Humaloja, J-P & Paunonen, L 2018, ‘Robust Regulation of Infinite-Dimensional Port-Hamiltonian Systems’ IEEE Transactions on Automatic Control, Vuosikerta 63, Nro 5. DOI: 10.1109/TAC.2017.2748055


Leppänen, L, Leinonen, J, Ihantola, P & Hellas, A 2017, Predicting academic success based on learning material usage. julkaisussa SIGITE 2017 - Proceedings of the 18th Annual Conference on Information Technology Education. ACM, Sivut 13-18, ANNUAL CONFERENCE ON INFORMATION TECHNOLOGY EDUCATION, 1/01/00. DOI: 10.1145/3125659.3125695


Vorwerk, J, Engwer, C, Pursiainen, S & Wolters, CH 2017, 'A Mixed Finite Element Method to Solve the EEG Forward Problem.' IEEE Transactions on Medical Imaging, Vuosikerta 36, Nro 4, 7731161, Sivut 930-941. DOI: 10.1109/TMI.2016.2624634


Mattila, J, Semini, C, Moon, H, Buchli, J, Hyon, S, Li, PY & Yao, B 2017, 'Guest editorial introduction to the focused section on design and control of hydraulic robots.' IEEE - ASME Transactions on Mechatronics, Vuosikerta 22, Nro 2, Sivut 585-588. DOI: 10.1109/TMECH.2017.2668611

Petrov, V, Komarov, M, Moltchanov, D, Jornet, JM & Koucheryavy, Y 2017, 'Interference and SINR in Millimeter Wave and Terahertz Communication Systems With Blocking and Directional Antennas.' IEEE Transactions on Wireless Communications, Vuosikerta 16, Nro 3, Sivut 1791-1808. DOI: 10.1109/TWC.2017.2654351


Chaudhary, S, Berki, E, Nykänen, P, Zolotavkin, Y, Helenius, M & Kela, J 2017, Towards a conceptual framework for privacy protection in the use of interactive 360° video surveillance. In 22nd International Conference on Virtual System & Multimedia (VSMM). IEEE, INTERNATIONAL CONFERENCE ON VIRTUAL SYSTEMS AND MULTIMEDIA, 1/01/00. DOI: 10.1109/VSMM.2016.7863179

Siiskonen, A & Priimägi, A 2017, 'Benchmarking DFT methods with small basis sets for the calculation of halogen-bond strengths.' Journal of Molecular Modeling, Vuosikerta 23, Nro 2, 50. DOI: 10.1007/s00894-017-3212-4


Youvalari, RG, Aminlou, A, Hannuksela, MM & Gabboj, M 2017, Efficient coding of 360-degree pseudo-cylindrical panoramic video for virtual reality applications. In 2016 IEEE International Symposium on Multimedia (ISM). IEEE, Sivut 525-528, IEEE INTERNATIONAL SYMPOSIUM ON MULTIMEDIA, 1/01/00. DOI: 10.1109/ISM.2016.74


Pursiainen, S, Agsten, B, Wagner, S & Wolters, CH 2017, 'Advanced boundary electrode modeling for tES and parallel tES/EEG' *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, Vuosikerta 26, Nro 1, Sivut 37-44. DOI: 10.1109/TNSRE.2017.2748930


Wu, D, Coatanea, E & Wang, GG 2017, Dimension reduction and decomposition using causal graph and qualitative analysis for aircraft concept design optimization. *43rd Design Automation Conference*. The American Society of Mechanical Engineers ASME, 1/01/00. DOI: 10.1115/DETC201767601


Jumisko-Pyykkö, S, Pesonen, E & Väätäjä, H 2016, Temporal dimensions of affect in user experience of digital news in the field. in *AcademicMindtrek '16 Proceedings of the 20th International Academic Mindtrek Conference*. ACM, Sivut 192-197, MINDTREK CONFERENCE, 1/01/00. DOI: 10.1145/2994310.2994370


