016. Simulation of photon-photon resonance enhanced direct modulation bandwidth of DFB lasers. teoksessa 16th International Conference on Numerical Simulation of Optoelectronic Devices, NUSOD 2016. IEEE. Sivut 147-148. <https://doi.org/10.1109/NUSOD.2016.7547075>

Edelman H, Härkönen K, Toimittaja 2015. Sustainable Design Studio 2014. Tampere University of Technology. School of Architecture. 79 Sivumäärä

Einolander J. 2015. Evaluating organizational commitment in support of organizational leadership. teoksessa 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. Sivut 668-673. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.300>

Einolander J, Vanharanta H. 2015. Assessment of student retention using the Evolute approach, an overview. teoksessa 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. Sivut 581-586. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.269>

El-Khozondar H, El-Khozondar R, Matter K, Suntio T. 2016. A review study of photovoltaic array maximum power point tracking algorithms. Renewables: Wind, Water, and Solar. 3(1). <https://doi.org/10.1186/s40807-016-0022-8>

Ellman A, Paronen J, Juuti TS, Tiainen T. 2018. Re-use of engineering design rationale in Finnish SME project based industry. teoksessa Proceedings of the Design 2018 15th International Design Conference. The Design Society. Sivut 1825-1832. <https://doi.org/10.21278/idc.2018.0363>

Ellman A, Tiainen T. 2019. Diffusion of innovation: Case of co-design of cabins in mobile work machine industry. Computers. 8(2). <https://doi.org/10.3390/computers8020039>

Eloranta V-P. 2014. Patterns for controlling chaos in a startup. teoksessa VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs. Association for Computing Machinery. Sivut 1-8. (ACM International Conference Proceeding Series). <https://doi.org/10.1145/2676680.2676682>

Eloranta V-P, Koskinen J, Leppänen MK, Toimittaja 2013. Proceedings of VikingPLoP 2013 Conference. Tampere University of Technology. Department of Pervasive Computing. 125 Sivumäärä (Tampere University of Technology. Department of Pervasive Computing. Report).

Eloranta V-P, Koskinen J, Leppänen M, Toimittaja 2012. Proceedings of VikingPLoP 2012 Conference. Tampere University of Technology. Department of Software Systems. 142 Sivumäärä (Tampere University of Technology. Department of Software Systems. Report).

Eriksson S-L, Orelma H, Vuojamo V. 2015. Generalized hyperbolic harmonic functions in the plane. teoksessa Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2014 (ICNAAM-2014). American Institute of Physics Inc. <https://doi.org/10.1063/1.4912658>

Eriksson S-L, Haukkanen P, Hukka TI, Lemmetyinen H. 2015. Tampereen matemaattisten aineiden aineenopettajakoulutus. Lumat. 3( 6):800-807.

- Eteläaho A, Soini J, Jaakkola H, Mattila A-L. 2017. Visual Data Mining in Software Repositories: A Survey. Sornlertlamvanich V, Chawakitchareon P, Hansuebsai A, Koopipat C, Kiyoki Y, Jaakkola H, Thalheim B, Yoshida N, Toimittajat. teoksessa The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases. Sirindhorn International Institute of Technology, Thammasat University, Thailand. Sivut 367-385.
- Fakour-Sevom V, Guldogan E, Kämäräinen J-K. 2018. 360 panorama super-resolution using deep convolutional networks . teoksessa VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . SCITEPRESS. Sivut 159-165. <https://doi.org/10.5220/0006618901590165>
- Fang CY, Vallini F, Amili AE, Tukiainen A, Lyytikäinen J, Guina M, Fainman Y. 2018. Development of efficient electrically pumped nanolasers based on InAlGaAs tunnel junction. teoksessa CLEO: Science and Innovations, CLEO\_SI 2018. OSA - The Optical Society. [https://doi.org/10.1364/CLEO\\_SI.2018.SW4Q.4](https://doi.org/10.1364/CLEO_SI.2018.SW4Q.4)
- Fard Sanei MA, Kiilunen J, Pippola J, Lahokallio S, Frisk L. 2015. Thermomechanical properties of overmold epoxies in MEMS packaging. teoksessa Proceedings of the IMAPS Nordic Annual Conference , June 8-9, 2015, Helsingør, Denmark. IMAPS Nordic. Sivut 175-179.
- Fedorik F, Malaska M. 2015. The Effects of Initial Moisture on Damp Problems of a Timber Framed Wall Construction - a Numerical Approach. Kouhia R, Mäkinen J, Pajunen S, Saksala T, Toimittajat. teoksessa Proceedings of the XII Finnish Mechanics Days : Finnish mechanics days . Espoo, Finland: Finnish Association for Structural Mechanics. Sivut 18-23.
- Fedotov A, Noronen T, Rissanen J, Gumenyuk R, Petrov A, Chamorovskii Y, Golant K, Odnoblyudov M, Filippov V. 2018. High power picosecond MOPA with anisotropic ytterbium-doped tapered double-clad fiber. Taccheo S, Mackenzie JI, Ferrari M, Toimittajat. teoksessa Proceedings of SPIE : Fiber Lasers and Glass Photonics: Materials through Applications. SPIE-INT SOC OPTICAL ENGINEERING. (Proceedings of SPIE). <https://doi.org/10.1117/12.2307693>
- Fedotov A, Pominova D, Orlovskaya E, Orlovskii Y, Niemi T, Gumenyuk R. 2019. Analysis of upconversion nanoparticles as an active medium for upconversion light sources. teoksessa Proceedings of SPIE: Optical Components and Materials XVI. S P I E - International Society for Optical Engineering. (Proceedings of SPIE : the International Society for Optical Engineering). <https://doi.org/10.1117/12.2507599>
- Fei ZS, Gao Q, Fu Y, Isotalo T, Niemelä J. 2015. Distributed power allocation over indoor multi-pico stations. Journal of the Beijing Institute of Technology. 24(2):227-232. <https://doi.org/10.15918/j.jbit1004-0579.201524.0214>
- Ferrer BR. 2015. A Proposal of Decentralized Architecture for OKD-MES. Strzelczak S, Balda P, Garetti M, Lobov A, Toimittajat. teoksessa Open Knowledge-Driven Manufacturing & Logistics: The eScop Approach. Warsaw: Warsaw University of Technology Publishing House. Sivut 331-340.
- Filanovsky IM, Järvenhaara JK, Tchamov NT. 2016. On Moderate Inversion/Saturation Regions As Approximations to "Reconciliation" Model. teoksessa 2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE), Vancouver, May 15-18, 2016. IEEE. <https://doi.org/10.1109/CCECE.2016.7726696>
- Filanovsky I, Tchamov N. 2017. Maximally Flat Property and Bandwidth Enhancing by Transfer Function Zeroes IEEE-NewCAS France. teoksessa 2017 15th IEEE International New Circuits and Systems Conference (NEWCAS). IEEE. <https://doi.org/10.1109/NEWCAS.2017.8010113>
- Filippov V, Ustimchik VE, Chamorovskiy Y, Golant K, Vorotynskii A, Okhotnikov O. 2015. Impact of Axial Profile of the Gain Medium on the Mode Instability in Lasers: Regular Versus Tapered Fibers. teoksessa The European Conference on Lasers and Electro-Optics 2015. OSA.
- Filippov V, Chamorovskii YK, Golant KM, Vorotynskii A, Okhotnikov OG. 2016. Optical amplifiers and lasers based on tapered fiber geometry for power and energy scaling with low signal distortion. Ballato J, Toimittaja. teoksessa Proceedings of SPIE: Fiber Lasers XIII: Technology, Systems, and Applications. SPIE. ( SPIE conference proceedings). <https://doi.org/10.1117/12.2218051>

Filippov V, Vorotynskii A, Noronen T, Gumenyuk R, Chamorovskii Y, Golant K. 2017. Picosecond MOPA with ytterbium doped tapered double clad fiber. teoksessa *Fiber Lasers XIV: Technology and Systems*. SPIE. (Proceedings of SPIE; 10083). <https://doi.org/10.1117/12.2252006>

Fischer H, Laamanen A, Iso-Heiko A, Schäfer O, Karvonen M, Karhu O, Huhtala K, Pulkkinen V-P, Huttunen A. 2015. Digital Hydraulics on Rails – Pilot Project of Improving Reliability on Railway Rolling Stock by Utilizing Digital Valve System. Laamanen A, Huhtala K, Toimittajat. teoksessa *Proceedings of The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15*. Sivut 644-654.

Fotiadi AA, Korobko DA, Okhotnikov OG, Zolotovskii IO. 2016. Optical fiber amplifier with spectral compression elements for high-power laser pulse generation. teoksessa *Nonlinear Optics and its Applications IV*. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2223637>

Fouladi A, Järvenhaara J, Filanovsky IM, Tchamov NT. 2016. A Variable Battery Supply DC-DC Buck Converter Designed for 45nm-CMOS Technology. teoksessa *2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE)*, Vancouver, May 15-18, 2016.. <https://doi.org/10.1109/CCECE.2016.7726839>

Frankberg EJ. 2015. Suomen keraaminen seura - Keramiska sällskapet i Finland. *Materia*. 5:58-58.

Frantc VA, Makov SV, Voronin VV, Marchuk VI, Semenishchev EA, Egiazarian KO, Agaian S. 2016. Simultaneous binary hash and features learning for image retrieval. teoksessa *Mobile Multimedia/Image Processing, Security, and Applications 2016*. SPIE. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2223605>

Galinina O, Turlikov A, Pyattaev A, Johnsson K, Andreev S, Koucheryavy Y. 2015. A Capacity Bound for mmWave-based Channel Access in Ultra-Dense Wearable Deployments. teoksessa *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. Sivut 298-304. <https://doi.org/10.1109/ICUMT.2015.7382446>

Galinina O, Turlikov A, Andreev S, Koucheryavy Y. 2016. Improving reliability of replicated message delivery in cellular machine-type communications. teoksessa *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. Sivut 106-110. <https://doi.org/10.1109/ICUMT.2016.7765341>

Garifullin MR, Barabash AV, Naumova EA, Zhuvak OV, Jokinen T, Heinisuo M. 2016. Surrogate modeling for initial rotational stiffness of welded tubular joints. *Magazine of Civil Engineering*. 63(3):53-76. <https://doi.org/10.5862/MCE.63.4>

Garifullin M, Bronzova MK, Heinisuo M, Mela K, Pajunen S. 2018. Cold-formed RHS T joints with initial geometrical imperfections. *Magazine of Civil Engineering*. 80(4):81-94. <https://doi.org/10.18720/MCE.80.8>

Garifullin M. 2018. Experimental moment resistance of rectangular hollow section T joints. *MATEC Web of Conferences*. 245. <https://doi.org/10.1051/mateconf/201824508003>

Geng J, Li H, Liu Y, Liu Y, Kashef M, Candell R, Bhattacharyya SS. 2018. Model-based cosimulation for industrial wireless networks. teoksessa *WFCS 2018 - 2018 14th IEEE International Workshop on Factory Communication Systems*. IEEE. Sivut 1-10. <https://doi.org/10.1109/WFCS.2018.8402343>

Georgiev GY, Aho T, Kesseli J, Yli-Harja O, Kauffman SA. 2019. Action and power efficiency in self-organization: The case for growth efficiency as a cellular objective in *escherichia coli*. Flores Martinez CL, Georgiev GY, Smart JM, Price ME, Toimittajat. teoksessa *Evolution, Development and Complexity - Multiscale Evolutionary Models of Complex Adaptive Systems*. Springer. Sivut 229-244. (Springer Proceedings in Complexity). [https://doi.org/10.1007/978-3-030-00075-2\\_8](https://doi.org/10.1007/978-3-030-00075-2_8)

Gomez Casco D, Lohan E-S, Lopez-Salcedo JA, Seco-Granados G. 2017. Multilag Frequency Estimation for High-Order BOC Signals in the Acquisition Stage. teoksessa *2016 8th ESA Workshop on Satellite Navigation Technologies and European Workshop on GNSS Signals and Signal Processing (NAVITEC)*. IEEE. <https://doi.org/10.1109/NAVITEC.2016.7849325>

Gómez-Herrero G, Wu W, Rutanen K, Soriano MC, Pipa G, Vicente R. 2015. Assessing coupling dynamics from an ensemble of time series. *Entropy*. 17(4):1958-1970. <https://doi.org/10.3390/e17041958>

Goncalves NSM, Martins L, Tran H, Oliveira SMD, Neeli-Venkata R, Fonseca J, Ribeiro AS. 2016. In vivo single-molecule dynamics of transcription of the viral T7 Phi 10 promoter in *Escherichia coli*. teoksessa *The 8th International Conference on Bioinformatics, Biocomputational Systems and Biotechnologies (BIOTECHNO2016)*. IARIA. Sivut 9-15.

Gonzalez de Tanago J, Bartholomeus H, Joseph S, Herold M, Avitabile V, Goodman R, Raunonen P, Burt A. 2015. Terrestrial LiDAR and 3D tree Quantitative Structure Model for quantification of aboveground biomass loss from selective logging in a tropical rainforest of Peru. teoksessa *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. Sivut 119-121.

Grigonyte J, Sippula O, Tissari J, Laitinen A, Keskinen J, Kortelainen M, Lamberg H, Jokiniemi J. 2015. A study of a condensing heat exchanger and electrostatic precipitator combination for small-scale wood combustion. teoksessa *European Aerosol Conference 2015: EAC 2015, Milan, Italy*.

Gudkova I, Samouylov K, Ostrikova D, Mokrov E, Ponomarenko-Timofeev A, Andreev S, Koucheryavy Y. 2015. Service Failure and Interruption Probability Analysis for Licensed Shared Access Regulatory Framework. teoksessa *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. Sivut 123-131. <https://doi.org/10.1109/ICUMT.2015.7382416>

Gudkova I, Markova E, Masek P, Andreev S, Hosek J, Yarkina N, Samouylov K, Koucheryavy Y. 2016. Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access. teoksessa *2016 8th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. Sivut 119-123. <https://doi.org/10.1109/ICUMT.2016.7765343>

Gupta J, Kärkkäinen H, Torro O, Mukkamala RR. 2019. Revisiting Social Media Tie Strength in the Era of Data Access Restrictions. teoksessa *Proceedings of the 11th International Conference on Knowledge Management and Information Systems (KMIS 2019)*. SCITEPRESS. Sivut 187-194. <https://doi.org/10.5220/0008067501870194>

Haapanen J. 2015. Principles of designing for situation awareness. Tampere: Maanpuolustuskorkeakoulu Sotatekniikan laitos. Sivut 29-46. (Situational awareness for critical infrastructure protection; 1).

