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Burkov, A., Matveev, N., Turlikov, A., Bulanov, A., Gahnina, O. & Andreev, S., 1 Nov 2017, *2017 9th International Congress on Ultra Modern Telecommunications and Control Systems and Workshops (ICUMT)*. IEEE, p. 143-147 5 p.

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

### **Traceability of essential climate variables through forest stand reconstruction with terrestrial laser scanning**

Calders, K., Disney, M., Nightingale, J., Origo, N., Barker, A., Raunonen, P. A., Lewis, P., Burt, A., Brennan, J. & Fox, N., 2015, *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. p. 122-124 3 p.

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

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Calders, K., Burt, A., Newnham, G., Disney, M., Murphy, S., Raunonen, P., Herold, M., Culvenor, D., Armston, J., Avitabile, V. & Kaasalainen, M., 2015, *Proceedings of SilviLaser 2015: 14th conference on Lidar Applications for Assessing and Managing Forest Ecosystems*. p. 197-199 3 p.

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### **Resonant harmonic generation in AlGaAs nanoantennas using cylindrical vector beams**

Camacho-Morales, R., Bautista, G., Zang, X., Xu, L., Turquet, L., Miroschnichenko, A., Lamprianidis, A., Rahmani, M., Neshev, D. N. & Kauranen, M., 2018, *CLEO: QELS Fundamental Science 2018*. The Optical Society; OSA, 2 p. FF1E.6

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

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Cardin, J., Dufour, C., KHOMENKOV, V., Fafin, A., Monnet, I., Rizza, G., COULON, P-E., Slablab, A., Mailly, D., Ulysse, C., Lafosse, X., Perruchas, S. & Gacoin, T., 1 Jun 2013, *7th International Conference on Materials for Advanced Technologies (ICMAT 2013), Jun 2013, Suntec, Singapore*. Singapore

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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: [Contribution to journal](#) › [Article](#) › [Scientific](#) › [peer-review](#)

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Chen, Z., Dehmer, M., Emmert-Streib, F. & Shi, Y., 2015, In : *Entropy*. 17, 6, p. 3710-3723 14 p.

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

### **Fabrication and reliability evaluation of passive UHF RFID T-shirts**

Chen, X., He, H., Ukkonen, L., Virkki, J., Lu, Y. & Lam, H., 8 Jun 2018, *2018 IEEE International Workshop on Antenna Technology, iWAT2018 - Proceedings*. IEEE, p. 1-4 4 p.

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Translated title of the contribution: : Homes and artworks

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Research output: Contribution to journal › Article › Professional

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### **First principles prediction of the solar cell efficiency of chalcopyrite materials $\text{AgMX}_2$ (M=In, Al; X=S, Se, Te)**

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Research output: Book/Report › Commissioned report › Professional

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Translated title of the contribution: : Mathematics and science subject teacher training at the University of Tampere  
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### **Impact of Axial Profile of the Gain Medium on the Mode Instability in Lasers: Regular Versus Tapered Fibers**

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Translated title of the contribution: : Finnish Ceramic Society  
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Research output: Contribution to journal > Article > Professional

### **Simultaneous binary hash and features learning for image retrieval**

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

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Research output: Book/Report › Commissioned report › Professional

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

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Translated title of the contribution: : Ideas to reform the content of spatial plans: Developing the designations and regulations related to plans

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Research output: Book/Report › Doctoral thesis › Collection of Articles

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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 › Review Article › Scientific › peer-review

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### **How to benefit from learning logs in engineering education?**

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

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

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Translated title of the contribution: : One hundred years of water services in Finland

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### **Towards Business Potential of Workplace Services in Finland**

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

### **Fractional Ornstein-Uhlenbeck Processes**

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Research output: Book/Report › Doctoral thesis › Monograph

### **Kehittämistutkimus: vuorovaikutteisten Matlab-opetusohjelmien vaikutus minäpystyvyyteen ja oppimistuloksiin yliopistomatematiikassa**

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

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Research output: Book/Report › Commissioned report › Professional

### **Editorial**

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Research output: Contribution to journal › Special issue › Scientific › peer-review

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

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

#### **HKPro3 - Valtion tukemien homekorjaushankkeiden arviointi: Jatkotutkimus**

Marttila, T., Annila, P., Kero, P., Suonketo, J., Heino, S. & Pentti, M., 2015, Tampereen teknillinen yliopisto, rakennustekniikan laitos, rakennustekniikka. 68 p. (Tampereen teknillinen yliopisto. Rakennustekniikan laitos. Rakennetekniikka; Tutkimusraportti; vol. 163)

Research output: Book/Report › Commissioned report › Professional

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

Marttila, T., Annila, P., Suonketo, J., Kero, P. & Pentti, M., 2017, In : *PROCEDIA ENVIRONMENTAL SCIENCES*. 38, p. 228-233 6 p.

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

#### **Highly-efficient Ho:KY(WO<sub>4</sub>)<sub>2</sub> thin-disk lasers at 2.06 μm**

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, *Pacific-Rim Laser Damage 2018: Optical Materials for High-Power Lasers*. SPIE, IEEE, 107130J. (Proceedings of SPIE; vol. 10713).

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

#### **Advanced coatings by novel high-kinetic thermal spray processes**

Matikainen, V., Koivuluoto, H., Milanti, A. & Vuoristo, P., 9 Feb 2015, In : *Materia*. 73, 1, p. 46-50 5 p.

Research output: Contribution to journal › Article › Professional

#### **High-temperature sliding wear behaviour of thermally sprayed Cr<sub>3</sub>C<sub>2</sub>-based coatings**

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

### **Economical utilization of high strength steel: Welded slim floor box beams**

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

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### **Evaluating the electrode measurement sensitivity of subdermal electroencephalography electrodes**

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### **1.55- $\mu$ m wavelength wafer-fused OP-VECSELs in flip-chip configuration**

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