

First principles prediction of the solar cell efficiency of chalcopyrite materials AgMX_2 (M=In, Al; X=S, Se, Te)

Dongho-Nguimdo, G. M., Igumbor, E., Zambou, S. & Joubert, D. P., 1 Dec 2019, In : Computational Condensed Matter. 21, e00391.

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

Clothing-Integrated Passive RFID Strain Sensor Platform for Body Movement-Based Controlling

He, H., Chen, X., Ukkonen, L. & Virkki, J., 7 Nov 2019, *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, p. 236-239 4 p.

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

Glove-Integrated Textile Antenna with Reduced SAR for Wearable UHF RFID Reader

Ahmed, S., Mehmood, A., Sydänheimo, L., Ukkonen, L. & Björninen, T., 7 Nov 2019, *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, p. 231-235 5 p.

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

High Peak Power Laser Diodes for Eye Safe LIDAR with Integrated Wavelength Locking Element

Viherialä, J., Aho, A. T., Virtanen, H., Reuna, J., Lyytikäinen, J. & Guina, M., 17 Oct 2019, *2019 Conference on Lasers and Electro-Optics Europe European Quantum Electronics Conference (CLEO/Europe-EQEC)*. IEEE

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

Automatization and stress analysis data of CoCr laser weld fatigue tests

Kanerva, M., Besharat, Z., Pärnänen, T., Jokinen, J., Honkanen, M., Sarlin, E., Göthelid, M. & Schlenzka, D., 1 Oct 2019, In : Data in Brief. 26, 104374.

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

DroneRF dataset: A dataset of drones for RF-based detection, classification and identification

Allahham, MHD. S., Al-Sa'd, M. F., Al-Ali, A., Mohamed, A., Khattab, T. & Erbad, A., 1 Oct 2019, In : Data in Brief. 26, 104313.

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

Teacher's Perceptions and Readiness to Teach Coding Skills: A Comparative Study Between Finland, Mainland China, Singapore, Taiwan, and South Korea

Wu, L., Looi, C. K., Multisilta, J., How, M. L., Choi, H., Hsu, T. C. & Tuomi, P., 30 Sep 2019, In : Asia-Pacific Education Researcher. 14 p.

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

Participatory service design and community involvement in designing future-ready sustainable learning landscapes

Sandström, N., Nevgi, A. & Nenonen, S., 2 Sep 2019, *SBE 19 - Emerging Concepts for Sustainable Built Environment 22-24 May 2019, Helsinki, Finland*. IOP Publishing, (IOP Conference Series: Earth and Environmental Science; vol. 297).

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

A Batteryless Semi-Passive RFID Sensor Platform

Ma, S., Pournoori, N., Sydänheimo, L., Ukkonen, L., Björninen, T. & Georgiadis, A., 1 Sep 2019, *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, p. 171-173 3 p.

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

User-driven development with scientific applied research - RFID-controlled physiogame case study

Merilampi, S., Ihanakangas, V. & Virkki, J., 1 Sep 2019, *2019 IEEE International Conference on RFID Technology and Applications (RFID-TA)*. IEEE, p. 167-170 4 p.

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

Discovering collaborative and inclusive solutions to co-create multidimensional value in cross-sector collaboration

Vuori, V., Bor, S., Polsa, P., Käpylä, J. & Helander, N., Sep 2019, *Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management: 17-19 September, 2019, Vienna, Austria*.

SCITEPRESS, p. 364-369 6 p. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management; vol. 3).

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

Research-industry collaboration: a review of the literature on evaluation methods and motivations

Solodko, A., Mäkinen, S., Lasheras, N. C., Bedolla, J. S. & Saari, U., 29 Aug 2019, *PICMET 2019 Conference: August 25-29, 2019, Portland, Oregon, USA*. Portland, 7 p. 19R0108

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

Enabling cybersecurity incident reporting and coordinated handling for maritime sector

Silverajan, B. & Vistiaho, P., 1 Aug 2019, *2019 14th Asia Joint Conference on Information Security, AsiaJCIS 2019*. IEEE, p. 88-95 8 p.