Haapanen J, Krohns-Välimäki H, Verho P. 2016. Improving the Situation Awareness of DSOs in Major Disturbances by Visualizing the State of Mobile Networks. teoksessa *CIREN Workshop 2016*.

Habib M, Hussain A, Rasheed S, Ali M. 2016. Adaptive fuzzy inference system based directional median filter for impulse noise removal. *AEU International Journal of Electronics and Communication*. 70(5):689-697. <https://doi.org/10.1016/j.aeue.2016.02.005>

Habib M, Rasheed S, Hussain A, Ali M. 2016. Random Value Impulse Noise Removal Based on Most Similar Neighbors. teoksessa *2015 13th International Conference on Frontiers of Information Technology (FIT)*. IEEE. Sivut 329-333. <https://doi.org/10.1109/FIT.2015.64>

Hackenberg J, Spiecker H, Calders K, Disney M, Raunonen P. 2015. SimpleTree: An Efficient Open Source Tool to Build Tree Models from TLS Clouds. *Forests: Open Access Journal*. 6(11):4245-4294. <https://doi.org/10.3390/f6114245>

Hagman S 2015. Oppivan organisaation kehittäminen osaavaksi organisaatioksi. Tapaustutkimus suomalaisessa teollisuusyhtiössä. Tampere University of Technology. 209 Sivumäärä (Tampere University of Technology. Publication).

Hagmark P, Laitinen J. 2014. Modeling of Age-Dependent Failure Tendency from Incomplete Data. Lee J, Ni J, Sarangapani J, Mathew J, Toimittajat. teoksessa *Engineering Asset Management 2011: Proceedings of the Sixth World Congress on Engineering Asset Management*. London: Springer-Verlag London Limited. Sivut 449-459. (Lecture Notes in Mechanical Engineering). [https://doi.org/10.1007/978-1-4471-4993-4\\_40](https://doi.org/10.1007/978-1-4471-4993-4_40)

Hajikazemi S, Ahola T, Aaltonen K, Aarseth W, Andersen B. 2019. Normalization of deviance in the construction industry, a managerial perspective. teoksessa European Academy of Management Conference 2019, EURAM: 26-28 June, Lissabon, Portugal. (European academy of management annual conference).

Hakkarainen T, Tommila J, Schramm A, Simonen J, Niemi T, Strelow C, Kipp T, Kontio J, Guina M. 2016. Site-controlled InAs Quantum Dots for Plasmonics. teoksessa Conference on Lasers and Electro-Optics 2016: QELS\_Fundamental Science. OSA - The Optical Society. [https://doi.org/10.1364/CLEO\\_QELS.2016.FM1B.3](https://doi.org/10.1364/CLEO_QELS.2016.FM1B.3)

Hakkarainen T, Leahu G, Petronijevic E, Belardini A, Centini M, Li Voti R, Koivusalo E, Rizzo Piton M, Guina M, Sibilica C. 2017. Photo-acoustic Spectroscopy of Resonant Absorption in III-V Semiconductor Nanowires. teoksessa CLEO: Applications and Technology 2017: San Jose, California United States 14–19 May 2017. The Optical Society; OSA. [https://doi.org/10.1364/CLEO\\_AT.2017.JTh2A.48](https://doi.org/10.1364/CLEO_AT.2017.JTh2A.48)

Halbach E, Kolu A, Ghabcheloo R. 2018. Automated pile transfer work cycles with a robotic wheel loader. Mela K, Pajunen S, Raasakka V, Toimittajat. teoksessa 17th International Conference on Computing in Civil and Building Engineering (ICCCBE): Tampere, 5-7 June 2018. Tampere, Finland: RIL.

Halinoja M 2015. Environment Interpretation for Business Continuity in a Project Supplier's Networks – Critical Factors in International Industrial Upgrades. Tampere: Tampere University of Technology. 237 Sivumäärä (Tampere University of Technology. Publication).

Hannus S 2015. Value Creation in Private Equity: A Case Study of Outperforming Buyouts in the Nordic Countries. Tampere University of Technology. 180 Sivumäärä (Tampere University of Technology. Publication).

Harmanen J, Mikkonen T. 2016. On Polyglot Programming in the Web. teoksessa Modern Software Engineering Methodologies for Mobile and Cloud Environments. IGI Global. Sivut 102-119. <https://doi.org/10.4018/978-1-4666-9916-8.ch006>

Haverinen-Shaughnessy U, Pekkonen M, Turunen M, Aaltonen A, Leivo V. 2016. Building energy retrofits, occupant health and wellbeing. Prins M, Wamelink H, Giddings B, Ku K, Feenstra M, Toimittajat. teoksessa CIB World Building Congress 2016 Proceedings : Volume 2 Environmental Opportunities and challenges - Constructing commitment and acknowledging human experiences. Tampere University of Technology. Department of Civil Engineering. Sivut 679-687.

He H, Chen X, Ukkonen L, Virkki J. 2019. Clothing-Integrated Passive RFID Strain Sensor Platform for Body Movement-Based Controlling. teoksessa 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE. Sivut 236-239. <https://doi.org/10.1109/RFID-TA.2019.8892118>

Heikkilä J, Martinsuo M. 2015. Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin. Työpoliittinen aikakauskirja. (3):18-24.

Heikkilä J, Jääskeläinen A, Thitz O. 2016. Long-term effects of purchasing: fact or fiction?. teoksessa Proceedings of 25th IPSERA 2016 conference, 20-23.3.2016, Dortmund, Germany. . International Purchasing and Supply Education and Research Association IPSERA.

Heikkinen J, Gumenyuk R, Rantamäki A, Lyytikäinen J, Leinonen T, Zolotovskii I, Melkumov M, Dianov EM, Okhotnikov OG. 2015. Power and wavelength scaling using semiconductor disk laser - bismuth fiber MOPA systems. Guina M, Toimittaja. teoksessa Vertical External Cavity Surface Emitting Lasers (VECSELs) V. BELLINGHAM: SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2076805>

Heinimäki TJ, Elomaa T. 2015. Augmenting Technology Trees: Automation and Tool Support. teoksessa Proceedings of the Seventh International Conference on Virtual Worlds and Games for Serious Applications (VS-Games 2015). IEEE. Sivut 68-75. <https://doi.org/10.1109/VS-GAMES.2015.7295765>

Heinisuo M, Mela K, Tiainen T, Jokinen T, Baczkiewicz J, Garifullin M. 2015. Surrogate model for rotational stiffness of welded tubular Y-joints. teoksessa METNET Tenth International Seminar in Budapest 13.-14.10.2015. Sivut 18-39. (HAMKin julkaisu; 15).

Heinisuo M, Mäkinen J, Toimittaja 2015. The 13th Nordic Steel Construction Conference (NSCC.2015). Tampere: Tampere University of Technology.

Helamaa A. 2015. Kattavasti rivitaloista. Arkkitehti. (3):80-81.

Helander N, Sillanpää V, Vuori V, Uusitalo O. 2017. Customer Perceived Value - A Key in Marketing of Integrated Solutions. Kavoura A, Sakas D, Tomaras P, Toimittajat. teoksessa The 5th International Conference on Strategic Innovative Marketing., At Athens, Greece, Volume: 5: September 23-26, 2016. Springer. Sivut 37-42. (Springer Proceedings in Business and Economics). [https://doi.org/10.1007/978-3-319-56288-9\\_6](https://doi.org/10.1007/978-3-319-56288-9_6)

Helander N, Okkonen J, Vuori V, Paavilainen N, Kujala J. 2016. Enablers and Restraints of Knowledge Work – Does profession make a difference?. teoksessa 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. Sivut 40-52.

Helander N, Myllylä M. 2016. Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella. TAMPEREEN AMMATTIKORKEAKOULUN JULKAISUJA. SARJA B, RAPORTTEJA. 70-77.

Helander N, Boedeker M, Hellsten P, Jussila J, Myllärniemi J, Tukiainen M. 2016. Affective experiences and student engagement in higher education. teoksessa 44th Annual Conference Of The European Society For Engineering Education: 12-15 September 2016, Tampere, Finland. Tampere.

Helander N, Vesalainen J, Juha P. 2015. Coopetition and company performance. teoksessa IMP 2015 Conference.

Helander N, Väyrynen H, Zhao X, Kukko M. 2015. The development curve of knowledge management practices: a ten year perspective from top50 Finnish enterprises. teoksessa 15th Eurasia business and economics society conference: Lisbon, Portugal, January 8-10, 2015. Springer.

Heljo J, Kauppinen T. 2015. Pystytäänkö haitallisia ilmanvaihtovikoja havaitsemaan ja poistamaan. Vinha J, Ruuska T, Toimittajat. teoksessa Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 325-330.

Heljo J, Sorri J, Harsia P. 2017. Energiätehokkuus on entistä enemmän sähkötehon hallintaa. Vinha J, Kivioja H, Toimittajat. teoksessa Rakennusfysiikka 2017: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. Sivut 281-286. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Hellsten P, Myllärniemi J. 2019. Business intelligence process model revisited. Bernardino J, Salgado A, Filipe J, Toimittajat. teoksessa IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS. Sivut 341-348. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management).

Hilliaho K, Nordquist B, Wallentén P. 2015. Koko Julkisivua peittävän lasijulkisivun vaikutus Etelä-Ruotsissa sijaitsevan rakennuksen energiatehokkuuteen. Vinha J, Ruuska T, Toimittajat. teoksessa Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 509-516. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu 4; 4).

Hilliaho K, Hietaniemi J, Visa P. 2015. Lasitettujen parvekkeiden ja terassien käyttäytyminen tulipaloissa. Palontorjuntatekniikka. (Erikoinennumero):18-23.

Hirvonen T 2015. Seinäjoen ydinkeskustan olennaiset kehitysvaiheet ja sen 1950 - 70-lukujen rakennusperinnön arvottamisperiaatteita. Tampere: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. 121 Sivumäärä

Hlavatý I, Kozák J, Krejci L, Samardzic I, Tuominen J. 2017. The effect of tungsten carbide particles content in a weld deposit on its abrasion resistance. *Technical Gazette - Technicki vjesnik*. 24(5):1345-1349. <https://doi.org/10.17559/TV-20160503085356>

Höjbjerg Clarke A, Rostgaard Evald M, Aarikka-Stenroos L. 2015. Developing commercialization plans through stakeholder interaction: Patterns identified from Public-Private Innovation Projects. Vagn Freytag P, Höjbjerg Clarke A, Toimittajat. teoksessa *The 31st Annual IMP Conference and Doctoral Colloquium 2015*, Kolding, Denmark..

Hokka M, Östman K, Rämö J, Kuokkala VT. 2015. High Temperature Tension HSB Device Based on Direct Electrical Heating. Song B, Casem D, Kimberley J, Toimittajat. teoksessa *Dynamic Behavior of Materials, Volume 1: Proceedings of the 2014 Annual Conference on Experimental and Applied Mechanics*. Springer. Sivut 227-233. (Conference Proceedings of the Society for Experimental Mechanics Series). [https://doi.org/10.1007/978-3-319-06995-1\\_34](https://doi.org/10.1007/978-3-319-06995-1_34)

Hokka M, Mirow N, Nagel H, Vogt S, Kuokkala V-T. 2016. DIC measurements of the human heart during cardiopulmonary bypass surgery. teoksessa *Conference Proceedings of the Society for Experimental Mechanics Series*. Springer New York LLC. Sivut 51-59. [https://doi.org/10.1007/978-3-319-21455-9\\_6](https://doi.org/10.1007/978-3-319-21455-9_6)

Holopainen S, Kouhia R, Könnö J, Saksala T. 2015. Computational modelling of high-cycle fatigue using a continuum based model. teoksessa *Proceedings of the NSCM28: 28th Nordic Seminar on Computational Mechanics*, October 22 – 23, 2015, Tallinn, Estonia. Sivut 71-74.

Holopainen S. 2015. Transpositions and duals high-order tensors. On theory and applications in mechanics. Kouhia R, Toimittaja. teoksessa *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät. Rakenteiden Mekaniikan Seura ry*. Sivut 188-193. (*Journal of Structural Mechanics*).

Holopainen S. 2016. Evolution equations based approach for modeling of fatigue in amorphous glassy polymers. On the investigation of fatigue damage development in polycarbonate. Papadrakakis M, Papadopoulos V, Stefanou G, Plevris V, Toimittajat. teoksessa *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*. Sivut 6675-6687. <https://doi.org/10.7712/100016.2289.11047>

Holopainen S, Kouhia R. 2016. Continuum approach for modeling fatigue in amorphous glassy polymers. Applications to the investigation of damage mechanisms in polycarbonate.

Hongisto V, Kylliäinen M, Hyönä J. 2015. ÄKK-hankkeen suositukset tulevaisuuden ääneneristysmääräyksiä koskien. teoksessa *Rakennusfysiikka 2015*. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 561-566.

Hosek J, Kovac D, Uhlir D, Galinina O, Andreev S, Koucheryavy Y, Ries M. 2015. On Predicting Video Quality Expectations of Mobile Users. teoksessa *2015 7th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE. Sivut 110-115. <https://doi.org/10.1109/ICUMT.2015.7382414>

Hosseini SSS, Jamali MM, Astola J, Gorsevski PV. 2016. Target tracking via combination of particle filter and optimisation techniques. *International Journal of Mathematical Modelling and Numerical Optimization*. 7(2):212-229. <https://doi.org/10.1504/IJMMNO.2016.077068>

Ho-Van K, Sofotasios PC, Que Son V, Thanh Tra L, Hong Lien P. 2015. Analysis of Cognitive Cooperative Networks with Best Relay Selection and Diversity Reception. teoksessa *2015 International Conference on Advanced Technologies for Communications (ATC)*. IEEE. Sivut 651-656. <https://doi.org/10.1109/ATC.2015.7388412>

Huhtelin M, Nenonen S. 2015. A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development. *Procedia Economics and Finance*. 21:137 - 145. [https://doi.org/10.1016/S2212-5671\(15\)00160-4](https://doi.org/10.1016/S2212-5671(15)00160-4)

Huhtelin M, Nenonen S. 2016. The Workplace for Researchers – Enhancing Concentration and Face-to-face Interaction. teoksessa *Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities*. Tampere University of Technology. Department of Civil Engineering. Sivut 753-764.

Hukka JJ, Katko TS. 2015. Resilient Asset Management and Governance Fordeteriorating Water Services Infrastructure. *Procedia Economics and Finance*. 21:112-119. [https://doi.org/10.1016/S2212-5671\(15\)00157-4](https://doi.org/10.1016/S2212-5671(15)00157-4)

Hukka JJ, Nyanchaga EN, Katko TS. 2016. Integrated urban water management, the green economy and institutional eco-innovations. Saari A, Huovinen P, Toimittajat. teoksessa *Proceedings of the CIB World Building Congress 2016: Volume III - Building up business operations and their logic. Shaping materials and technologies*. Tampere: Tampere University of Technology. Department of Civil Engineering. Sivut 260-271.

