

Motivating scholars' responses in academic social networking sites: An empirical study on ResearchGate Q&A behavior
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Research output: Contribution to journal › Article › Scientific › peer-review

Deliberate or Instinctive? Proactive and Reactive Coping for Technostress

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

Automatic word count estimation from daylong child-centered recordings in various language environments using language-independent syllabification of speech

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DevOps in practice: A multiple case study of five companies

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Research output: Contribution to journal › Editorial › Scientific

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

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MAST: Mask-accelerated shearlet transform for densely-sampled light field reconstruction

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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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Energy Efficiency of Multi-Radio Massive Machine-Type Communication (MR-MMTC): Applications, Challenges, and Solutions

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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

Socially inspired relaying and proactive mode selection in mmWave vehicular communications

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

Approximate robust output regulation of boundary control systems

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

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Effects of percutaneous transluminal angioplasty of superficial femoral artery on photoplethysmographic pulse transit times

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DGC-Net: Dense geometric correspondence network

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How do academics experience use of recorded audio feedback in higher education? A thematic analysis

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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

Towards detecting structural branching and cyclicity in graphs: A polynomial-based approach

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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

DNA Molecular Storage System: Transferring Digitally Encoded Information through Bacterial Nanonetworks

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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

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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

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

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

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

Focus model for metric depth estimation in standard plenoptic cameras

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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

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Molecular Communications Pulse-based Jamming Model for Bacterial Biofilm Suppression

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Intellectual capital and bi-tools in private healthcare value creation

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Inertial Sensor-Based State Estimation of Flexible Links Subject to Bending and Torsion

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

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

Role-based visualization of industrial IoT-based systems

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

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

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

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Ergodic Capacity Analysis of Wireless Transmission over Generalized Multipath/Shadowing Channels

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Optical Asymmetric Modulation for VLC Systems - Invited Paper

Marshoud, H., Muhaidat, S., Sofotasios, P. C., Imran, M., Sharif, B. S. & Karagiannidis, G. K., 20 Jul 2018, *2018 IEEE 87th Vehicular Technology Conference, VTC Spring 2018*. IEEE, p. 1-5 5 p.

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

Performance Analysis of Single Carrier Coherent and Noncoherent Modulation under I/Q Imbalance

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

Performance Evaluation of Coordinated Multipoint Transmission at 28 GHz Frequency Using 3D Ray Tracing

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

Ray-based evaluation of dual-polarized MIMO in (Ultra-)dense millimeter-wave urban deployments

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

Effects of blockage in deploying mmWave drone base stations for 5g networks and beyond

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

Modeling and cancellation of self-interference in full-duplex radio transceivers: Volterra series-based approach

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Optimizing wirelessly powered crowd sensing: Trading energy for data

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

Cybersecurity Attacks and Defences for Unmanned Smart Ships

Silverajan, B., Ocaik, M. & Nagel, B., 1 Jul 2018, *Proceedings - IEEE 2018 International Congress on Cybermatics: 2018 IEEE Conferences on Internet of Things, Green Computing and Communications, Cyber, Physical and Social Computing, Smart Data, Blockchain, Computer and Information Technology, iThings/GreenCom/CPSCoM/SmartData/Blockchain/CIT 2018*. IEEE, p. 15-20 6 p.

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

Secure Firmware Updates for IoT: A Survey

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

Wireless Communications for Optogenetics-Based Brain Stimulation: Present Technology and Future Challenges

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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

Caching-Aided Collaborative D2D Operation for Predictive Data Dissemination in Industrial IoT

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

Last Meter Indoor Terahertz Wireless Access: Performance Insights and Implementation Roadmap

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PIVO: Probabilistic inertial-visual odometry for occlusion-robust navigation

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

Preface: Special Issue on 'New Hydraulic Components for Tough Robots'

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The effect of percutaneous transluminal angioplasty of superficial femoral artery on pulse wave features

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Generic platform for manufacturing execution system functions in knowledge-driven manufacturing systems

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

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Technologies for Efficient Amateur Drone Detection in 5G Millimeter-Wave Cellular Infrastructure

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Ultra-large mode area single frequency anisotropic MOPA with double clad Yb-doped tapered fiber

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A Primal Neural Network for Online Equality-Constrained Quadratic Programming

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Architectural patterns for microservices: A systematic mapping study

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Blind estimation of white Gaussian noise variance in highly textured images

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Effect of paint baking treatment on the properties of press hardened boron steels

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Highly-efficient Ho:KY(WO₄)₂ thin-disk lasers at 2.06 μm

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How to design gamification? A method for engineering gamified software

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

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Knowledge-based artificial neural network (KB-ANN) in engineering: Associating functional architecture modeling, dimensional analysis and causal graphs to produce optimized topologies for KB-ANNs

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Methods and tools for denoising of complex-valued images based on block-matching and high order singular value decomposition

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

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Transmit Power Optimization and Feasibility Analysis of Self-backhauling Full-Duplex Radio Access Systems

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DoGlycans-Tools for Preparing Carbohydrate Structures for Atomistic Simulations of Glycoproteins, Glycolipids, and Carbohydrate Polymers for GROMACS

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The Effect of Ultrasonic Dispersion on the Surface Chemistry of Carbon Nanotubes in the Jeffamine D-230 Polyetheramine Medium

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Mobility aware eMBMS management in urban 5G-oriented systems

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Monitoring pH, temperature and humidity in long-term stem cell culture in CO₂ incubator

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Novel D2D-based relaying method for multicast services over 3GPP LTE-A systems

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

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