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

Visibility-Aware Part Coding for Vehicle Viewing Angle Estimation

Yang, D., Qian, Y., Cai, D., Yan, S., Kämäräinen, J-K. & Chen, K., 1 Aug 2019, *9th International Conference on Information Science and Technology, ICIST 2019*. IEEE, p. 65-70 6 p.

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

Profile extraction and deep autoencoder feature extraction for elevator fault detection

Mishra, K., Krogerus, T. & Huhtala, K., 28 Jul 2019, *16th International Conference on Signal Processing and Multimedia Applications: SIGMAP 2019, 26-28 July, 2019, Prague, Czech Republic*. Callegari, C. (ed.). 2019 ed. Prague, Czech Republic: SCITEPRESS, Vol. 16. p. 313-320 8 p.

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

Empirical study of good, bad and ugly modular engineering solutions in machinery manufacturing industry

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

Actors' agency in the routines of innovation project portfolio management

Martinsuo, M. & Vuorinen, L., 26 Jun 2019, *Proceedings of the EURAM European Academy of Management Conference 2019: 26-28 June 2019, Lisbon, Portugal*. European Academy of Management, EURAM, 26 p. (EURAM conference).

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

Diffusion of innovation: Case of co-design of cabins in mobile work machine industry

Ellman, A. & Tainen, T., 1 Jun 2019, In : *Computers*. 8, 2, 39.

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

Knowledge management practices to overcome network-level knowledge barriers: an artificial intelligence powered literature review

Vuori, V. & Helander, N., Jun 2019, *Proceedings of International Forum on Knowledge Asset Dynamics 2019: 5-7 June 2019, Matera, Italy*. (IFKAD Proceedings eBooks).

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

Normalization of deviance in the construction industry, a managerial perspective

Hajikazemi, S., Ahola, T., Aaltonen, K., Aarseth, W. & Andersen, B., Jun 2019, *European Academy of Management Conference 2019, EURAM: 26-28 June, Lissabon, Portugal*. (European academy of management annual conference).

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

The circular economy of projects

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

Double-side pumped membrane external-cavity surface-emitting laser (MECSEL) with increased efficiency emitting > 3 W in the 780 nm region

Kahle, H., Phung, H-M., Penttinen, J-P., Rajala, P., Tukiainen, A., Ranta, S. & Guina, M., 1 May 2019, *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE

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

Frequency Comb Generation in a Continuous-Wave Pumped Second-Order Nonlinear Waveguide Resonator

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

High-Q resonance train in a plasmonic metasurface

Saad-Bin-Alam, M., Reshef, O., Huttunen, M. J., Carlow, G., Sullivan, B., Menard, J. M., Dolgaleva, K. & Boyd, R. W., 1 May 2019, *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE

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

Optical Frequency Comb Photoacoustic Spectroscopy

Sadiq, I., Mikkonen, T., Vainio, M., Toivonen, J. & Foltynowicz, A., 1 May 2019, *2019 Conference on Lasers and Electro-Optics, CLEO 2019 - Proceedings*. IEEE

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

A Semantic Meta-Model Repository for Lightweight M2M

Silverajan, B., Zhao, H. & Kamath, A., 11 Apr 2019, *2018 IEEE International Conference on Communication Systems, ICCS 2018*. IEEE, p. 468-472 5 p.

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

Muovipäällysteisten lattioiden vaurioituminen kosteuden vaikutuksesta

Leivo, V., Sarlin, E., Suonketo, J., Pikkuvirta, J. & Pentti, M., 14 Mar 2019, *Sisäilmastoseminaari 2019: 14.3.2019 : Sisäilmayhdistys raportti 37*. SIY SISÄILMATIETO OY, p. 383-388 6 p. (SIY Raportti; no. 37).

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

Large mode area double clad ytterbium tapered fiber with circular birefringency

Rissanen, J., Fedotov, A., Noronen, T., Gumenyuk, R., Chamorovskii, Y., Kolosovskii, A., Voloshin, V., Vorobev, I., Odnoblyudov, M. & Filippov, V., 7 Mar 2019, *Proceedings of SPIE : Fiber Lasers XVI: Technology and Systems*. Carter, A. L. & Dong, L. (eds.). SPIE-INT SOC OPTICAL ENGINEERING, 8 p. (Proceedings of SPIE; vol. 10897).