Viehrig, M, Tuukkanen, S & Kallio, P 2016, Challenges and capabilities of conductive polymeric materials for electromechanical stimulation of stem cells: A case study. in *International Conference on Manipulation, Automation and Robotics at Small Scales, MARSS 2016*. Institute of Electrical and Electronics Engineers Inc., 1/01/00. DOI: 10.1109/MARSS.2016.7561744


Andreev, S, Galinina, O, Pyattaev, A, Hosek, J, Masek, P, Yanikomeroglu, H & Koucheryavy, Y 2016, 'Exploring synergy between communications, caching, and computing in 5G-grade deployments' in *IEEE Communications Magazine*, Vuosikerta 54, Nro 8, Sivut 60-69. DOI: 10.1109/MCOM.2016.7537178

Ometov, A, Orsino, A, Militano, L, Moltchanov, D, Araniti, G, Olshannikova, E, Fodor, G, Andreev, S, Olsson, T, Iera, A, Torsner, J, Koucheryavy, Y & Mikkonen, T 2016, 'Toward trusted, social-aware D2D connectivity: Bridging across the technology and sociality realms' in *IEEE Wireless Communications*, Vuosikerta 23, Nro 4, Sivut 103-111. DOI: 10.1109/MWC.2016.7553033


Pyattaev, A, Johnsson, K, Andreev, S & Koucheryavy, Y 2016, A novel stochastic channel modeling approach for mmWave systems with beamforming. In 2016 IEEE 83rd Vehicular Technology Conference (VTC Spring). IEEE VEHICULAR TECHNOLOGY CONFERENCE, 1/01/00. DOI: 10.1109/VTCSpring.2016.7504091

Xing, H & Renfors, M 2016, Multi-carrier CDMA for network assisted device-to-device communications for an integrated OFDMA cellular system. In 2016 IEEE 83rd Vehicular Technology Conference (VTC Spring). IEEE VEHICULAR TECHNOLOGY CONFERENCE, 1/01/00. DOI: 10.1109/VTCSpring.2016.7504354


Emmert-Streib, F, Dehmer, M & Shi, Y 2016, 'Fifty years of graph matching, network alignment and network comparison' Information Sciences, Vuosikerta 346-347, Sivut 180-197. DOI: 10.1016/j.ins.2016.01.074


Hästbacka, D & Zott, A 2016, Towards semantic self-description of industrial devices and control system interfaces. In 2016 IEEE International Conference on Industrial Technology (ICIT). Institute of Electrical and Electronics Engineers IEEE, Sivut 879-884, IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL TECHNOLOGY, 1/01/00. DOI: 10.1109/ICIT.2016.7474867


Abdelaziz, M, Fu, Z, Antilla, L, Wyglinski, AM & Valkama, M 2016, 'Digital predistortion for mitigating spurious emissions in spectrally agile radios' IEEE Communications Magazine, Vuosikerta 54, Nro 3, Sivut 60-69. DOI: 10.1109/MCOM.2016.7432149


Ropo, M, Schneider, M, Baldauf, C & Blum, V 2016, 'First-principles data set of 45,892 isolated and cation-coordinated conformers of 20 proteinogenic amino acids' Scientific Data, Vuosikerta 3, 160009. DOI: 10.1038/sdata.2016.9

Tokola, H, Niemi, E & Väistö, V 2016, Lean manufacturing methods in simulation literature: Review and association analysis. julkaisussa 2015 Winter Simulation Conference (WSC). Sivut 2239-2248, WINTER SIMULATION CONFERENCE, 1/01/00. DOI: 10.1109/WSC.2015.7408336

Balasubramaniam, S, Jornet, JM, Pierobon, M & Koucheryavy, Y 2016, 'Guest editorial special issue on the internet of nano things' IEEE Internet of Things Journal, Vuosikerta 3, Nro 1, Sivut 1-3. DOI: 10.1109/IJOI.2016.2516838