Humaloja J-P, Hämäläinen T, Pohjolainen S. 2016. On Detecting the Shape of an Unknown Object in an Electric Field. Russo G, Capasso V, Nicosia G, Romano V, Toimittajat. teoksessa *Progress in Industrial Mathematics at ECMI 2014*. Springer International Publishing. (Mathematics in Industry). <https://doi.org/10.1007/978-3-319-23413-7>

Huotari P, Järvi K, Kortelainen S, Huhtamäki J. 2015. Winner-Does-Not-Take-All: Selective Attention and Local Bias in Platform-Based Markets. teoksessa *Academy of Management Proceedings: Meeting Abstract Supplement*. Academy of Management. (Academy of Management. Annual Meeting Proceedings).

Huova M, Ahopelto M, Ketonen M, Ahola V, Linjama M, Huhtala K. 2015. Characteristics of Digital Hydraulics with Commercial Controllers. teoksessa *The Seventh Workshop on Digital Fluid Power*. Linz Center of Mechatronics. Sivut 114-128.

Huovinen P. 2015. Theoretical 71-Concept Platform for Advancing Construction-related Business Management. *Procedia Economics and Finance*. 21:80-87. [https://doi.org/10.1016/S2212-5671\(15\)00153-7](https://doi.org/10.1016/S2212-5671(15)00153-7)

Huovinen P. 2015. Leveraging concepts for environmentally sustainable business management in construction - a focused review. Egbu C, Toimittaja. teoksessa *CIB Proceedings 2015 : Going North for Sustainability: Leveraging Knowledge and Innovation for Sustainable Construction and Development*. London, UK: IBEA Publications Ltd. Sivut 286-296.

Huovinen P. 2016. Relevance of five generic business ideation approaches vis-a-vis contexts embedded within construction markets. Achour N, Toimittaja. teoksessa *Proceedings of the CIB World Building Congress 2016, May 30 - June 3, 2016, Tampere, Finland: Advancing products and services*. Tampere: Tampere University of Technology. Department of Civil Engineering. Sivut 1129-1140.

Huttunen H, Shokrollahi Yancheshmeh F, Chen K. 2016. Car Type Recognition with Deep Neural Networks. teoksessa *2016 IEEE Intelligent Vehicles Symposium, IV 2016*. IEEE. Sivut 1115-1120. <https://doi.org/10.1109/IVS.2016.7535529>

Huttunen P, Rantala J, Vinha J. 2017. Suuren lämmöneristämättömän maanvastaisen alapohjan vaikutus rakennuksen energiankulutukseen. Vinha J, Kivioja H, Toimittajat. teoksessa *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere*. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. Sivut 335-342. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.).

Huuhka S. 2016. Demolition Rates of Buildings with Different Functions and Construction Materials. Zelezna J, Hajek P, Tywoniak J, Lupisek A, Sojkova K, Toimittajat. teoksessa *YRSB16 - iiSBE Forum of Young Researchers in Sustainable Building 2016: Innovations for Sustainable Future June 21, 2016, Prague*. Prague: Czech Technical University in Prague. Sivut 301-307.



Huuhka S. 2016. Demolished buildings: Empirical evidence on types, ages and construction materials. Hajek P, Tywoniak J, Lupisek A, Sojkova K, Toimittajat. teoksessa CESB16 - Central Europe towards Sustainable Building 2016: Innovations for Sustainable Future, June 22-24, 2016, Prague. Prague: Czech Technical University in Prague. Sivut 1105-1112.

Hynynen A, Panu A-M, Taanila T, Toimittaja 2015. Puu-Hubi: Perinteestä uusiin innovaatioihin. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. 107 Sivumäärä

Hynynen A. 2015. Puurakentamisesta potkua alueiden ja kaupunkien kehittämiseen. Hynynen A, Panu A-M, Taanila T, Toimittajat. teoksessa Puu-Hubi. : Perinteestä uusiin innovaatioihin. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Sivut 75-93.

Hynynen A. 2016. Extending Professional Fields. Architectural Research and Regional Development. Kähkönen K, Keinänen M, Toimittajat. teoksessa Proceedings of the CIB World Building Congress 2016.: Volume I - Creating built environments of new opportunities. Tampere University of Technology. Department of Civil Engineering. Sivut 372-383.

Hynynen A. 2016. Future in wood? Timber construction in boosting local development. European Spatial Research and Policy. 23(1):127-139. <https://doi.org/10.1515/esrp-2016-0007>

Hyötynen P, Mursu S, Teini J-P. 2014. Professional knowledge, skills and competencies of the new graduates and the engineering professionals - Comparison of the importance in working-life. teoksessa SEFI Annual Conference 2014. Brussel: European Society for Engineering Education SEFI.

Hyyti J, Hofmann M, Birkholz S, Bock M, Das SK, Grunwald R, Hoffmann M, Nagy T, Demircan A, Jupé M, Ristau D, Morgner U, Brée C, Woerner M, Elsaesser T, Steinmeyer G. 2015. Non-Instantaneous Polarization Dynamics in Resonant Dielectrics. teoksessa 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. Washington, D.C.: Optical Society of America.

Hyytinen T, Kivistö-Rahnasto J 2015. Liikuntapalveluiden ulkoistaminen ja palveluiden turvallisuus. Nykytilanne ja kuntien kokemukset – Loppuraportti. Helsinki: OPETUS- JA KULTTUURIMINISTERIÖ. 27 Sivumäärä (Opetus- ja kulttuuriministeriön julkaisuja).

Iarovy S, Xu X, Lobov A, Lastra JLM, Strzelczak S. 2015. Architecture for Open, Knowledge-Driven Manufacturing Execution System. teoksessa Advances in Production Management Systems: Innovative Production Management Towards Sustainable Growth. Springer. Sivut 519-527. [https://doi.org/10.1007/978-3-319-22759-7\\_60](https://doi.org/10.1007/978-3-319-22759-7_60)

Ikkala K, Lanz M, Kiviö J, Coatanéa E. 2015. Energy efficiency evaluation method for machine tools. teoksessa Flexible Automation and Intelligent Manufacturing 2015. The Choir Press. Sivut 58-65.

Ilomets S, Kalamees T, Lahdensivu J. 2016. Validation of the method to evaluate the corrosion propagation stage by hygrothermal simulation. teoksessa CESB 2016 - Central Europe Towards Sustainable Building 2016: Innovations for Sustainable Future. Czech Technical University in Prague. Sivut 1113-1120.

Isotalo TJ, Niemi T. 2016. Dots-on-the-fly electron beam lithography. Bencher C, Toimittaja. teoksessa SPIE Proceedings: Alternative Lithographic Technologies VIII. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2219136>

Jaakkola H, Thalheim B. 2015. Culture-Aware Web Information System Development. Welzer T, Hölbl M, Kiyoki Y, Thalheim B, Jaakkola H, Toimittajat. teoksessa 25th International Conference on Information Modelling and Knowledge Bases EJC 2015 June 9-12, 2015, Maribor, Slovenia. Maribor: University of Maribor, Faculty of Electrical Engineering and Computer Science. Sivut 121-138.

Jaakkola E, Aarikka-Stenroos L, Salmivalli L. 2015. Institutionalizing a service innovation in complex networks: The case of developing and diffusing electronic prescription in Finland. Vagn Freytag P, Höjbjerg Clarke A, Toimittajat. teoksessa The 31st Annual IMP Conference and Doctoral Colloquium 2015, Kolding, Denmark..

Jaakkola H, Thalheim B. 2016. Recognising the culture context in information search. Jaakkola H, Thalheim B, Kiyoki Y, Yoshida N, Toimittajat. teoksessa Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016. : June 6-10, 2016, Tampere, Finland. . Tampere: Tampere University of Technology Pori Department. Sivut 167-185. (Tampere University of Technology Pori Department Publications; 18).

Jaakkola H, Thalheim B, Kiyoki Y, Yoshida N, Toimittaja 2016. Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016: June 6-10, 2016, Tampere, Finland. . Tampere: Tampere University of Technology. (Tampere University of Technology, Pori Department Publications).

Jaakkola H, Thalheim B. 2017. Culture-Aware Web Information Systems in Dependence of Context. Sornlertlamvanich V, Chawakitchareon P, Hansuebsai A, Koopipat C, Kiyoki Y, Jaakkola H, Thalheim B, Yoshida N, Toimittajat. teoksessa The Proceedings of the 27th International Conference on Information Modelling and Knowledge Bases. Sirindhorn International Institute of Technology, Thammasat University, Thailand. Sivut 309-331.

Jääskeläinen A, Heikkilä J, Thitz O. 2015. Identifying the potential of performance measurement in supporting strategic purchasing and supply chain management. teoksessa 8th conference on performance measurement and management control. Nice, France: The European Institute for Advanced Studies in Management, EIASM. Sivut 1-21. (Conference on Performance Measurement and Management Control).

Jääskeläinen A, Thitz O, Heikkilä J. 2016. The role of the purchasing function in non-financial value creation. teoksessa 25th Proceedings of IPSERA 2016 conference, : 20-23.3.2016, Dortmund, Germany..

Jääskeläinen A, Thitz O, Heikkilä J. 2017. The role of performance measurement in supplier-buyer value-creation. teoksessa Proceedings of 9th Conference on Performance Measurement and Management Control: 13-15 September 2017, Nice, France. EIASM. (Conference on Performance Measurement and Management Control).

Jääskeläinen A, Schiele H, Aarikka-Stenroos L. 2018. A social capital perspective on gaining optimal solutions from suppliers as preferred customer. teoksessa Academy of Management Proceedings. 1 toim. Academy of Management AOM. (Academy of Management Proceedings; 1). <https://doi.org/10.5465/AMBPP.2018.16278abstract>

Jääskeläinen A, Sillanpää V, Helander N. 2019. A model for profiling information and knowledge management in the public sector. teoksessa Proceedings of 14th IFKAD 2019 conference: Matera, Italy, 5-7 June. . (Proceedings IFKAD).

Jama T, Lehtovuori P, Rajaniemi J, Siikonen M, Mäntynen J, Rantanen A, Joutsiniemi A, Koskela K, Kärkinen T, Saarikoski P, Saarniaho K 2018. Ideoita kaavoituksen sisällön uudistamiseen: Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke). Helsinki: Ympäristöministeriö. 74 Sivumäärä

Jäniskangas T 2015. Hiekkatekonurmipintaisten pesäpallokenttien ominaisuuksien muuttuminen ja elinkaari. Tampereen teknillinen yliopisto. Rakennustekniikan laitos. 45 Sivumäärä (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Maa- ja pohjarakenteet. Tutkimusraportti).

Jarusriboonchai P, Olsson T, Prabhu V, Väänänen-Vainio-Mattila K. 2015. CueSense: a Wearable Proximity-Aware Display Enhancing Encounters. teoksessa CHI EA '15 Proceedings of the 33rd Annual ACM Conference Extended Abstracts on Human Factors in Computing Systems . ACM. <https://doi.org/10.1145/2702613.2732833>

Järveläinen M, Yli-Hallila T, Salpavaara T, Verho J, Vilkkö M, Levänen E. 2015. Kolloidisten suspensioiden online -analysointi: tutkimuksesta liiketoimintaa. Materia. (5/2015):54-57.

Järvenpää E, Lanz M. 2015. Guidelines for Designing Human-friendly User Interfaces for Factory Floor Manufacturing Operators. teoksessa 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. Sivut 531-538. (IFIP Advances in Information and Communication Technology). [https://doi.org/10.1007/978-3-319-22759-7\\_61](https://doi.org/10.1007/978-3-319-22759-7_61)

Järvinen A, Kuuluvainen H, Niemi JV, Saari S, Dal Maso M, Pirjola L, Hillamo R, Janka K, Keskinen J, Rönkkö T. 2015. Monitoring urban air quality with a diffusion charger based electrical particle sensor. *Urban Climate*. 14(3). <https://doi.org/10.1016/j.uclim.2014.10.002>

Järvinen ST, Saari S, Keskinen J, Toivonen J. 2015. Detailed analysis of laser-induced breakdown spectroscopy of single particles using electrodynamic balance trapping. teoksessa *The European Conference on Lasers and Electro-Optics 2015*. Optical Society of America. Sivut CH\_7\_5.

Järvinen H-M, Mikkonen T. 2016. Industrial impact on topics and types of Master's theses: Empirical study of software engineering theses made in 1990-2016. Järvinen H-M, Clark R, Toimittajat. teoksessa *Proceedings of SEFI 2016 Annual Conference*. European Society for Engineering Education SEFI.

Jeronen J, Kouhia R. 2015. On the effect of damping on stability of non-conservative systems. Kouhia R, Mäkinen J, Pajunen S, Saksala T, Toimittajat. teoksessa *Proceedings of the XII Finnish Mechanics Days: Suomen XII mekaniikkapäivien esitelmät*. Rakenteiden Mekaniikan Seura ry. Sivut 77.

Jokinen J, Kanerva M, Saarela O. 2018. Multi-site delamination analysis using virtual crack closure technique for a composite aircraft wing flap. teoksessa *31st Congress of the International Council of the Aeronautical Sciences (Proceedings)*: Belo Horizonte, Brazil September 9-14, 2018. ICAS Press.

Jokipii J, Suntio T. 2015. Dynamic characteristics of three-phase Z-source-based photovoltaic inverter with asymmetric impedance network. teoksessa *9th International Conference on Power Electronics ECCE Asia (ICPE-ECCE Asia)*. IEEE. Sivut 1976-1983. <https://doi.org/10.1109/ICPE.2015.7168049>

Jokisalo J, Sankelo P, Sirén K, Vinha J. 2017. Kustannusoptimaaliset energiakorjaus- ja uusiutuvan energian tuotannon ratkaisut kunnallisissa palvelurakennuksissa. Vinha J, Kivioja H, Toimittajat. teoksessa *Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere*. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. Sivut 287-292.

Joutsenlahti J, Ali-Löytty S, Pohjolainen S. 2016. Developing Learning and Teaching in Engineering Mathematics with and without Technology. teoksessa *SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation*. European Society for Engineering Education SEFI.

Junttila H, Laukkarinen A, Vinha J. 2015. Puurunkoisten tuuletettujen yläpohjien kosteustekninen toiminta. Vinha J, Ruuska T, Toimittajat. teoksessa *Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut*. 20.-22.10.2015, Tampere.. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 77-82. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Jussila JJ, Kärkkäinen H, Aramo-Immonen H, Ammirato S, Michele Felicetti A, Della Gala M. 2015. Social media applications in external B2B transactions: An empirical analysis of the Finnish technology industry. teoksessa *10th International Forum on Knowledge Asset Dynamics: Culture, Innovation and Entrepreneurship: connecting the knowledge dots*. Bari. Sivut 1930-1940.