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

Analysis of upconversion nanoparticles as an active medium for upconversion light sources

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

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

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

Vesihuollon haasteet Suomessa: – saneerausvelka ja tutkimusresurssien puute ongelma

Translated title of the contribution: : Challenges of water services in Finland : overdue upgrades and scanty research resources as problems

Juuti, P., Katko, T. S. & Rajala, R., Feb 2019, In : *Vesitalous*. 60, 1, p. 58-61 4 p.

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

1.3µm U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics

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

1.55- μm wavelength wafer-fused OP-VECSELs in flip-chip configuration

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

405-nm pumped Ce^{3+} -doped silica fiber for broadband fluorescence from cyan to red

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

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

A model for profiling information and knowledge management in the public sector

Jääskeläinen, A., Sillanpää, V. & Helander, N., 2019, *Proceedings of 14th IFKAD 2019 conference: Matera, Italy, 5-7 June*. (Proceedings IFKAD).

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

Benchmarking of several disparity estimation algorithms for light field processing

Zakeri, F. S., Bätz, M., Jaschke, T., Keinert, J. & Chuchvara, A., 2019, *Fourteenth International Conference on Quality Control by Artificial Vision*. Bazeille, S., Verrier, N. & Cudel, C. (eds.). SPIE, IEEE, 111721C. (Proceedings of SPIE - The International Society for Optical Engineering; vol. 11172).

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

Business intelligence process model revisited

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

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

Co-creating digital services for citizens: Activity theory analysis

Jussila, J., Kukkamäki, J. & Helander, N., 2019, *IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management*. Bernardino, J., Salgado, A. & Filipe, J. (eds.). SCITEPRESS, p. 285-290 6 p. (IC3K 2019 - Proceedings of the 11th International Joint Conference on Knowledge Discovery, Knowledge Engineering and Knowledge Management; vol. 3).

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

Dynamics of value in technology inspired value co-creation: Case in homecare value network

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

Farm detection based on deep convolutional neural nets and semi-supervised green texture detection using VIS-NIR satellite image

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

From monolithic systems to microservices: A decomposition framework based on process mining

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

Mean and variability in RNA polymerase numbers are correlated to the mean but not the variability in size and composition of Escherichia coli cells

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

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

Kahle, H., Penttinen, J. P., Phung, H. M., Rajala, P., Tukiainen, A., Ranta, S. & Guina, M., 2019, *Vertical External Cavity Surface Emitting Lasers (VECSELs) IX*. Keller, U. (ed.). SPIE, IEEE, 109010D. (Proceedings of SPIE - The International Society for Optical Engineering; vol. 10901).

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

Modelling the stressed skin effect by using shell elements with meta-material model

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

Observation of local electroluminescent cooling and identifying the remaining challenges

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

Random lasing control with optical spatial solitons in nematic liquid crystals

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

Revisiting gray pixel for statistical illumination estimation

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

Revisiting Social Media Tie Strength in the Era of Data Access Restrictions

Gupta, J., Kärkkäinen, H., Torro, O. & Mikkamala, R. R., 2019, *Proceedings of the 11th International Conference on Knowledge Management and Information Systems (KMIS 2019)*. SCITEPRESS, p. 187-194 8 p.

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

Single exposure lensless subpixel phase imaging

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

Smartphone teleoperation for self-balancing telepresence robots

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

Experimental moment resistance of rectangular hollow section T joints

Garifullin, M., 5 Dec 2018, In : *MATEC Web of Conferences*. 245, 08003.

