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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Conference contribution

Mäki, Antti-Juhana; Kontunen, Anton; Ryynänen, Tomi; Verho, Jarmo; Kreutzer, Joose; Lekkala, Jukka; Kallio, Pasi / Design and simulation of a thermal flow sensor for gravity-driven microfluidic applications.
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Research output: Scientific - peer-review › Conference contribution

Iarovyi, Sergii; Xu, Xiangbin; Lobov, Andrei; Lastra, Jose L. Martinez; Strzelczak, Stanislaw / Architecture for Open, Knowledge-Driven Manufacturing Execution System.
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Research output: Scientific - peer-review › Conference contribution

Mantilla, R. M Fernanda; Nieto Lee, Angelica; Lastra, Jose L Martinez / Definition of key performance indicators for energy efficient assessment in the transport sector.
Research output: Scientific - peer-review › Conference contribution
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Karvonen, Matti; Heikkilä, Mikko; Tikkanen, Seppo; Linjama, Matti; Huhtala, Kalevi / Aspects of the energy consumption of a digital hydraulic power management system supplying a digital and proportional valve controlled multi actuator system.
Research output: Scientific - peer-review » Conference contribution

Martinez, Hector; Fabry, Thomas; Laukkanen, Seppo; Mattila, Jouni; Tabourot, Laurent / Augmented reality aiding collimator exchange at the LHC.
Research output: Scientific - peer-review » Article

Multanen, Petteri; Niiranen, Esko; Elo, Lauri; Rinkinen, Jari / Automaattinen öljyn epäpuhtauksien mittaus ja keskeiset standardit.
Research output: Professional » Conference contribution

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Research output: Scientific - peer-review » Article

Research output: Scientific - peer-review » Conference contribution

Heikkilä, Mikko; Karvonen, Matti; Linjama, Matti; Tikkanen, Seppo; Huhtala, Kalevi / Comparison of proportional control and displacement control using digital hydraulic power management system.
Research output: Scientific - peer-review » Conference contribution

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Research output: Scientific - peer-review » Conference contribution


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Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Viinikainen, Mikko; Tuominen, Janne; Alho, Pekka; Mattila, Jouni / Improving the performance of DTP2 bilateral teleoperation control system with haptic augmentation.
Research output: Scientific - peer-review › Article

Kreutzer, Joose; Kallio, Pasi / Integrated microfluidic culture environments for in vitro cell studies.
Research output: Scientific - peer-review › Conference contribution

Tiemerding, Tobias; Von Essen, Mathias; Diederichs, Claas; Kallio, Pasi; Fatikow, Sergey / Integrating Robotic Software Frameworks for Convenient Software Component Exchange in Micro- and Nanoscale Applications.
Research output: Scientific - peer-review › Conference contribution

Lu, Na; Dai, Pengfei; Gao, Anran; Väliaho, Jari; Kallio, Pasi; Wang, Yueling; Li, Tie / Label-Free and Rapid Electrical Detection of hTSH with CMOS-Compatible Silicon Nanowire Transistor Arrays.
Research output: Scientific - peer-review › Article
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Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Article

Jafary, Peyman; Repo, Sami; Koivisto, Hannu / Secure integration of the Home Energy Management System to the battery management system in the customer domain of the smart grid.
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

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Alho, Pekka; Mattila, Jouni / Software fault detection and recovery in critical real-time systems: An approach based on loose coupling.
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Melin, Joonas; Lauri, Mikko; Ritala, Risto / Stereo vision with consumer grade high resolution cameras for a micro air vehicle.
Research output: Scientific - peer-review › Conference contribution

Lauri, Mikko; Ritala, Risto / Stochastic control for maximizing mutual information in active sensing.
Research output: Scientific - peer-review › Conference contribution

Rauhamäki, Jari; Kuikka, Seppo / Strategies for Hazard Management Process.
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Article
Roinila, Tomi; Vilkkio, Matti; Sun, Jian / Broadband Methods for Online Grid Impedance Measurement. 

Research output: Scientific - peer-review › Conference contribution

Vehkaoja, Antti; Peltokangas, Mikko; Verho, Jarmo; Lekkala, Jukka / Combining the Information of Unconstrained Electrocardiography and Ballistography in the Detection of Night-Time Heart Rate and Respiration Rate. 

Research output: Scientific - peer-review › Article

Viinikainen, Mikko; Mattila, Jouni; Tuominen, Janne / Computer-Assisted Bilateral Teleoperation System for Water Hydraulic Manipulator. 

Research output: Scientific - peer-review › Conference contribution

Herranen, Mika (Inventor); Huhtala, Kalevi (Inventor); Virvalo, Tapio (Inventor) / Control arrangement of an electro-hydraulic gas exchange valve actuation system. 

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Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Linjama, Matti / Digitaalihydrauliikan seminaarin satoa Tampereella. 

Research output: Professional › Article

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Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Article

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Research output: Scientific - peer-review › Conference contribution

Huhtala, Kalevi / Pääkirjoitus: Tehokkuutta sitähän se kaikki on.
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Väyrynen, Jukka; Mattila, Jouni / Reliability requirements management for ITER Remote Handling maintenance systems.

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Hästbacka, David; Kuikka, Seppo / Semantics enhanced engineering and model reasoning for control application development.

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Rauhamäki, Jari; Rask, Outi; Kuikka, Seppo / Suunnittelumallien hyödyntäminen suunnittelutyössä ja oppimisessa.
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Conference contribution

Tuisku, Outi; Surakka, Veikko; Rantanen, Ville; Vanhala, Toni; Lekkala, Jukka / Text entry by gazing and smiling.
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