Jussila J 2015. *Social Media in Business-to-Business Companies' Innovation*. Tampere University of Technology. 70 Sivumäärä (Tampere University of Technology. Publication).

Jussila J, Aramo-Immonen H, Rouvari O, Porkka P, Ammirato S. 2016. Does Strategic and Innovative Fit Indicate Smart Social Media use in a Company?. teoksessa *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. Sivut 1973-1983.

Jussila J, Helander N, Vuori V, Okkonen J. 2016. Sosiaalinen media brändi- ja asiakastiedon lähteenä. Tuomi P, Toimittaja. teoksessa *TiedeAreena 2016*. Pori: Tampereen teknillinen yliopisto, Porin laitos. Sivut 55-56.

Jussila J, Vuori V, Okkonen J, Helander N. 2017. Reliability and Perceived Value of Sentiment Analysis for Twitter Data. Kavoura A, Sakas D, Tomaras P, Toimittajat. teoksessa 5th International Conference on Strategic Innovative Marketing, At Athens, Greece,,: September 23-26, 2016. Springer. Sivut 43-48. (Springer Proceedings in Business and Economics). [https://doi.org/10.1007/978-3-319-56288-9\\_7](https://doi.org/10.1007/978-3-319-56288-9_7)

Jussila J, Boedeker M, Jalonen H, Helander N. 2017. Social Media Analytics Empowering Customer Experience Insight. Kavoura A, Sakas D, Tomaras P, Toimittajat. teoksessa 5th International Conference on Strategic Innovative Marketing, Volume: 5: September 23-26, 2016 At Athens, Greece. Springer. Sivut 25-30. (Springer Proceedings in Business and Economics).

Jussila J, Boedeker M, Jalonen H, Helander N. 2016. Social media analytics empowering marketing insight- A framework for analyzing affective experiences from social media content. Julkaisun esittämispaiikka: EMAC 2016, Oslo, Norja.

Jussila JJ, Mustafee N, Aramo-Immonen H, Menon K, Hajikhani A, Helander N. 2017. A bibliometric study on authorship trends and research themes in knowledge management literature. teoksessa 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. St. Petersburg, Russia. Sivut 389-397.

Jussila J, Menon K, Gupta J, Kärkkäinen H. 2017. Who is who in Big Social Data? A Bibliographic Network Analysis Study . teoksessa Proceedings of the 4th European Conference on Social Media ECSM 2017. Reading, UK: Academic Conferences and Publishing International Limited. Sivut 161-169.

Jussila J, Kukkamäki J, Helander N. 2019. Co-creating digital services for citizens: Activity theory analysis. Bernardino J, Salgado A, Filipe J, Toimittajat. teoksessa IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management. SCITEPRESS. Sivut 285-290. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management). <https://doi.org/10.5220/0008349002850290>

Juuti P, Rajala R. 2017. Sata vuotta Suomen suurimmasta lavantautiepidemiasta. *Vesitalous*. 2017(1):12-14.

Juuti P, Rajala R. 2017. Valkea kaupunki, mustat vedet. *Vesitalous*. 2017(1):15-17.

Juuti T, Kopra MJ, Rättyä K, Lehtonen T. 2016. How to benefit from learning logs in engineering education?. teoksessa 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.

Juuti P. 2017. Vesi, ongelma ennen ja nyt?. *Ympäristöhistoria: Finnish Journal of Environmental History*. 2017(1):54-65.

Juuti PS, Kurki V, Rajala R. 2017. Local narratives in the long term water conflicts: Case of Turku Region in Finland. *Ympäristöhistoria: Finnish Journal of Environmental History*. 2017(1):39-49.

Juuti PS. 2017. Editorial: Information to support decision-making. *Ympäristöhistoria: Finnish Journal of Environmental History*. 2017(1):5-6.

Juuti P, Katko TS, Rajala R. 2017. Sata vuotta vesihuoltoa Suomessa. *Vesitalous*. 58(6):13-15.

Juuti T, Pakkanen J, Lehtonen T. 2019. Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry. teoksessa 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. Sivut 2981-2990. (Proceedings of the Design Society: International Conference on Engineering Design ). <https://doi.org/10.1017/dsi.2019.305>

Jylhä T, Vuolle M, Nenonen S, Virtaneva M. 2015. Towards Business Potential of Workplace Services in Finland. teoksessa 8th Nordic Conference on Construction Economics and Organization: May 28-29 2015, Tampere, Finland. Elsevier. Sivut 518-523. (Procedia Economics and Finance). [https://doi.org/10.1016/S2212-5671\(15\)00207-5](https://doi.org/10.1016/S2212-5671(15)00207-5)

Kaarakka T 2015. Fractional Ornstein-Uhlenbeck Processes. Tampere University of Technology. 102 Sivumäärä (Tampere University of Technology. Publication).

Kaarakka TE, Ali-Löytty S, Huhtanen M. 2018. Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa. FMSEJA Journal . 2(1):67-77.

Kähkönen K, Huovinen P, Keinänen M, Toimittaja 2015. CEO 2015: Proceedings of the 8th Nordic Conference on Construction Economics and Organization. Tampere University of Technology. Department of Civil Engineering. 40 Sivumäärä (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report).

Kähkönen K, Huovinen P, Keinänen M. 2015. Editorial. Procedia Economics and Finance. 21:1-5.

Kähkönen K, Toimittaja. 2015. 8th Nordic Conference on Construction Economics and Organization. Procedia Economics and Finance. 21.

Kähkönen K, Keinänen M, Toimittaja 2016. Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities. Tampere University of Technology. Department of Civil Engineering. 917 Sivumäärä (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics. Report).

Kähkönen K, Brandt J. 2017. Quality evaluation on of contractor's schedule for building renovation. Ciribini A, Alaimo G, Capone P, Daniotti B, Dell'Osso G, Nicoletta M, Toimittajat. teoksessa Re-shaping the construction industry. ISTeA Italian Society of Science, Technology and Engineering of Architecture; Maggioli Editore. Sivut 175-184.

Kahle H, Penttinen JP, Phung HM, Rajala P, Tukiainen A, Ranta S, Guina M. 2019. MECSELS with direct emission in the 760 nm to 810 nm spectral range: A single- and double-side pumping comparison and high-power continuous-wave operation. Keller U, Toimittaja. teoksessa Vertical External Cavity Surface Emitting Lasers (VECSELS) IX. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2512111>

Kahle H, Phung H-M, Penttinen J-P, Rajala P, Tukiainen A, Ranta S, Guina M. 2019. Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region. teoksessa 2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings. IEEE. <https://doi.org/10.23919/CLEO.2019.8749958>

Kallonen A, Nieminen H, Das S, Sallinen R. 2018. Comparison of food frequency questionnaire data and shopping records for the assessment of food intake. teoksessa Proceedings of Seventh International Conference on Well-Being in the Information Society: Fighting Inequalities (WIS 2018). Sivut 25-30. (TUCS Lecture Notes).

Kanerva M, Besharat Z, Pärnänen T, Jokinen J, Honkanen M, Sarlin E, Göthelid M, Schlenzka D. 2019. Automatization and stress analysis data of CoCr laser weld fatigue tests. Data in Brief. 26. <https://doi.org/10.1016/j.dib.2019.104374>

Kangas J, Lunden O-P. 2016. Strengthening student engagement by integrating the contents of a flipped course around a well-confined real life theme. teoksessa SEFI 2016 Annual Conference Proceedings: Engineering Education on Top of the World: Industry University Cooperation.

Kangas J, Poutanen J. 2018. Underpinning Interrelated Factors of Physical, Virtual, and Social Learning Environments. teoksessa ICERI2018 Proceedings. Sivut 8087-8096. (ICERI proceedings). <https://doi.org/10.21125/iceri.2018.0459>

Kankkunen T, Kero P. 2015. Hometalolle suoritettavat toimenpiteet ja niiden valinta - case-esimerkki. Vinha J, Ruuska T, Toimittajat. teoksessa Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 265-270.

Kantola E, Leinonen T, Ranta S, Tavast M, Penttinen J-P, Guina M. 2015. 1180nm VECSEL with 50 W output power. teoksessa Proceedings of SPIE - The International Society for Optical Engineering. SPIE. <https://doi.org/10.1117/12.2079480>

Kantola E, Leinonen T, Penttinen J-P, Tavast M, Ranta S, Guina M. 2015. 50 W VECSEL emitting at 1180 nm. teoksessa 2015 Conference on Lasers and Electro-Optics Europe - European Quantum Electronics Conference, 21.-25.6. Munich, Germany: CB\_3\_1. OSA.

Kantola E, Leinonen T, Ranta S, Tavast M, Guina M. 2013. High-efficiency yellow VECSEL with 20 W output power. teoksessa Optics Days 2013, Helsinki, Finland: Oral presentation in Optics Days 2013, Helsinki, Finland.

Kantola E, Penttinen J-P, Leinonen T, Ranta S, Guina M. 2018. Frequency-doubled VECSEL employing a Volume Bragg Grating for linewidth narrowing. teoksessa CLEO: Applications and Technology, CLEO\_AT 2018. OSA - The Optical Society. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.17](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.17)

Kantola E, Leinonen T, Rantamäki A, Guina M, Sirbu A, Iakovlev V. 2018. Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W. teoksessa CLEO: Applications and Technology, CLEO\_AT 2018. OSA - The Optical Society. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.10](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.10)

Karhu M, Lagerbom J, Kivikytö-Reponen P, Ismailov A, Levänen E. 2017. Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering. Journal of Ceramic Science and Technology. 8(1):101-112. <https://doi.org/10.4416/JCST2016-00094>

Karimi N, Kunwar P, Toivonen J. 2015. Direct Laser Writing of Fluorescent Silver Nanoclusters in Polyvinyl Alcohol Films. teoksessa Frontiers in Optics 2015: Proceedings. <https://doi.org/10.1364/FIO.2015.FTu5E.4>

Karimi N, Alberucci A, Virkki M, Priimägi A, Kauranen M, Assanto G. 2016. Quenching nematicon fluctuations via photo-stabilization. Photonics Letters of Poland. 8(1):2-4. <https://doi.org/10.4302/plp.2016.1.02>

Karioja P, Alajoki T, Cherchi M, Ollila J, Harjanne M, Heinilehto N, Suomalainen S, Viheriälä J, Zia N, Guina M, Buczyński R, Kasztelaniec R, Kujawa I, Salo T, Virtanen S, Kluczynski P, Sagberg H, Ratajczyk M, Kalinowski P. 2017. Multi-wavelength mid-IR light source for gas sensing. teoksessa Proc. SPIE 10110: Photonic Instrumentation Engineering IV. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2249126>

Karioja P, Alajoki T, Cherchi M, Ollila J, Harjanne M, Heinilehto N, Suomalainen S, Zia N, Tuorila H, Viheriälä J, Guina M, Buczyński R, Kasztelaniec R, Salo T, Virtanen S, Kluczynski P, Borgen L, Ratajczyk M, Kalinowski P. 2018. Integrated multi-wavelength mid-IR light source for gas sensing. teoksessa Next-Generation Spectroscopic Technologies XI. SPIE, IEEE. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2305712>

Karjalainen P. 2015. Muuttuvat ajotilanteet aiheuttavat uudentyyppisiä ajoneuvojen hiukkaspäästöjä. Ympäristö ja terveys . 46(6):28-31.

Karjalainen P, Timonen H, Saukko E, Kuuluvainen H, Saarikoski S, Aakko-Saksa P, Murtonen T, Dal Maso M, Ahlberg E, Svenningsson B, Brune WH, Hillamo R, Keskinen J, Rönkkö T. 2015. Time-resolved characterization of primary and secondary particle emissions of a modern gasoline passenger car. Atmospheric Chemistry and Physics Discussions. 15(22):33253-33282. <https://doi.org/10.5194/acpd-15-33253-2015>

Karjalainen M, Roine A, Oksala N, Lekkala J. 2015. Some aspects of molecular physics in measuring tissue samples using enose for disease diagnostics. teoksessa XXI IMEKO World Congress "Measurement in Research and Industry". IMEKO-International Measurement Federation Secretariat.

Kärkkäinen H, Jussila J, Erkinheimo P. 2015. The New Era of Crowdsourcing — Industrial Crowdsourcing. Salmelin B, Toimittaja. teoksessa Open Innovation Yearbook 2015. Brussel: European Commission. Sivut 25-31. <https://doi.org/10.2759/92658>

Kärkkäinen H, Silventoinen A. 2016. Different approaches of the PLM maturity concept and their use domains –analysis of the state of the art. teoksessa 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. Sivut 89-102. (IFIP Advances in Information and Communication Technology). [https://doi.org/10.1007/978-3-319-33111-9\\_9](https://doi.org/10.1007/978-3-319-33111-9_9)

Kart U, Kämäräinen JK, Fan L, Gabbouj M. 2018. Evaluation of visual object trackers on equirectangular panorama. teoksessa VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications . SCITEPRESS. Sivut 25-32. <https://doi.org/10.5220/0006526200250032>

Katko TS, Lukka A, Rajala R. 2015. Tampereelta valmistuneiden vesihuoltoalan diplomi-insinöörien sijoittuminen ja odotukset yliopisto-opetukselle. Vesitalous. (2):45-47.

Katko TS, Hukka JJ. 2015. Social and Economic Importance of Water Services in the Built Environment: Need for More Structured Thinking. Procedia Economics and Finance. 21:217-223. [https://doi.org/10.1016/S2212-5671\(15\)00170-7](https://doi.org/10.1016/S2212-5671(15)00170-7)

Katko TS, Hukka JJ. 2016. Institutional development is the key for sustainable water services in the built environment. Nenonen S, Junnonen J-M, Toimittajat. teoksessa Proceedings of the CIB World Building Congress 2016: Volume IV - Understanding impacts and functioning of different solutions. Tampere: Tampere University of Technology. Department of Civil Engineering. Sivut 419-430.

Katko TS, Juuti P, Pietilä P, Rajala R. 2015. Water services heritage and institutional diversity. Willems W, van Schaik H, Toimittajat. teoksessa Water and Heritage: material, conceptual and spiritual connections. Sidestone Press.

Katko TS. 2015. Kohti tasapuolisempaa tutkimuksen arviointia: Pääkirjoitus. Ympäristöhistoria: Finnish Journal of Environmental History. 5(1):4-5.

Katko TS. 2017. Suomen vesihuollon kehitys ja opit kansainvälisessä kontekstissa. Vesitalous. 58(1):8-11.