Research output: Contribution to journal > Conference article > Scientific > peer-review

Industrialization of hybrid and additive manufacturing-Implementation to Finnish industry (HYBRAM)

Riipinen, T., Kujanpää, V., Komi, E., Kilpeläinen, P., Savolainen, M., Puukko, P., Vihinen, J., Coatanea, E. & Mokhtarian, H., 26 Nov 2018, VTT Technical Research Centre of Finland. 66 p. (Research Reports)

Research output: Book/Report > Commissioned report > Professional

Performance Enhancement Of Optimized Link State Routing Protocol For Health Care Applications In Wireless Body Area Networks

Chetan Kumar, V., Shiva Prakash, S. P. & Balandin, S., Nov 2018, *2018 23rd Conference of Open Innovations Association (FRUCT)*. IEEE, p. 195-203 9 p.

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

Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan

Translated title of the contribution : Scientific review: New methods for assessment and monitoring of chronic wounds

Kekonen, A., Bergelin, M. & Viik, J., 20 Oct 2018, In : *HAAVA*. 20, 3, p. 30-32 3 p.

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

The Effects of Product Line Length on Firm Performance

Kirjavainen, J., Mäkinen, S. & Sommarberg, M., 8 Oct 2018, *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE, 5 p.

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

Social capital characteristics in RD project networks

Majuri, M. & Lanz, M., 4 Oct 2018, *2018 Portland International Conference on Management of Engineering and Technology (PICMET)*. IEEE, 8481775

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

Technopreneurial Characteristics Rising from the Ashes of Creative Destruction

Sommarberg, M. & Mäkinen, S., 1 Oct 2018, *Proceedings in 2018 Portland International Conference in Management and Engineering (PICMET): (PICMET) 19-23 August 2018*. IEEE, p. 1-10 10 p.

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

Analysis of User Exploration Patterns during Scene Cuts in Omnidirectional Videos

Monakhov, D., Naik, D., Curcio, I. D. D. & Toukoma, H., Oct 2018, *SMPTE 2018*. SMPTE, 20 p.

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

Long-term monitoring of acute wound healing from beneath the primary wound dressings

Kekonen, A., Bergelin, M., Eriksson, J-E., Vesa, M., Johansson, M. & Viik, J., Oct 2018, *2018 16th Biennial Baltic Electronics Conference (BEC)*. IEEE, 4 p.

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

Glove-integrated slotted patch antenna for wearable UHF RFID reader

Ahmed, S., Musfequr Rehman, S. M., Ukkonen, L. & Björninen, T., 26 Sep 2018, *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE, 4 p.

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

Referenced backscattering compression level indicator based on passive UHF RFID tags

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

RF energy harvesting system with RFID-enabled charge storage monitoring

Pournoori, N., Khan, W., Ukkonen, L. & Björninen, T., 26 Sep 2018, *2018 IEEE International Conference on RFID Technology & Application (RFID-TA)*. IEEE, 4 p.

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

Constrained Long-Horizon Direct Model Predictive Control for Synchronous Reluctance Motor Drives

Ortombina, L., Liegmann, E., Karamanakos, P., Tinazzi, F., Zigliotto, M. & Kennel, R., 10 Sep 2018, *2018 IEEE 19th Workshop on Control and Modeling for Power Electronics, COMPEL 2018*. IEEE, 8 p. 8460173

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

2D Video Coding of Volumetric Video Data

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

Evaluation of Median Root Prior for Robust In-Beam PET Reconstruction

Us, D., Brzezinski, K., Buitenhuis, T., Dendooven, P. & Ruotsalainen, U., 5 Sep 2018, In : *IEEE Transactions on Radiation and Plasma Medical Sciences*. 2, 5, p. 490-498 8 p.

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

Web User Interface Implementation Technologies: An Underview

Taivalsaari, A., Mikkonen, T., Systä, K. & Pautasso, C., 5 Sep 2018, *14th International Conference on Web Information Systems and Technologies*. SCITEPRESS, p. 127-136 10 p.

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

Fabrication and Practical Evaluation of Glove-integrated Passive UHF RFID Tags

Chen, X., He, H., Ukkonen, L., Virkki, J., Xu, J., Wang, T. & Cheng, L., Sep 2018, *2018 IEEE International Conference on RFID Technology Application (RFID-TA)*. IEEE, 5 p.

