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Distributed pervasive services using group service communication supporting body area networks

Optical fiber amplifier with spectral compression elements for high-power laser pulse generation

Email intensity, productivity and control in the knowledge worker's performance on the desktop

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Smart home gateway system over Bluetooth low energy with wireless energy transfer capability

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Julkaisun otsikon käännös: : Estimation of GFP-tagged RNA numbers from temporal fluorescence intensity data

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A field experiment on gamification in a utilitarian peer-to-peer trading service

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Julkaisun otsikon käännös: : Pulsed high-power yellow-orange VECSEL

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Julkaisun otsikon käännös: : Semantic Labeling of Places based on Phone Usage Features using Supervised Learning

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Long-term epileptic EEG classification via 2D mapping and textural features

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Effect of surfactant type and sonication energy on the electrical conductivity properties of nanocellulose-CNT nanocomposite films

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Preface

Special Issue on 'New Hydraulic Components for Tough Robots'

Hand gesture-based on-line programming of industrial robot manipulators

Development of an England-wide indoor overheating and air pollution model using artificial neural networks

KPI-ML based integration of industrial information systems

How developers perceive smells in source code  
A replicated study

Architectural patterns for microservices  
A systematic mapping study

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

Patterns for serverless functions (Function-as-a-Service)  
A multivocal literature review

Positioning and Location-Aware Communications for Modern Railways with 5G New Radio

Detection of beat-to-beat intervals from wrist photoplethysmography in patients with sinus rhythm and atrial fibrillation after surgery

The assessment of constructability  
BIM cases

Digging deeper into egocentric gaze prediction

DNA Molecular Storage System  
Transferring Digitally Encoded Information through Bacterial Nanonetworks

Tuberculosis transmission  
Modelled impact of air-tightness in dwellings in the UK

Using building simulation to model the drying of flooded building archetypes

Summarization of User-Generated Sports Video by Using Deep Action Recognition Features

Real-time and Robust Collaborative Robot Motion Control with Microsoft Kinect © v2

Tree species classification using structural features derived from terrestrial laser scanning

Avoiding anomalies when modeling a many-to-many relationship in a multidimensional database

Computation of Dynamic Polarizabilities and van der Waals Coefficients from Path-Integral Monte Carlo

Lean manufacturing methods in simulation literature  
Review and association analysis

Experimenting traditional and modern reliability models in a 3-years european software project

NetBioV  
An R package for visualizing large network data in biology and medicine

sgnesR

An R package for simulating gene expression data from an underlying real gene network structure considering delay parameters

ICface

Interpretable and controllable face reenactment using GANs

Necessary and sufficient conditions for the existence of solution of generalized fuzzy relation equations  $A \Leftrightarrow X = B$

Dynamic social trust associations over d2d communications

An implementation perspective

A multi-purpose automated vehicular platform with multi-radio connectivity capabilities

UAV-Aided Interference Assessment for Private 5G NR Deployments

Challenges and Solutions

AvanTomography

A compact module for positron emission mammography

Continuous-wave optical parametric oscillators for mid-infrared spectroscopy

Dual Structured Convolutional Neural Network with Feature Augmentation for Quantitative Characterization of Tissue Histology

Mixed-integer linear programming approach for global discrete sizing optimization of frame structures

Challenges and capabilities of conductive polymeric materials for electromechanical stimulation of stem cells

A case study

High-power 1550 nm tapered DBR lasers fabricated using soft UV-nanoimprint lithography

1.3 $\mu$ m U-bend traveling wave SOA devices for high efficiency coupling to silicon photonics

Internet of Things

Opportunities for vocational education and training: Presentation of the pilot project

Linear accelerometers and rate gyros for rotary joint angle estimation of heavy-duty mobile manipulators using forward kinematic modeling

No-reference visual quality assessment for image inpainting

Depth map occlusion filling and scene reconstruction using modified exemplar-based inpainting

Combined local and global image enhancement algorithm

Action recognition using the 3D dense microblock difference



A Mixed Finite Element Method to Solve the EEG Forward Problem

HTML5-based mobile agents for Web-of-Things

Density functional theory study of transition metals doped  $B_{80}$  fullerene

Empowering Heterogeneous Communication Data Links in General Aviation through mmWave Signals

73-fs SESAM mode-locked Tm,Ho:CNGG laser at 2061 nm

CNN-based edge filtering for object proposals