Katkovnik V, Shevkunov I, Petrov NV, Egiazarian K. 2017. Computational wavelength resolution for in-line lensless holography: Phase-coded diffraction patterns and wavefront group-sparsity. teoksessa Digital Optical Technologies 2017. SPIE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2269327>

Katkovnik V, Shevkunov I, Petrov NV, Eguiazarian K. 2018. Multiwavelength surface contouring from phase-coded diffraction patterns. teoksessa Unconventional Optical Imaging 2018. Strasbourg, France. SPIE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2306127>

Kauppila P, Kouhia R, Ojanperä J, Saksala T, Sorjonen T. 2016. A continuum damage model for creep fracture and fatigue analyses. teoksessa 21st European Conference on Fracture, ECF21, 20-24 June 2016, Catania, Italy. Sivut 887–894. (Procedia Structural Integrity). <https://doi.org/10.1016/j.prostr.2016.06.114>

Kauppinen A, Kiviste M, Pirhonen J, Vinha J. 2017. Paine-erot Pirkanmaan ja Helsingin julkisissa palvelurakennuksissa. Vinha J, Kivioja H, Toimittajat. teoksessa Rakennusfysiikka 2017. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. Sivut 215-221. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.)

Kauranen M, Czaplicki R, Mäkitalo J, Lehtolahti J, Koskinen K, Laukkanen J, Kuittinen M. 2015. Enhancement mechanisms for second-harmonic generation from metal nanostructures. teoksessa PROCEEDINGS OF SPIE: Ultrafast Phenomena and Nanophotonics XX.

Keinänen M, Uotila U, Sorri J, Teriö O, Kähkönen K. 2016. Consensus building in the pre-design phase of building projects. Prins M, Wamelink H, Giddings B, Ku K, Feenstra M, Toimittajat. teoksessa WBC16 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. Sivut 561-572. (Tampere University of Technology. Department of Civil Engineering. Construction Management and Economics.).

Keinänen M, Kähkönen K. 2018. Core Project Team As a Management Entity for Construction Projects. In\_bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management. 9(13):208-217.

Kekonen A, Bergelin M, Eriksson J-E, Ylänen H, Kielosto S, Viik J. 2016. Bioimpedance measurement system for evaluation of the status of wound healing. teoksessa 2016 15th Biennial Baltic Electronics Conference (BEC) . IEEE. Sivut 175-178. <https://doi.org/10.1109/BEC.2016.7743757>

Kekonen A, Bergelin M, Viik J. 2018. Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan. HAAVA. 20(3):30-32.

Kekonen A, Bergelin M, Eriksson J-E, Vesa M, Johansson M, Viik J. 2018. Long-term monitoring of acute wound healing from beneath the primary wound dressings. teoksessa 2018 16th Biennial Baltic Electronics Conference (BEC). IEEE. <https://doi.org/10.1109/BEC.2018.8600956>

Kelo T, Eronen J. 2017. Experiences from development of security audit criteria. teoksessa Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017. TAPPI Press; Curran Associates, Inc. Sivut 208-215.

Kelo T, Eronen J, Rousku K. 2018. Model for efficient development of security audit criteria. teoksessa Proceedings of the 17th European Conference on Cyber Warfare and Security, ECCWS 2018. Curran Associates. Sivut 244-252.

Kerminen R, Wang C, Visa A. 2015. Analysis on bus travel time through traffic light intersection. teoksessa ITS World Congress 2015 Proceedings: Towards Intelligent Mobility – Better Use of Space.

Kerst T, Toivonen J. 2018. Alpha radiation induced luminescence in solar blind spectral region. teoksessa CLEO: Applications and Technology, CLEO\_AT 2018. OSA - The Optical Society. [https://doi.org/10.1364/CLEO\\_AT.2018.ATH4O.8](https://doi.org/10.1364/CLEO_AT.2018.ATH4O.8)

Ketola S, Sipilä E, Pajarre E, Takala J. 2016. New introductory courses and teacher tutoring: Keys to an efficient beginning for university studies in engineering. teoksessa SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation.

Ketonen-Oksi S. 2016. Adapting service-based working culture as the key driver for organisational creativity and innovation. teoksessa 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.

Ketonen-Oksi S. 2017. Reinventing organisational creativity and innovation through adapting a service-based working culture. Schiuma G, Lerro A, Toimittajat. teoksessa Integrating arts and creativity into business practice. IGI Global. Sivut 1-20. <https://doi.org/10.4018/978-1-5225-2050-4>

Ketonen-Oksi S. 2016. Re-inventing organizational creativity and innovation through adopting a service-based working culture. teoksessa Integrating Art and Creativity into Business Practice. IGI Global. Sivut 1-20. <https://doi.org/10.4018/978-1-5225-2050-4.ch001>

Ketonen-Oksi S, Jalonen H. 2017. Advocate, jester, spokesperson, provocateur and boundary spanner? Exploring different communication styles at twitter. teoksessa 12th Conference proceedings of IFKAD2017: St.Petersburg, Russia, 7-9 June 2017. (Proceedings IFKAD).



Khan W, Björninen T, Ukkonen L, Sydänheimo L. 2015. Two-turns antenna and magnetic materials for effective powering of mm-size implant in wireless brain-machine interface system. teoksessa 2015 IEEE MTT-S 2015 International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-BIO). IEEE. Sivut 103-104. <https://doi.org/10.1109/IMWS-BIO.2015.7303798>

Khan MWA, Björninen T, Sydänheimo L, Ukkonen L. 2017. Wirelessly powered implantable system for wireless long-term monitoring of intracranial pressure. teoksessa Proceedings of IEEE 2017 International Workshop on Antenna Technology. IEEE. Sivut 122-124. <https://doi.org/10.1109/IWAT.2017.7915334>

Khorramdel B, Kraft TM, Mäntysalo M. 2017. Inkjet printed metallic micropillars for bare die flip-chip bonding. Flexible and Printed Electronics. 2(4):045005. <https://doi.org/10.1088/2058-8585/aa9171>

Khosravi M, Kähkönen K. 2015. Management and Planning Under Complexities of Metro Construction. Procedia Economics and Finance. 21:415-421. [https://doi.org/10.1016/S2212-5671\(15\)00194-X](https://doi.org/10.1016/S2212-5671(15)00194-X)

Kiilakoski J, Lukac F, Koivuluoto H, Vuoristo P. 2017. Cavitation wear characteristics of Al<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub>-ceramic coatings deposited by APS and HVOF -processes. teoksessa International Thermal Spray Conference ITSC 2017, Conference Proceedings: June 7-9, 2017, Düsseldorf, Germany.. Düsseldorf: DVS Media GmbH. Sivut 928-933. (DVS-Berichte / DVS - Deutscher Verband für Schweißen und Verwandte Verfahren e.V.).

Kiili K. 2017. From theories to game mechanics: Developing a game for training rational numbers. teoksessa Proceedings of the 11th European Conference on Games Based Learning, ECGBL 2017. Academic Conferences and Publishing International Limited. Sivut 328-334.

Kiili K, Ojansuu K, Lindstedt A, Ninaus M. 2017. Rational Number Knowledge Assessment and Training With a Game Competition. teoksessa Proceedings of The 11th European Conference on Game-Based Learning ECGBL 2017. Academic Conferences and Publishing International Limited. Sivut 320-327.

Kirjavainen J, Mäkinen S, Sommarberg M. 2018. The Effects of Product Line Length on Firm Performance. teoksessa 2018 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE. <https://doi.org/10.23919/PICMET.2018.8481780>

Kivimäki J, Suntio T. 2015. Appearance of a Drift Problem in Variable-step Perturbative MPPT Algorithms. teoksessa 31st European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC). Sivut 1602-1608. <https://doi.org/10.4229/EUPVSEC20152015-5AO.9.2>

Knyazev S, Tarakanov S, Kuznetsov V, Porozov Y, Koucheryavy Y, Stepanov E. 2015. Coarse-grained model of protein interaction for bio-inspired nano-communication. teoksessa 2014 6th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT). Sivut 260-262. <https://doi.org/10.1109/ICUMT.2014.7002112>

Kocsis P, Shevkunov I, Katkovnik V, Egiazarian K. 2019. Single exposure lensless subpixel phase imaging. Kress BC, Schelkens P, Toimittajat. teoksessa Digital Optical Technologies 2019. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2525679>

Koivisto AJ, Jensen ACØ, Levin M, Kling KI, Maso MD, Nielsen SH, Jensen KA, Koponen IK. 2015. Testing the near field/far field model performance for prediction of particulate matter emissions in a paint factory. Environmental Sciences: Processes and Impacts. 17(1):62-73. <https://doi.org/10.1039/c4em00532e>

Koivisto K, Forsman J, Ronkainen M, Lahtinen P, Kolisoja P, Kuula P. 2016. Commercialising reclaimed materials in earthworks – guidelines for productization and the process of appending these materials in the Finnish national code of practice. teoksessa Proceedings of the 17th Nordic Geotechnical Meeting Reykjavik Iceland: Challenges in Nordic Geotechnic 25th - 28th of May. Reykjavik: Icelandic Geotechnical Society.

Kokkinis E, Drossos K, Tatlas N-A, Floros A, Tsilfidis A, Agavanakis K. 2012. Smart microphone sensor system platform. teoksessa Audio Engineering Society Convention 132. AES Audio Engineering Society.

Köliö A, Lahdensivu J, Pentti M. 2015. Active corrosion phase as a service life extension of concrete facades. teoksessa Proceedings of the Eurocorr 2015, European corrosion congress. Austrian Society for Metallurgy and Materials (ASMET); EFC; DECHEMA.

Köliö A, Hohti H, Pakkala T, Laukkarinen A, Lahdensivu J, Mattila J. 2015. Raudoitteiden korroosionopeuden määrittäminen betonijulkisivussa korkean aikaresoluution säädätin avulla. teoksessa Rakennusfysiikka 2015. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere.. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 195-202. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Köliö A, Lahdensivu J, Pentti M. 2016. Reinforcement Corrosion Modelling in Renovation Strategy for Concrete Facades. teoksessa Proceedings of the CIB World Building Congress 2016: Volume III - Building Up Business Operations and Their Logic. Shaping Materials and Technologies. Tampere University of Technology. Department of Civil Engineering. Sivut 199-211.

Kolisoja P, Kalliainen A, Vuorimies N. 2015. New mechanistic design approach for subgrade rutting of Low Volume Roads . teoksessa XVI ECSMGE 2015, 13-17 September 2015 - Edinburgh: Geotechnical engineering for infrastructure and development. Sivut 301-306.

Kolu A, Rajapolvi K, Hyvönen M, Multanen P, Huhtala K. 2015. Low-cost 3D lidar for the mapping of autonomous mobile work machine. teoksessa Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power, SICFP15. May 20-22, 2015. Tampere, Finland.

Komar M. 2015. Performance comparison of selected wired and wireless networks on chip architectures. teoksessa 2015 17TH Conference of Open Innovations Association (FRUCT). Sivut 68-74. (Conference of Open Innovations Association (FRUCT)). <https://doi.org/10.1109/FRUCT.2015.7117974>

Komar M, Edelev S, Koucheryavy Y. 2016. Handheld wireless authentication key and secure documents storage for the Internet of Everything. teoksessa 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. Sivut 120-130. <https://doi.org/10.1109/FRUCT-ISPIT.2016.7561517>

Konttinen J, Kramb J, DeMartini N, Gomez-Barea A. 2017. The role of inorganics in modelling of biomass gasification. Ek L, Ernrooth H, Scarlat N, Grassi A, Helm P, Toimittajat. teoksessa EUBCE 2017 Online Conference Proceedings. ETA-Florence Renewable Energies. Sivut 443-447. (European biomass conference and exhibition proceedings). <https://doi.org/10.5071/25thEUBCE2017-2BO.6.4>

Koponen O-P. 2015. Postmodernismi Suomen rakennusperinnössä. Arkkitehti. 2015(2/2015):72-74.

Koponen O-P. 2015. Kangasala-talo: Vanhan kulttuuripitäjän uusi kulttuuritalo. Arkkitehti. 2015(4/2015):67-69.

Koponen O-P. 2015. Tammerkoski ja Hämeenkatu Tampereen arkkitehtonisen identiteetin ankkureina. Hautamäki R, Toimittaja. teoksessa Tampereen tarina: Teollisuuden synnyttämä kaupunki harjujen ja järvien solmukohtassa. Kaupunkiympäristön kehittäminen: Tampereen kaupunki. Sivut 35-42. (Tampereen kaupunki/Kaupunkiympäristön kehittäminen).

Koponen O-P. 2015. Meeting of Vernacular and Modern Architecture in Urbino: Giancarlo De Carlo and reading of the context. Mattila M, Toimittaja. teoksessa Italian Vernadoc 2015 – Amandola: Studying Italia and its architecture. The first 10 VERNADOC-years. Helsinki: Suomen ICOMOS, kansanrakentamisen komitea. Sivut 26-29.

Koponen P, Hanninen S, Mutanen A, Koskela J, Rautiainen A, Järventausta P, Niska H, Kolehmainen M, Koivisto H. 2018. Improved modelling of electric loads for enabling demand response by applying physical and data-driven models: Project Response. teoksessa 2018 IEEE International Energy Conference, ENERGYCON 2018. IEEE. Sivut 1-6. <https://doi.org/10.1109/ENERGYCON.2018.8398794>

Kopra M-J, Halonen N, Järvenpää E, Lanz M. 2015. Increasing Employee Involvement in Socially Sustainable Manufacturing: Two Methods for Capturing Employees' Tacit Knowledge to Improve Manufacturing Processes. teoksessa 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. Sivut 539-546. (IFIP Advances in Information and Communication Technology). [https://doi.org/10.1007/978-3-319-22759-7\\_62](https://doi.org/10.1007/978-3-319-22759-7_62)

Korpela T, Kumpulainen P, Majanne Y, Häyriäinen A. 2015. Savukaasun NOx-päästöjen epäsuora monitorointi maakaasukäyttöisissä polttolaitoksissa. Jämsä-Jounela S-L, Toimittaja. teoksessa Automaatio XXI seminaari. Suomen Automaatioseura. Sivut 1-6. (SAS julkaisusarja; 44).

Korpijärvi V-M, Kantola EL, Leinonen T, Guina M. 2015. Monolithic GaInNAsSb/GaAs VECSEL emitting at 1550 nm. teoksessa SPIE conference proceedings. SPIE. <https://doi.org/10.1117/12.2077517>

Korpijärvi V-M, Viheriälä J, Aho A, Guina M. 2015. Single-mode 1180 nm GaInNAs/GaAs DBR laser diode for frequency doubling to 590 nm: paper CB\_11\_4. teoksessa 2015 European Conference on Lasers and Electro-Optics - European Quantum Electronics Conference. OSA.