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

Multi-site delamination analysis using virtual crack closure technique for a composite aircraft wing flap

Jokinen, J., Kanerva, M. & Saarela, O., Sep 2018, *31st Congress of the International Council of the Aeronautical Sciences (Proceedings): Belo Horizonte, Brazil September 9-14, 2018*. ICAS Press

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

Nanocellulose as a Piezoelectric Material

Tuukkanen, S. & Rajala, S., 29 Aug 2018, *Piezoelectricity - Organic and Inorganic Materials and Applications*. InTech Open Access Publisher, p. 1-14 14 p.

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

Comparison of food frequency questionnaire data and shopping records for the assessment of food intake

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Ideoita kaavoituksen sisällön uudistamiseen: Kaavojen merkintöjen ja määräysten kehittäminen (KAMMI-hanke)

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

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In vitro characterization of arylhydrazones of active methylene derivatives

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

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Research output: Book/Report > Anthology > Scientific > peer-review

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

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

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

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

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

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

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

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Need of Services and Understanding of Service Providers in Water and Sanitation: A Case of Ethiopia

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

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

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

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

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

Probabilistic Framework for Modelling the Evolution of Geomorphic Features in 10,000-Year Time Scale: The Eurajoki River Case

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Research output: Book/Report › Anthology › Scientific › peer-review

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Research output: Book/Report › Anthology › Scientific › peer-review

Profitability of different li-ion batteries as back-up power in LVDC distribution network

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

Quantitative Estimation of Long-living Fluorescent Molecules from Temporal Fluorescence Intensity Data Corrupted by Nonzero-mean Noise

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

Real Time Measurements of Temporal Rogue Waves and Spontaneous Modulation Instability in Optical Fiber

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

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

Reinforcement Corrosion Modelling in Renovation Strategy for Concrete Facades

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

Relations between civil engineering students' approaches to learning, perceptions of the development of professional skills and perceived workload

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

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

Roadmap towards the vision of the future power system and electricity market

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

Role of Power and Sense Making in the Briefing of a Small Renovation Project

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

Role of Water Cooperatives in Water Service Production - Lessons from Finland and Denmark

Pietilä, P., Arvonen, V. & Katko, T., 2016, *Proceedings of the 20th CIB World Building Congress 2016: May 30 – June 3, 2016 Tampere Finland*. Achour, N. (ed.). Tampere University of Technology, Vol. V. p. 1152-1161

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

Short range HF radio channel measurements: Search for one path channels

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

Simultaneous binary hash and features learning for image retrieval

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

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

Site-controlled InAs Quantum Dots for Plasmonics

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

Sound Event Detection in Multichannel Audio Using Spatial and Harmonic Features

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

Spatial borders and affordances of a temporary school building – Enhancing the school engagement and learning experience

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

STACK assignments in university mathematics education

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

Surrogate modeling for initial rotational stiffness of welded tubular joints

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

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

Target tracking via combination of particle filter and optimisation techniques

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

The role of the purchasing function in non-financial value creation

Jääskeläinen, A., Thitz, O. & Heikkilä, J., 2016, *25th Proceedings of IPSEERA 2016 conference, : 20-23.3.2016, Dortmund, Germany..*

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

The Workplace for Researchers – Enhancing Concentration and Face-to-face Interaction

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

Towards responsive workspaces - identification of service paths for time-and-place independent work

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

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

Use of high-order beams to calibrate spatial light modulators for microscopy

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Research output: Other conference contribution › Paper, poster or abstract › Scientific

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

Ventilation rates and CO2-levels before and after energy retrofit in Finnish apartment buildings

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

Visual narratives in the value chain of new management accounting knowledge

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

Обзор параметрических методов позиционирования на основе концепции отпечатка пальца

Translated title of the contribution: : A Survey of Parametric Fingerprint-Positioning Methods

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

Turvallisuuden johtajat - Esimiesten johtajuus, osaaminen ja sitoutuminen

Translated title of the contribution: : Leaders of safety - managers' leadership, skills and commitment

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Bispectrum-based demodulation technique using triple-channel heterodyning of triplet-signal

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

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

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