Afolaranmi, SO, Gonzalez Moctezuma, LE, Rak, M, Casola, V, Rios, E & Martinez Lastra, JL 2016, Methodology to obtain the security controls in multi-cloud applications. julkaisussa CLOSER 2016 - Proceedings of the 6th International Conference on Cloud Computing and Services Science. Vuosikerta. 1, SCITEPRESS, Sivut 327-332, INTERNATIONAL CONFERENCE ON CLOUD COMPUTING AND SERVICES SCIENCE, 1/01/00. DOI: 10.5220/0005912603270332

Mesaros, A, Heittola, T & Virtanen, T 2016, 'Metrics for polyphonic sound event detection' Applied Sciences, Vuosikerta 6, Nro 6, 162. DOI: 10.3390/app6060162

Fotiadi, AA, Korobko, DA, Okhotnikov, OG & Zolotovskii, IO 2016, Optical fiber amplifier with spectral compression elements for high-power laser pulse generation. julkaisussa Nonlinear Optics and its Applications IV. Vuosikerta. 9894, 989411, Proceedings of SPIE, Vuosikerta. 9894, SPIE, 1/01/00. DOI: 10.1117/12.2223637


Koivumäki, J & Mattila, J 2015, 'Stability-Guaranteed Force-Sensorless Contact Force/Motion Control of Heavy-Duty Hydraulic Manipulators' IEEE Transactions on Robotics, Vuosikerta 31, Nro 4, Sivut 918-935. DOI: 10.1109/TRO.2015.2441492


Naumenko, VV, Solodovnik, VF, Totsky, AV, Zelensky, AA & Astola, JT 2015, Experimental study of bispectrum-based encoding in radio communication system. In Juliussa 2015 International Conference on Antenna Theory and Techniques: Dedicated to 95 Year Jubilee of Prof. Yakov S. Shifrin, ICATT 2015 - Proceedings. The Institute of Electrical and Electronics Engineers, Inc. International Conference on Antenna Theory and Techniques, 1/01/00. DOI: 10.1109/ICATT.2015.7136853

Saintsing, CD, Yu, K, Qi, HJ & Tentzeris, M 2015, 'Planar monopole antennas on substrates fabricated through an additive manufacturing process' IEEE Radio and Wireless Symposium, RWS, Vuosikerta 2015-June, Nro June, 7129744, Sivut 159-161. DOI: 10.1109/RWS.2015.7129744


Paunonen, L 2015, 'Designing controllers with reduced order internal models' IEEE Transactions on Automatic Control, Vuosikerta 60, Nro 3, 6826480, Sivut 775-780. DOI: 10.1109/TAC.2014.2329212


Pyattaev, A, Johnsson, K, Andreev, S & Koucheryavy, Y 2015, 'Communication challenges in high-density deployments of wearable wireless devices' IEEE Wireless Communications, Vuosikerta 22, Nro 1, Sivut 12-18. DOI: 10.1109/MWC.2015.7054714


Häkkinen, A & Ribeiro, AS 2015, 'Estimation of GFP-tagged RNA numbers from temporal fluorescence intensity data' Bioinformatics, Vuosikerta 31, Nro 1, Sivut 69-75. DOI: 10.1093/bioinformatics/btu592

Yunas, S, Valkama, M & Niemelä, J 2015, 'Spectral and energy efficiency of ultra-dense networks under different deployment strategies' IEEE Communications Magazine, Vuosikerta 53, Nro 1, Sivut 90-100. DOI: 10.1109/MCOM.2015.7010521


Pertilä, P & Nikunen, J 2015, 'Distant speech separation using predicted time-frequency masks from spatial features' *Speech Communication*, Vuosikerta 68, Sivut 97-106. DOI: 10.1016/j.specom.2015.01.006


Korpijärvi, V-M, Kantola, EL, Leinonen, T & Guina, M 2015, Monolithic GainNAsSb/GaAs VECSEL emitting at 1550 nm. *SPIE conference proceedings*. Vuosikerta. 9349, 93490D, SPIE, Iso-Britannia, 1/01/15. DOI: 10.1117/12.2077517