Koskinen JA. 2015. E-learning of ethics, awareness, hacking and research by information security majors. teoksessa Proceedings of SEFI Annual Conferences. European Society for Engineering Education SEFI.

Koskinen K, Scherbak S, Chervinskii S, Lipovskii A, Kauranen M. 2018. Non-resonant enhancement of second-harmonic generation from metal nanoislands coated with dielectric layers. teoksessa CLEO: QELS\_Fundamental Science 2018. OSA. [https://doi.org/10.1364/CLEO\\_AT.2018.JTu2A.134](https://doi.org/10.1364/CLEO_AT.2018.JTu2A.134)

Kostiainen E, Nenonen S. 2016. Perspective of Social Usability in the Change Processes of an Academic Workplace. teoksessa 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. Sivut 688-701.

Kotilainen S, Hedman M, Heikkinen J, Toimittaja 2015. Joustavat asuinympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen. Tampere: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. 268 Sivumäärä (Housing Design).

Kotilainen S. 2015. Matkalla joustaviin asuinympäristöihin. teoksessa Joustavat asuinympäristöt: 10 visiota aikaa kestävään kaupunkiasumiseen. Tampere: Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. Sivut 10-13. (Housing Design).

Kouhia R, Holopainen S, Ottosen NS, Matti R, Saksala T. 2016. A unified lcf-hcf model based on continuum mechanics. Julkaisun esittämipaikka: Nordic Seminar on Computational Mechanics, .

Kovalainen V, Kylliäinen M. 2015. Menetelmä parvekelasien ääneneristävyyden mitoittamiseksi liikennemelualueilla. teoksessa Rakennusfysiikka 2015. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 617-622.

Kozhemiakina N, Lukin V, Ponomarenko N, Akulynichev A, Astola J, Egiazarian K. 2015. Method of data compression for traffic monitoring. teoksessa 2015 2nd International Scientific-Practical Conference Problems of Infocommunications Science and Technology, PIC S and T 2015 - Conference Proceedings. IEEE. Sivut 153-156. <https://doi.org/10.1109/INFOCOMMST.2015.7357299>

Kraft T, Cristoferi C, Trigaud T, Nunzi J-M, Ratier B. 2014. The Parallel Diode and Trap Behaviour of Ternary Polymer Solar Cells. teoksessa EU PVSEC Proceedings. EU PVSEC.

Kraft T, Berger P, Lupo D. 2017. Printed and organic diodes: devices, circuits and applications. Flexible and Printed Electronics. 2(3). <https://doi.org/10.1088/2058-8585/aa8ac3>

Kriesi C, Steinert M, Aalto-Setälä L, Anvik A, Balters S, Baracchi A, Jensen BM, Bjorkli LE, Buzzaccaro N, Cortesi D, D'Onghia F, Dosi C, Franchini G, Fuchs M, Gerstenberg A, Hansen E, Hiekkänen KM, Hyde D, Ituarte I, Kalasniemi J, Kurikka J, Lanza I, Laurila A, Lee TH, Lonvik S, Mansikka-Aho A, Nordberg M, Oinonen P, Pedrelli L, Pekuri A, Rane E, Reime T, Repokari L, Ronningen M, Rowlands S, Sjoman H, Slattsveen K, Strachan A, Stromstad K, Suren S, Tapio P, Utriainen T, Vignoli M, Vijaykumar S, Welo T, Wulvik A. 2015. Distributed Experiments in Design Sciences, a Next Step in Design Observation Studies?. Weber C, Husung S, Cantamessa M, Cascini G, Marjanovic D, Venkataraman S, Toimittajat. teoksessa DS 80-2 Proceedings of the 20th International Conference on Engineering Design (ICED 15) Vol 2: Design Theory and Research Methodology Design Processes. DESIGN SOC. (International Conference on Engineering Design).

Krogerus T, Hyvönen M, Backas J, Huhtala K. 2015. Anomaly Detection and Diagnostics of a Wheel Loader Using Dynamic Mathematical Model and Joint Probability Distributions. teoksessa 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. (The Scandinavian International Conference on Fluid Power).

Kulmala A, Repo S. 2016. Handling exceptional situations in a distribution network congestion management algorithm. teoksessa CIREC Workshop 2016. Helsinki, Finland. <https://doi.org/10.1049/cp.2016.0663>

Kumpulainen L, Kauhaniemi K, Repo S, Valkealahti S, Honkapuro S, Partanen J, Koivisto-Rasmussen R, Järventausta P. 2016. Roadmap towards the vision of the future power system and electricity market. teoksessa CIREC Workshop 2016. Institution of Engineering and Technology. <https://doi.org/10.1049/cp.2016.0690>

Kunwar P, Hassinen J, Bautista G, Ras RHA, Toivonen J. 2015. Fabrication of Fluorescent Silver Nanoclusters-based Micro-Label in Polymers. teoksessa The European Conference on Lasers and Electro-Optics 2015. OSA. (European Conference on Lasers and Electro-Optics Europe and International Quantum Electronics Conference).

Kurki V, Sidaraviciute R, Sörensen J, Kibocha SN, Retike I, Ikobe G, Tichonovas M, Elijosiute E, Rajala R. 2015. Importance and challenges of sharing experiences among an international and interdisciplinary group of doctoral students . Ympäristöhistoria: Finnish Journal of Environmental History. (1/2015):45-51.

Kurki V. 2016. Negotiating water governance: towards cooperation in contentious groundwater recharge projects. teoksessa Proceedings of the CIB World Building Congress 2016: Volume I - Creating built environments of new opportunities. Tampere University of Technology. Department of Civil Engineering. Sivut 91-102.

Kurvinen A, Sorri J. 2016. Bus Transportation Accessibility - Does It Impact Housing Values?. Nenonen S, Junnonen J-M, Toimittajat. teoksessa Proceedings of the CIB World Building Congress 2016: Understanding impacts and functioning of different solutions. Tampere: Tampere University of Technology. Department of Civil Engineering. Sivut 321-331.

Kuula PH, Leppänen MM, Penttilä ME. 2016. Towards better learning by increased student engagement. Niemi T, Järvinen H-M, Toimittajat. teoksessa Proceedings of the 44th SEFI Annual Conference 2016: 12th-15th September 2016, Tampere, Finland. Tampere: European Society for Engineering Education SEFI.

Kuula P, Leppänen M, Kolisoja P, Korkiala-Tanttu L, Sorvari J, Gustavsson H. 2018. Education on the utilization of secondary materials in earthworks. Lahtinen P, Raasakka V, Toimittajat. teoksessa 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. RIL - Finnish Association of Civil Engineers. Sivut 177-187.

Kuuliala L, Pippuri T, Hultman J, Auvinen S-M, Kolppo K, Nieminen T, Karp M, Björkroth J, Kuusipalo J, Jääskeläinen E. 2015. Preparation and antimicrobial characterization of silver-containing packaging materials for meat. *Food Packaging and Shelf Life*. 6:53-60. <https://doi.org/10.1016/j.fpsl.2015.09.004>

Kuuluvainen H, Saari S, Mensah-Attipoe J, Pasanen P, Reponen T, Keskinen J. 2015. Triboelectric charging of fungal spores during resuspension and rebound. teoksessa EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Kuuluvainen H, Karjalainen P, Saukko E, Nousiainen P, Karhu T, Pirjola L, Keskinen J, Rönkkö T. 2015. Diesel engine exhaust particle measurements using a particle size magnifier (PSM). teoksessa EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Kuuluvainen H, Karjalainen P, Saukko E, Nilsson O, Sirviö K, Ovaska T, Niemi S, Keskinen J, Rönkkö T. 2015. Different types of non-volatile nanoparticles in off-road diesel engine exhaust. teoksessa EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Kuuluvainen H, Faxon C, Psychoudaki M, Thomson ES, Eriksson A, Kristensson A, Svenningsson B, Mellqvist J, Salo K, Hallquist M. 2015. Measurements of particulates and gas phase precursors emissions from fresh ship plumes during the Big Glenn 2014 Campaign. teoksessa EAC 2015, European Aerosol Conference, 6-11 September, 2015, Milan, Italy.

Kuusipalo J, Lahti J. 2017. Tampere University of Technology, laboratory of materials science, paper converting and packaging technology Tampere, Finland. teoksessa 16th TAPPI European PLACE Conference 2017: Basel; Switzerland; 22 May 2017 through 24 May 2017. TAPPI Press.

Kylliäinen M, Oliva D, Rekola L, Hongisto V. 2015. Asuinhuoneistojen betoniväli-pohjien askelääneneristyksen subjektiivinen ja objektiivinen arviointi. teoksessa Akustiikkapäivät 2015. Kuopio: Akustinen seura. Sivut 204-207. (Akustiikkapäivät).

Kylliäinen M, Takala J, Hongisto V. 2015. Ilmääneneristysluku sekä standardisoitu ja normalisoitu äänitasoeroluku huoneistojen välisen ilmääneneristävyuden kuvaajina. teoksessa Akustiikkapäivät 2015. Kuopio: Akustinen seura. Sivut 158-161. (Akustiikkapäivät).

Kylliäinen M, Niemi H, Jäppinen J, Lindqvist M. 2015. Engelin teatterin huoneakustiikan mallintaminen. teoksessa Akustiikkapäivät 2015. Akustinen seura. Sivut 145-150. (Akustiikkapäivät).

Kylliäinen M. 2015. Rakenteiden ääneneristyskyvystä asumismelun kokemiseen. teoksessa Rakentajain Kalenteri. Helsinki: Rakennustieto Oy. Sivut 92-96.

Kymäläinen T, Sahar F, Palviainen J. 2014. White Knights of the Smart City. Augusto JC, Zhang T, Toimittajat. teoksessa Workshop Proceedings of the 10th International Conference on Intelligent Environments. IOS Press. Sivut 223-234. (Ambient Intelligence and Smart Environments). <https://doi.org/10.3233/978-1-61499-411-4-223>

Laak M, Del Barrio Batista J, Toimittaja 2014. Kohti kestävää Skanssia. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. 87 Sivumäärä

Laak M, Del Barrio Batista J, Toimittaja 2014. Towards a sustainable Skanssi. Tampere University of Technology, School of Architecture. 87 Sivumäärä

Laak M, Toimittaja 2014. Orimattilan Henna. Tampereen teknillinen yliopisto. Arkkitehtuurin laitos. 89 Sivumäärä

Laamanen A, Huhtala K, Toimittaja 2015. The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15: Proceedings. Tampere University of Technology. Department of Intelligent Hydraulics and Automation. 835 Sivumäärä (Scandinavian International Conference on Fluid Power (SICFP)).

Laamanen A, Huhtala K, Toimittaja 2015. The Fourteenth Scandinavian International Conference on Fluid Power, SICFP15: Abstracts. Tampere University of Technology, Department of Intelligent Hydraulics and Automation. 100 Sivumäärä

Lahdelma I 2014. Lahdelma & Mahlamäki Architects: Works. Rakennustieto. 152 Sivumäärä

Lahti J. 2016. Nanoscale barrier coating on BOPP packaging film by ALD. teoksessa TAPPI PLACE Conference 2016: Exploring New Frontiers. TAPPI Press. Sivut 493-505.

Lahti J, Lavonen J, Lahtinen K, Johansson P, Seppänen T, Cameron DC. 2016. Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating. teoksessa TAPPI International Conference on Nanotechnology for Renewable Materials 2016. TAPPI Press. Sivut 684-706.

Lahti J, Kuusipalo J, Auvinen S. 2017. Novel equipment to simulate hot air heat sealability of packaging materials. teoksessa 16th TAPPI European PLACE Conference 2017. TAPPI Press. Sivut 237-248.

Lahti J, Kamppuri T, Kuusipalo J. 2017. Novel bio-based materials for active and intelligent packaging. teoksessa 16th TAPPI European PLACE Conference 2017. TAPPI Press.

Laihonen H, Sillanpää V, Vuolle M. 2017. Managing intellectual liabilities by service recovery. Schiuma G, Spender JC, Garvilova T, Toimittajat. teoksessa Proceedings IFKAD 2017, 12th International Forum on Knowledge Asset Dynamics: Knowledge Management in the 21st Century: Resilience, Creativity and Co-creation, 7-9 Jun 2017, St. Petersburg, Russia.. IKAM - Institute of Knowledge Asset Management. Sivut 1570-1583. (Proceedings IFKAD).

Laine T, Suomala P, Saukkonen N. 2015. Engaging facts and feelings in management accounting practices. teoksessa IFKAD 2015 : 10th International Forum on Knowledge Asset Dynamics, Bari, Italy, June 10th-12th. Italy: Institute of Knowledge Asset Management & Arts for Business Institute. (International forum on knowledge asset dynamics).

Laine K, Sipilä E, Anderson M, Sydänheimo L. 2016. Electronic Exam in Electronics Studies. teoksessa SEFI Annual Conference 2016: Engineering Education on Top of the World: Industry University Cooperation.

Laitinen J, Niemi A. 2015. Analysis of the aircraft operational reliability research series: From statistical models to avionics data monitoring. teoksessa Proceedings of the 9th World congress on engineering asset management (WCEAM 2014), Pretoria, South Africa 28-31 Oct, 2014.

Laitinen A, Santa-aho S, Lukinmaa H, Suominen L, Vippola M. 2017. Barkhausen noise Potcore sensor simulations with Comsol. teoksessa 12th International Conference on Barkhausen Noise and Micromagnetic Testing. ICBM. Sivut 97-107.

Lampio K, Karvinen R. 2015. A new method to calculate natural convection heat transfer from a non-isothermal fin array. Neshumayev D, Sunden B, Toimittajat. teoksessa Proceedings of the 7th Baltic Heat Transfer Conference, August 24-26 2015, Tallinn Estonia. Tallinn: Tallinn University of Technology. (Baltic Heat Transfer Conference BHTC).

Lampio K, Karvinen R. 2016. Multi-Objective Optimization of Fin Array Heat Sinks. teoksessa Thermnic 2016: 22nd international workshop Thermal investigations of ICs and Systems. IEEE.  
<https://doi.org/10.1109/THERMINIC.2016.7749070>

Länsivaara T. 2015. Varmuuden kohdentaminen geotekniikassa, miten Eurokoodeja voisi kehittää?. teoksessa Geotekniikan päivä 2015. SGY.

