

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

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

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

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

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

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

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

Research output: Contribution to journal > Article > 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

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

Pajunen, S., Hautala, J. & Heinisuo, M., 2019, In : Magazine of Civil Engineering. 86, 2, p. 20-29 10 p.

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

Experimental moment resistance of rectangular hollow section T joints

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

Tutkimuskatsaus: Uusia menetelmiä haavan paranemisen arviointiin ja seurantaan

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

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

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

Effect of radiation inside square hollow section under moderate non-symmetric fire

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

Effect of elevated nitrate and sulfate concentrations on selenate removal by mesophilic anaerobic granular sludge bed reactors

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

In vitro characterization of arylhydrazones of active methylene derivatives

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

Cold-formed RHS T joints with initial geometrical imperfections

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

基于相位旋转的SCMA码本优化方法

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

Core Project Team As a Management Entity for Construction Projects

Keinänen, M. & Kähkönen, K., 2018, In : In_bo: Ricerche e progetti per il territorio, la città e l'architettura. Construction Management. 9, 13, p. 208-217 10 p.
Research output: Contribution to journal > Article > Scientific > peer-review

Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa

Kaarakka, T. E., Ali-Löytty, S. & Huhtanen, M., 2018, In : FMSERA Journal . 2, 1, p. 67-77 11 p.
Research output: Contribution to journal > Article > Scientific > peer-review

Yliopistomatematiikan sähköisten tehtävien ja matemaattisen ajattelun kehittäminen

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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

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

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

Electro-optic steering of random laser emission in liquid crystals

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

Assessing the usefulness of an early idea development tool among experienced researchers

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

Sata vuotta vesihuoltoa Suomessa

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

Probabilistic Mapping of Human Visual Attention from Head Pose Estimation

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

Inkjet printed metallic micropillars for bare die flip-chip bonding

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The effect of tungsten carbide particles content in a weld deposit on its abrasion resistance

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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

NB-IoT for D2D-enhanced content uploading with social trustworthiness in 5G systems

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

Natural Gas Engine Emission Reduction by Catalysts

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

Influence of the rotor eccentricity on the torque of a cage induction machine

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

Kactus2: A graphical EDA tool built on the IP-XACT standard

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

Alkyl thiophene vinylene electropolymerization in C8mimPF6, potential use in solar cells

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

Collagen-immobilized polyimide membranes for retinal pigment epithelial cell adherence and proliferation

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

Reaction heat utilization in aluminosilicate-based ceramics synthesis and sintering

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

Effect of Laser Power on Yield of TiO₂ Nanoparticles Synthesized by Pulsed Laser Ablation in Water

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Manipulating Superparamagnetic Microparticles with an Electromagnetic Needle

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Securing the flow of information in renovation projects: Sustainable synergies from buildings to the urban scale

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Teoriaa ja kokemuksia arvioinnista MOOCien aikakaudella

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Image-based characterization of the pulp flows

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

Data including GROMACS input files for atomistic molecular dynamics simulations of mixed, asymmetric bilayers including molecular topologies, equilibrated structures, and force field for lipids compatible with OPLS-AA parameters

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Fully printed memristors for a self-sustainable recorder of mechanical energy

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Influence of environmental conditions on EMF levels in a span of overhead transmission lines

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High efficiency dilute nitride solar cells: Simulations meet experiments

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Research output: Contribution to journal › Article › 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

Preparation and antimicrobial characterization of silver-containing packaging materials for meat

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LTCC-Based Multi-Electrode Arrays for 3D in Vitro Cell Cultures

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

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SimpleTree: An Efficient Open Source Tool to Build Tree Models from TLS Clouds

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Energy Retrofits in Multi-family Buildings in North-east Europe: The Impacts on Thermal Conditions

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

Building new computational models to support health behavior change and maintenance: new opportunities in behavioral research

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

Effects of subsampling on characteristics of RNA-seq data from triple-negative breast cancer patients

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Towards a Classification Schema for Development Technologies: an Empirical Study in the Avionic Domain

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The effects of neuron morphology on graph theoretic measures of network connectivity: The analysis of a two-level statistical model

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Distributed power allocation over indoor multi-pico stations

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

Microrobotic system for multi-rate measurement of bio-based fibres Z-directional bond strength

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

Cancer research in the era of next-generation sequencing and big data calls for intelligent modeling

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

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

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Acquisition of E5 Galileo signals in Matlab

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Comparison of Detection Techniques for Multipath Propagation of Pseudolite Signals Used in Dense Industrial Environments

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

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Assessing coupling dynamics from an ensemble of time series

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

Cross-Cultural Design of Mobile Mathematics Learning Service for South African Schools

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Relational Capital for Shared Vision in Innovation Ecosystems

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Heat Loss Rate of the Finnish Building Stock

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Management and Planning Under Complexities of Metro Construction

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Monitoring urban air quality with a diffusion charger based electrical particle sensor

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Stirring the Construction Project Management with Co-creation and Continuous Improvement

Savolainen, J., Kähkönen, K., Niemi, O., Poutanen, J. & Varis, E., 2015, In : *Procedia Economics and Finance*. 21, p. 64-71 8 p.
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Safety, Space and Structure Quality Requirements in Construction Scheduling

Bragadin, M. A. & Kähkönen, K., 2015, In : *Procedia Economics and Finance*. 21, p. 407-414 8 p.
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A Cross-Cultural and Gender-Based Perspective for Online Security: Exploring Knowledge, Skills and Attitudes of Higher Education Students.

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Lean-tuotanto ja sen johtaminen: onnistuminen, haasteet ja soveltuminen Suomen yrityksiin ja muihin organisaatioihin
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Air pressure difference between indoor and outdoor or staircase in multi-family buildings with exhaust ventilation system in Finland

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A Co-creation Centre for University–Industry Collaboration – A Framework for Concept Development

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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

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

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High performance GaSb superluminescent diodes for tunable light source at 2 μm and 2.55 μm

Zia, N., Viheriälä, J., Koivusalo, E., Aho, A., Suomalainen, S. & Guina, M., 2018, *CLEO: Applications and Technology, CLEO_AT 2018*. OSA - The Optical Society

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Frequency-doubled wafer-fused 638 nm VECSEL with an output power of 5.6 W

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Integrated multi-wavelength mid-IR light source for gas sensing

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VisualLabel: An Integrated Multimedia Content Management and Access Framework

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