Rahmatallah, Y, Emmert-Streib, F & Glazko, G 2014, 'Comparative evaluation of gene set analysis approaches for RNA-Seq data' BMC Bioinformatics, Vuosikerta 15, Nro 1, 397. DOI: 10.1186/s12859-014-0397-8


Dehmer, M, Emmert-Streib, F & Grabner, M 2014, 'A computational approach to construct a multivariate complete graph invariant' Information Sciences, Vuosikerta 260, Sivut 200-208. DOI: 10.1016/j.ins.2013.11.008


Liuhanen, S, Sallisalmi, M, Pettilä, V, Oksala, N & Tenhunen, J 2013, 'Indirect measurement of the vascular endothelial glycocalyx layer thickness in human submucosal capillaries with a plug-in for ImageJ' Computer Methods and Programs in Biomedicine, Vuosikerta 110, Nro 1, Sivut 38-47. DOI: 10.1016/j.cmpb.2012.10.019


Sudusinghe, K, Won, S, Van Der Schaar, M & Bhattacharyya, S 2013, A novel framework for design and implementation of adaptive stream mining systems. julkaisussa 2013 IEEE International Conference on Multimedia and Expo, ICME 2013, 6607565, San Jose, CA, Yhdysvallat, 15/07/13. DOI: 10.1109/ICME.2013.6607565


Helminen, J, Ihantola, P, Karavirta, V & Alaoutinen, S 2013, How do students solve parsons programming problems? - Execution-based vs. line-based feedback. julkaisussa Proceedings - 2013 Learning and Teaching in Computing and Engineering, LaTiCE 2013, 6542239, Sivut 55-61, Macau, Macao, 21/03/13. DOI: 10.1109/LaTiCE.2013.26


Iosifidis, A, Tefas, A & Pitas, I 2013, 'Multidimensional sequence classification based on fuzzy distances and discriminant analysis' IEEE Transactions on Knowledge and Data Engineering, Vuosikerta 25, Nro 11, Sivut 2564-2575. DOI: 10.1109/TKDE.2012.223


Atakan, B, Akan, OB & Balasubramaniam, S 2012, 'Body area nanonetworks with molecular communications in nanomedicine.' IEEE Communications Magazine, Vuosikerta 50, Nro 1, 6122529, Sivut 28-34. DOI: 10.1109/MCOM.2012.6122529


Evreinova, TV, Evreinov, G & Raisamo, R 2012, 'Evaluation of effectiveness of the stickgrip device for detecting the topographic heights on digital maps' INTERNATIONAL JOURNAL OF COMPUTER SCIENCE AND APPLICATIONS, Vuosikerta 9, Nro 3, Sivut 61-76.

Gizatdinova, Y, Spakov, Ū & Surakka, V 2012, Face typing: Vision-based perceptual interface for hands-free text entry with a scrollable virtual keyboard. julkaissussa 2012 IEEE Workshop on the Applications of Computer Vision, WACV 2012., 6162997, Sivut 81-87, Breckenridge, CO, Yhdysvallat, 9/01/12. DOI: 10.1109/WACV.2012.6162997


Ozbay, E, Bulu, I & Caglayan, H 2006, Labyrinth based left-handed metamaterials and sub-wavelength focusing of electromagnetic waves. julkaisussa Photonic Crystal Materials and Devices IV. Vuosikerta. 6128, 612813, Proceedings of SPIE, Vuosikerta. 6128, San Jose, CA, Yhdysvallat, 23/01/06. DOI: 10.1117/12.649548


Emmert-Streib, F, Dehmert, M & Kilian, J 2005, Classification of large graphs by a local tree decomposition. julkaisussa Proceedings of the 2005 International Conference on Data Mining, DMIN'05. Sivut 200-207, Las Vegas, NV, Yhdysvallat, 20/06/05.