Lappalainen K, Valkealahti S. 2015. Recognition of shading events caused by moving clouds and determination of shadow velocity from solar radiation measurements. teoksessa 31st European Photovoltaic Solar Energy Conference and Exhibition (31st EU PVSEC), 14– 18 September, 2015, Hamburg, Germany . Sivut 1568-1573.  
<https://doi.org/10.4229/EUPVSEC20152015-5A0.7.5>

Lappalainen K, Valkealahti S. 2016. Mathematical Parametrisation of Irradiance Transitions Caused by Moving Clouds for PV System Analysis. teoksessa 32nd European Photovoltaic Solar Energy Conference and Exhibition (32nd EU PVSEC), 20–24 June, 2016, Munich, Germany . Sivut 1485-1489. <https://doi.org/10.4229/EUPVSEC20162016-5AO.8.4>

Latifi SK, Saketi P, Kallio P. 2015. Microrobotic system for multi-rate measurement of bio-based fibres Z-directional bond strength. *Journal of Micro-Bio Robotics*. 10(1):13-26. <https://doi.org/10.1007/s12213-015-0080-9>

Latvanne P, Kylliäinen M. 2015. Puuvälipohjien akustiset ominaisuudet. teoksessa *Rakennusfysiikka 2015*. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 567-572.

Laudyn UA, Kwaśny M, Jung PS, Trippenbach M, Assanto G, Karpierz MA. 2016. Linear and nonlinear light beam propagation in chiral nematic liquid crystal waveguides. *Photonics Letters of Poland*. 8(1):11-13. <https://doi.org/10.4302/plp.2016.1.05>

Laudyn UA, Kwaśny M, Karpierz MA, Assanto G. 2017. Three-color vector nematicon. *Photonics Letters of Poland*. 9(2):36-38. <https://doi.org/10.4302/plp.v9i2.718>

Laukkarinen T 2015. Abstracting Application Development for Resource Constrained Wireless Sensor Networks. Tampere: Tampere University of Technology. 104 Sivumäärä (Tampere University of Technology. Publication).

Laukkarinen A, Hilliäho K. 2015. Lasitetun parvekkeen lämpötilan ja lämpöhäviöiden laskenta. Vinha J, Ruuska T, Toimittajat. teoksessa *Rakennusfysiikka 2015*. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut. 20.-22.10.2015, Tampere. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 181-186. (Rakennustekniikan laitos. Rakennetekniikka. Seminaarijulkaisu; 4).

Laukkarinen A, Heiskanen R, Vinha J. 2017. Maanvastaisten seinien lämpö- ja kosteustekninen toiminta. Vinha J, Kivioja H, Toimittajat. teoksessa *Rakennusfysiikka 2017*. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. Sivut 71-76. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.)

Laukkarinen A, Musakka S, Penttilä O, Teriö O, Vinha J. 2017. Puukerrostalon työmaavaiheen lämpö- ja kosteusolosuhteiden mittaukset. Vinha J, Kivioja H, Toimittajat. teoksessa *Rakennusfysiikka 2017*. Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut: 24.-26.10.2017, Tampere. Tampere: Tampereen teknillinen yliopisto, Rakennustekniikka, Rakennusfysiikka. Sivut 167-172. (Tampereen teknillinen yliopisto. Rakennustekniikka. Rakennusfysiikka.)

Lau Sarmiento A, Bartholomeus H, Herold M, Martius C, Malhi Y, Patrick Bentley L, Shenkin A, Raunonen P. 2015. Application of terrestrial LiDAR and modelling of tree branching structure for plant- scaling models in tropical forest trees. teoksessa *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. Sivut 96-98.

Ledentsov NN, Shchukin VA, Lyytikäinen J, Okhotnikov O, Cherkashin NA, Shernyakov YM, Payusov AS, Gordeev NY, Maximov MV, Schlichting S, Nippert F, Hoffmann A. 2015. Green (In,Ga,Al)P-GaP light-emitting diodes grown on high-index GaAs surfaces. teoksessa *Proceedings of SPIE: Light-Emitting Diodes: Materials, Devices, and Applications for Solid State Lighting XIX*. SPIE. <https://doi.org/10.1117/12.2083953>

Lehtonen V, Länsivaara T. 2016. Back-calculation of the Saint-Alban A test embankment with a new modelling approach in LEM. teoksessa *Proceedings of the The 17th Nordic Geotechnical Meeting, Reykjavik Iceland: 25th - 28th of May 2016*. Sivut 691-699.

Lehtonen T, Juuti T, Vanhatalo M, Kopra MJ, Rättyä K. 2016. Leadership instead of grading - The new goals of assessment. teoksessa *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.

Lehtoranta K, Murtonen T, Vesala H, Koponen P, Alanen J, Simonen P, Rönkkö T, Timonen H, Saarikoski S, Maunula T, Kallinen K, Korhonen S. 2017. Natural Gas Engine Emission Reduction by Catalysts. *Emission Control Science and Technology*. 3(2):142-152. <https://doi.org/10.1007/s40825-016-0057-8>

Lehtovuori P. 2015. Uusia tuulia Euroopasta. teoksessa *Asukkaan ehdoilla: moninaisuutta asumamuotoihin*. Helsinki: Rakennustieto Oy. Sivut 42-59.

Leinonen T, Penttinen JP, Korpijärvi VM, Kantola E, Guina M. 2015. >8W GaInNAs VECSEL emitting at 615 nm. teoksessa *Proceedings of SPIE: Vertical External Cavity Surface Emitting Lasers (VECSELs) V*. SPIE. <https://doi.org/10.1117/12.2079162>

Leivo V, Turunen M, Aaltonen A, Kiviste M, Pekkonen M, Haverinen-Shaughnessy U. 2015. Rakennusten energiatehokkuuden parantamisen vaikutukset - Insulate-projektin tuloksia. teoksessa *Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20.-22-10.2015*, Tampere. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 369-380.

Leivo V, Kiviste M, Aaltonen A, Turunen M, Haverinen-Shaughnessy U. 2015. Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland. *Energy Procedia*. 78C:1218-1223. <https://doi.org/10.1016/j.egypro.2015.11.188>

Leivo V, Aaltonen A, Turunen M, Du L, Kiviste M, Haverinen-Shaughnessy U. 2016. Ventilation rates and CO2-levels before and after energy retrofit in Finnish apartment buildings. Kiviste M, Toimittaja. teoksessa *CLIMA 2016 - Proceedings of the 12th REHVA World Congress*. Aalborg. Aalborg University. Department of Civil Engineering. : Volume 1. Building Retrofit. Aalborg: Aalborg university, Department of Civil Engineering.

Leivo V, Sarlin E, Suonketo J, Pikkuvirta J, Pentti M. 2019. Muovipäällysteisten lattioiden vaurioituminen kosteuden vaikutuksesta. teoksessa *Sisäilmastoseminaari 2019: 14.3.2019 : Sisäilmayhdistys raportti 37*. SIY SISÄILMATIETO OY. Sivut 383-388. (SIY Raportti; 37).

Lenarduzzi V, Stan AC, Taibi D, Tosi D, Venters G. 2017. A dynamical quality model to continuously monitor software maintenance. teoksessa *Proceedings of the 11th European Conference on Information Systems Management, ECISM 2017*. Academic Conferences and Publishing International Limited. Sivut 168-178.

Lepistö T, Toimittaja 2014. *Life Beyond the Binary Code: Select Prose and Poetry*. Tampere University of Technology, Language Center. 79 Sivumäärä

Leppänen A, Välimäki E, Oksanen A. 2015. Simulation of ash-forming compounds in the kraft recovery boiler. teoksessa *10th European Conference on Industrial Furnaces and Boilers*. Porto, Portugal.

Leppänen M. 2014. Two patterns for minimizing human resources in a startup. teoksessa *VikingPLoP 2014 Proceedings of the 8th Nordic Conference on Pattern Languages of Programs (VikingPLoP)* . ACM. <https://doi.org/10.1145/2676680.2676686>

Leppänen A, Välimäki E. 2015. Improving Recovery Boiler Availability through Understanding Fume Behavior. teoksessa *TAPPI PEERS Conference Proceedings, October 25-28, 2015*. Atlanta, Georgia: TAPPI.

Leppänen M, Välisalo T, Laasonen J, Toimittaja. 2014. Liite 6: Yleistä kaivannaisjätealueista ja patoturvallisuudesta. teoksessa *Kaivosten stressitesti 2013*. Ympäristöministeriö. (Ympäristöministeriön raportteja).

Leppänen M, Sarkkila J, Hämäläinen H, Rinkinen J. 2018. Technical suitability of the fine fraction of municipal solid waste incineration bottom ash to the landfill capping liner. Raasakka V, Lahtinen P, Toimittajat. teoksessa *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*. RIL - Finnish Association of Civil Engineers. Sivut 168-175.



Li L, Ghazi A, Boutellier J, Anttila L, Valkama M, Bhattacharyya SS. 2017. Evolutionary multiobjective optimization for adaptive dataflow-based digital predistortion architectures. *EAI Endorsed Transactions on Cognitive Communications*. 17(10). <https://doi.org/10.4108/eai.23-2-2017.152187>

Lietzen J, Miettinen J, Kylliäinen M, Pajunen S. 2018. Measurements of impact force excitation on wooden floors. teoksessa *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, Crete, May 27-31, 2018. Hersonissos, Crete, Greece: European Acoustic Association EAA*. Sivut 1617-1622. (Proceedings : European Conference on Noise Control).

Lietzen J, Kylliäinen M. 2018. Finnish Round Robin Test on Airborne Sound Insulation. teoksessa *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*. Sivut 1677-1682. (European Congress and Exposition on Noise Control Engineering).

Lilja K. 2015. Jossakin vuoti öljy, muualla tihkuivat tiedot - etiikka katoavien rajojen ja suurten skandaalien aikakaudella. teoksessa *Silmät auki It-etiikkaan. EDUSKUNNAN TULEVAISUUSVALIOKUNTA*. Sivut 85-101. (Eduskunnan tulevaisuusvaliokunnan julkaisu; 12).

Linjama M, Siivonen L, Huova M. 2015. Numerically Efficient Flow Model for On/Off Valves. Scheidl R, Winkler B, Kogler H, Toimittajat. teoksessa *Proceedings of the Seventh Workshop on Digital Fluid Power*. Linz, Austria: LCM GmbH. Sivut 164-172.

Linjama M, Huova M, Pietola M, Juhala J, Huhtala K. 2015. Hydraulic Hybrid Actuator: Theoretical Aspects and Solution Alternatives. Laamanen A, Huhtala K, Uusi-Heikkilä J, Toimittajat. teoksessa *Proceedings of the Fourteenth Scandinavian International Conference on Fluid Power*. Tampere: Tampere University of Technology.

Linna M, Kannala J, Rahtu E. 2018. Real-time human pose estimation with convolutional neural networks. teoksessa *VISIGRAPP 2018 - Proceedings of the 13th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications*. SCITEPRESS. Sivut 335-342. <https://doi.org/10.5220/0006624403350342>

Lobov A. 2015. On service composition - dynamic formation and orchestration of service workflows. Strzelczak S, Balda P, Garetti M, Lobov A, Toimittajat. teoksessa *Open Knowledge-Driven Manufacturing and Logistics - The eScop Approach*. Warsaw University of Technology Publishing House. Sivut 311-319.

Lohan E-S, Kauppinen T, Debnath SBC. 2016. A Survey of People Movement Analytics Studies in the Context of Smart Cities. teoksessa *Proceedings of the FRUCT'19*. Sivut 151-158. <https://doi.org/10.23919/FRUCT.2016.7892195>

López Baeza J, Cerrone D, Männigo K. 2017. Comparing two methods for Urban Complexity calculation using Shannon-Wiener index. teoksessa *Comparing two methods for Urban Complexity calculation using Shannon-Wiener index*. WIT Press. Sivut 369-378. (WIT Transactions on Ecology and The Environment). <https://doi.org/10.2495/SDP170321>

Loukola-Ruskeeniemi K, Lonka H, Ehrukainen E, Gustafsson J, Honkanen M, Härmä P, Jauhiainen P, Kuula P, Nenonen K, Pellinen T, Rintala J, Selonen O, Martikainen M, Aalto M, Toimittaja 2015. Kiviaines- ja luonnonkiviteollisuuden kehitysnäkymät. Helsinki: Työ- ja elinkeinoministeriö. 72 Sivumäärä (Työ- ja elinkeinoministeriön julkaisuja; 54).

Lummi K, Rautiainen A, Järventausta P, Heine P, Lehtinen J, Hyvärinen M. 2016. Electricity Distribution Network Tariffs - Present Practices, Future Challenges and Development Possibilities. teoksessa *CIREN Workshop 2016*.

Ma S, Ukkonen L, Sydänheimo L, Björninen T. 2017. Wearable e-textile split ring passive UHF RFID tag: Body-worn performance evaluation. teoksessa *2017 IEEE Asia Pacific Microwave Conference (APMC)*. IEEE.

- Ma S, Pournoori N, Sydänheimo L, Ukkonen L, Björninen T, Georgiadis A. 2019. A Batteryless Semi-Passive RFID Sensor Platform. teoksessa 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE. Sivut 171-173. <https://doi.org/10.1109/RFID-TA.2019.8892176>
- Machado M, Verghese G, Peltola T. 2014. Massive Open Online Research: An approach to deal with wicked problems. teoksessa PICMET 14 Conference, Portland International Center for Management of Engineering and Technology: Infrastructure and Service Integration. Portland: The Institute of Electrical and Electronics Engineers, Inc. Sivut 236-242.
- Machado MA, Magnier-Watanabe R, Peltola T. 2016. Capturing knowledge from research projects: From project reports to storytelling. teoksessa 2016 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE. Sivut 2048-2057. <https://doi.org/10.1109/PICMET.2016.7806602>
- Madhala P, Jussila J, Aramo-Immonen H, Suominen A. 2018. Systematic literature review on customer emotions in social media. Cunnane V, Corcoran N, Toimittajat. teoksessa ECSM - Proceedings of the 5th European Conference on Social Media. Limerick, Ireland.
- Mäenpää S, Breite R. 2015. Social capital in hybrid governance - Case study in a global subcontracting process. teoksessa Proceedings of the 24th Annual IPSERA Conference Preparing for new competitive challenges, March 29-April 1, Amsterdam, the Netherlands. IPSERA.
- Mäenpää S, Suominen A, Breite R. 2016. Knowledge integration method development for multi-stakeholder innovation. teoksessa Proceedings of The XXVII ISPIM Conference 2016 Porto, Portugal - 19-22 June 2016 : Blending Tomorrow's Innovation Vintage.
- Mahlamäki T, Valkeinen T, Myllärniemi J, Hellsten P, Repo S. 2017. Personality's effect on peer assessment ability in case method context. teoksessa EDULEARN17 Proceedings. 9th International Conference on Education and New Learning Technologies: 3-5 July, 2017, Barcelona, Spain. IATED. Sivut 6401-6405. (Edulearn proceedings). <https://doi.org/10.21125/edulearn.2017.2455>
- Majanne Y, Korpela T, Judl J, Koskela S, Laukkanen V, Häyrynen A, Salminen O. 2015. Voimalaitosten reaaliaikainen ympäristövaikutusten monitorointi. Jämsä-Jounela S-L, Toimittaja. teoksessa Automaatio XXI seminaari. Suomen Automaatioseura. Sivut 1-6. (SAS julkaisusarja; 44).
- Majuri M, Lanz M. 2018. Social capital characteristics in RD project networks. teoksessa 2018 Portland International Conference on Management of Engineering and Technology (PICMET). IEEE. <https://doi.org/10.23919/PICMET.2018.8481775>
- Mäkelä A-M, Ali-Löytty S, Humaloja J-P, Joutsenlahti J, Kauhanen J, Kaarakka T. 2016. STACK assignments in university mathematics education. teoksessa Proceedings of the 44th SEFI Conference, 12 - 15 September 2016, Tampere, Finland. European Society for Engineering Education SEFI.
- Mäki A-J, Kontunen A, Ryyänen T, Verho J, Kreutzer J, Lekkala J, Kallio P. 2016. Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications. teoksessa IEEE 11th Annual International Conference on Nano/Micro Engineered and Molecular Systems (NEMS). IEEE. Sivut 125-129. <https://doi.org/10.1109/NEMS.2016.7758214>
- Mäkinen SJ. 2015. Internet-of-things disrupting business ecosystems: A case in home automation. teoksessa IEEM 2014: 2014 IEEE International Conference on Industrial Engineering and Engineering Management. IEEE COMPUTER SOCIETY PRESS. Sivut 1467-1470. <https://doi.org/10.1109/IEEM.2014.7058882>
- Mäkinen SJ, Dedehayir O, Ortt R. 2015. Exploring effects of ecosystem clockspeed on product performance. teoksessa IEEE International Conference on Industrial Engineering and Engineering Management. IEEE COMPUTER SOCIETY PRESS. Sivut 1457-1461. <https://doi.org/10.1109/IEEM.2014.7058880>

- Mäkitalo J 2015. Boundary Integral Operators in Linear and Second-order Nonlinear Nano-optics. Tampere University of Technology. 73 Sivumäärä (Tampere University of Technology. Publication).
- Mäkitalo-Keinonen T, Aarikka-Stenroos L. 2015. Examining Innovation Barriers along Innovation Process in Multi-Industry Hygiene-Technology Network. teoksessa The Proceedings of the XXVI ISPIM Conference 2015 Budapest, Hungary . Denmark: International Society for Professional Innovation Management ISPIM.
- Mäntysalo M, Vuorinen T, Jeyhani V, Vehkaoja A. 2017. Printed soft-electronics for remote body monitoring. teoksessa Hybrid Memory Devices and Printed Circuits 2017: SPIE Organic Photonics + Electronics | 6-10 August 2017. SPIE. (SPIE Conference Proceedings). <https://doi.org/10.1117/12.2275606>
- Mardoukhi A, Hokka M, Kuokkala V-T. 2015. Effects of surface cracks and strain rate on the tensile behavior of Balmoral Red granite. teoksessa 11th International Conference on the Mechanical and Physical Behaviour of Materials Under Dynamic Loading. EDP Sciences.
- Mardoukhi A, Saksala T, Hokka M, Kuokkala V-T. 2015. An experimental and numerical study of the dynamic Brazilian disc test on Kuru granite. teoksessa Proceedings of the XII Finnish Mechanics Day. Sivut 210-215.
- M. Aref M, Astola P, Vihonen J, Tabus I, Ghabcheloo R, Mattila J. 2018. Adaptive Feedback in Local Coordinates for Real-time Vision-Based Motion Control Over Long Distances. teoksessa International Conference on Robotics and Mechantronics : (ICRoM 2017). IOP Publishing Ltd. (IOP conference series : materials science and engineering). <https://doi.org/10.1088/1757-899X/320/1/012009>
- Mari T, Leivo V, Pekkonen M, Aaltonen A, Kivistä M, Haverinen-Shaughnessy U. 2016. Sisäympäristön laadun ja terveellisuuden arviointi energiaparannuskohteissa. teoksessa Sisäilmastoseminaari 2016, Sisäilmayhdistys raportti 34. SIY SISÄILMATIETO OY. Sivut 13-18.
- Markkula J, Vilppo O, Järventausta P, Hakala T, Lähdeaho T. 2016. Profitability of different li-ion batteries as back-up power in LVDC distribution network. teoksessa CIRED Workshop 2016. <https://doi.org/10.1049/cp.2016.0787>
- Markopoulos E, Vanharanta H. 2015. The Company Democracy Model for the Development of Intellectual Human Capitalism for Shared Value. teoksessa 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. Sivut 603-610. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.277>
- Markopoulos E, Vanharanta H. 2015. The World Innovation Stock Exchange- shared value for individuals, business and society. teoksessa 6th International Conference on Applied Human Factors and Ergonomics (AHFE 2015) and the Affiliated Conferences, AHFE 2015. Elsevier. Sivut 595-602. (Procedia Manufacturing). <https://doi.org/10.1016/j.promfg.2015.07.275>
- Martinsuo M, Arvio I. 2015. Decision making on sustainability in product development projects. teoksessa 15th Annual Conference of EURAM European Academy of Management: EURAM 2015. Warsaw: European Academy of Management, EURAM.
- Martinsuo M, Kivilä J, Heikkilä J. 2015. Creating sustainable value in manufacturing operations: the role of an external service provider. teoksessa 22nd EurOMA Conference: Operations management for sustainable competitiveness. Switzerland: European Operations Management Association.
- Martinsuo M, Ahvenniemi O, Vaitinen E. 2015. Changes in operations when introducing disruptive technologies. teoksessa 22nd EurOMA Conference: Operations management for sustainable competitiveness. Switzerland: European Operations Management Association.
- Martinsuo M, Sukanen I, Kivilä J. 2015. Defining product end-of-life strategies in new product development. teoksessa 23rd Nordic Academy of Management Conference NFF 2015- Business in society: NFF 2015. Nordic Academy of Management.

Martinsuo M, Momeni K. 2015. Customized service solutions for project business. teoksessa 23rd Nordic Academy of Management Conference 2015. Nordic Academy of Management.

Martinsuo M, Vuorinen L. 2015. Project control toward lifecycle value at the front end of delivery projects. teoksessa 23rd Nordic Academy of Management Conference : NFF 2015. Nordic Academy of Management.

Martinsuo M, Väliaho V. 2016. Service orientation and innovation in the strategies of manufacturing SMEs. teoksessa 23rd Innovation and Product Development Management Conference (IPDMC): 12-14 June, 2016, Glasgow, U.K.. EIASM.

Martinsuo M, Vaittinen E. 2018. Industrial customers' organizational readiness for service innovations: Adopting data-based advanced services. teoksessa Proceedings of the 25th Innovation and Product Development Management Conference. European Institute for Advanced Studies in Management, EIASM. (International Product Development Management Conference).

Martinsuo M, Laurila F. 2018. Requirements from industrial internet for innovations in advanced industrial services. teoksessa Proceedings of the 25th Innovation and Product Development Management Conference. European Institute for Advanced Studies in Management, EIASM. (International Product Development Management Conference).

Martinsuo M, Vuorinen L, Killen C, Laiti M. 2018. Lifecycle-oriented framing of value at the front end of infrastructure projects. teoksessa Proceedings of EURAM18 European Academy of Management conference 2018. European Academy of Management, EURAM. (EURAM conference).

Martinsuo M, Vuorinen L. 2019. Actors' agency in the routines of innovation project portfolio management. teoksessa Proceedings of the EURAM European Academy of Management Conference 2019: 26-28 June 2019, Lisbon, Portugal. European Academy of Management, EURAM. (EURAM conference).

Marttila T, Suonketo J, Kero P, Annila P, Pentti M. 2015. Valtion tukemien homekorjaushankkeiden arviointi (HKPro 2). Säteri J, Ahola M, Toimittajat. teoksessa Sisäilmastoseminaari 2015 SIY Raportti 33, Messukeskus, Helsinki 11.3.2015: Sisäilmastoseminaari. Juva. Sivut 101-106.

Marttila T, Suonketo J, Kero P, Annila P. 2015. Onnistumistekijät valtion tukemissa homekorjaushankkeissa. Vinha J, Ruuska T, Toimittajat. teoksessa Rakennusfysiikka 2015: Uusimmat tutkimustulokset ja hyvät käytännön ratkaisut, 20-22.10.2015, Tampere. Tampere: Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennetekniikka. Sivut 253-258.

Marttila T, Annila P, Kero P, Suonketo J, Heino S, Pentti M 2015. HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi: Jatkotutkimus. Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennustekniikka. 68 Sivumäärä (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka; Tutkimusraportti).

Marttila T, Annila P, Suonketo J, Kero P, Pentti M. 2017. Securing the flow of information in renovation projects: Sustainable synergies from buildings to the urban scale. *PROCEDIA ENVIRONMENTAL SCIENCES*. 38:228-233. <https://doi.org/10.1016/j.proenv.2017.03.109>

Mateos X, Loiko P, Lamrini S, Scholle K, Fuhrberg P, Suomalainen S, Härkönen A, Guina M, Vatnik S, Vedin I, Aguiló M, Díaz F, Wang Y, Griebner U, Petrov V. 2018. Highly-efficient Ho:KY(WO4)2 thin-disk lasers at 2.06 μm. teoksessa Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers. SPIE, IEEE. (Proceedings of SPIE). <https://doi.org/10.1117/12.2316822>

Matikainen V, Koivuluoto H, Milanti A, Vuoristo P. 2015. Advanced coatings by novel high-kinetic thermal spray processes. *Materia*. 73(1):46-50.

Matikainen V, Bolelli G, Koivuluoto H, Sassatelli P, Lusvarghi L, Vuoristo P. 2016. High-temperature sliding wear behaviour of thermally sprayed Cr3C2-based coatings. teoksessa Proceedings of The 17th Nordic Symposium on Tribology - NORDTRIB 2016.

Matikainen V, Rubio S, Ojala N, Koivuluoto H, Schubert J, Houdková S, Vuoristo P. 2017. Cavitation erosion, slurry erosion and solid particle erosion performance of metal matrix composite (MMC) coatings sprayed with modern high velocity thermal spray processes. teoksessa Materials Science and Technology Conference and Exhibition 2017, MS and T 2017: October 8-12, 2017, Pittsburgh, Pennsylvania USA. Association for Iron and Steel Technology, AISTECH. Sivut 1161-1163.

Mela K, Heinisuo M. 2014. Economical utilization of high strength steel: Welded slim floor box beams. teoksessa Eurosteel 2014 7th European conference on steel and composite structures.

Mela K, Alinikula M, Tiainen T, Heinisuo M, Sorsa I. 2015. Suunnittelutyökalu putkiristikoiden mitoitukseen ja optimointiin. teoksessa Proceedings of the XII Finnish Mechanics Days. Suomen XII Mekaniikkapäivien esitelmät. Rakenteiden Mekaniikan Seura ry. Sivut 136-141.

Melin J, Ritala R. 2015. Novel Method For Online Stereo Self-Calibration. teoksessa XXI IMEKO World Congress "Measurements In Research and Industry".

Mendes MR, Subramaniam NP, Wendel-Mitoraj K. 2015. Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes. teoksessa International IEEE/EMBS Conference on Neural Engineering, NER. IEEE COMPUTER SOCIETY PRESS. Sivut 1092-1095. <https://doi.org/10.1109/NER.2015.7146818>

Mereuta A, Nechay K, Caliman A, Suruceanu G, Gallo P, Guina M, Kapon E. 2019. 1.55- $\mu\text{m}$  wavelength wafer-fused OP-VECSELs in flip-chip configuration. Keller U, Toimittaja. teoksessa Vertical External Cavity Surface Emitting Lasers (VECSELs) IX. SPIE, IEEE. (Proceedings of SPIE - The International Society for Optical Engineering). <https://doi.org/10.1117/12.2508342>

Meriläinen K, Vuori V, Helander N. 2017. Inter-organizational knowledge sharing barriers within an sme network: a case study. teoksessa Proceedings of the 18th European Conference on Knowledge Management: Barcelona, Spain, 7-8 September 2017. Reading, UK: Academic Conferences and Publishing International Limited. Sivut 690-697.

Merilampi S, Ihanakangas V, Virkki J. 2019. User-driven development with scientific applied research - RFID-controlled physiogame case study. teoksessa 2019 IEEE International Conference on RFID Technology and Applications (RFID-TA). IEEE. Sivut 167-170. <https://doi.org/10.1109/RFID-TA.2019.8892150>

Messo T, Aapro A, Suntio T. 2015. Generalized multivariable small-signal model of three-phase grid-connected inverter in DQ-domain. teoksessa IEEE 16th Workshop on Control and Modeling for Power Electronics (COMPEL). IEEE. <https://doi.org/10.1109/COMPEL.2015.7236460>

Messo T, Luhtala R, Roinila T, Yang D, Wang X, Blaabjerg F. 2017. Real-Time Impedance-Based Stability Assessment of Grid Converter Interactions. teoksessa IEEE Workshop on Control and Modeling for Power Electronics. <https://doi.org/10.1109/COMPEL.2017.8013384>

Messo T, Roinila T, Aapro A, Luhtala R. 2019. Accurate impedance model of grid-connected inverter for small-signal stability assessment in high-impedance grid. IEEJ JOURNAL OF INDUSTRY APPLICATIONS. 8(3). <https://doi.org/10.23919/IPEC.2018.8507573>

Metsäpuro P, Vaismaa K, Karhula K, Luukkonen T, Mäntynen J, Rantala T 2014. Vaihdetta isommalle: Pyöräilyn potentiaalain hyödyntäminen. Tampere: Tampereen teknillinen yliopisto. Liikenteen tutkimuskeskus Verne. 145 Sivumäärä

Mettänen M, Melin J, Ihalainen H. 2015. Photometric stereo system for detailed analysis of material surfaces. teoksessa IMEKO XXI World Congress, Measurement in Research and Industry, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic.

Michele Felicetti A, Ammirato S, Raso C, Aramo-Immonen H, Jussila J. 2016. Being a start-upper in Italy: Motivations, obstacles and success factors. teoksessa Proceedings of the 11th forum on knowledge asset dynamics: Towards a new architecture of knowledge: big data, culture and creativity. Dresden. Sivut 1370-1383.

Miettinen P, Ahokas M, Engström T, Heinonen J, Auvinen S. 2017. The role of base substrate on barrier and convertability properties of Water based barrier coated (WBBC) paper and paperboard. teoksessa Paper Conference and Trade Show, PaperCon 2017: Renew, Rethink, Redefine the Future, Minneapolis, Minnesota, USA, 23-26 April 2017. TAPPI Press. Sivut 220-232.