
Research output: Scientific - peer-review › Article


Research output: Scientific - peer-review › Conference contribution


Research output: Scientific › Digital or Visual Products

Nurminen, Henri; Piche, Robert; Godsill, Simon / Gaussian flow sigma point filter for nonlinear Gaussian state-space models. 20th International Conference on Information Fusion: 10-13 July 2017, Xi'an, China. 2017.

Research output: Scientific - peer-review › Conference contribution


Research output: Scientific - peer-review › Article


Research output: Scientific › Paper, poster or abstract


Research output: Scientific - peer-review › Conference contribution


Research output: Scientific - peer-review › Conference contribution

Rantanen, Ville; Ilves, Mirja; Vehkaoja, Antti; Kontunen, Anton; Lylykangas, Jani; Mäkelä, Eeva; Rautiainen, Markus; Surakka, Veikko; Lekkala, Jukka / A survey on the feasibility of surface EMG in facial pacing. 2016 IEEE 38th Annual International Conference of the Engineering in Medicine and Biology Society (EMBC). Lake Buena Vista (Orlando), Florida, USA : IEEE, 2016. p. 1688-1691.

Research output: Scientific - peer-review › Conference contribution


Research output: Scientific - peer-review › Conference contribution


Research output: Scientific - peer-review › Conference contribution


Research output: Scientific - peer-review › Article
Koivisto, Mike; Nurminen, Henri; Ali-Löytty, Simo; Piche, Robert / Graph-Based Map Matching for Indoor Positioning. 10th International Conference on Information, Communications and Signal Processing (ICICS). IEEE, 2015. Research output: Scientific - peer-review › Conference contribution


Kartasalo, Kimmo; Polonen, Risto-Pekka; Ojala, Marisa; Rasku, Jyrki; Lekkala, Jukka; Aalto-Setälä, Katriina; Kallio, Pasi / CytoSpectre : A tool for spectral analysis of oriented structures on cellular and subcellular levels. In: BMC Bioinformatics, Vol. 16, No. 1, 344, 26.10.2015. Research output: Scientific - peer-review › Article


Takalo, Reijo; Hytti, Heli; Ihalainen, Heimo; Sohlberg, Antti / Adaptive autoregressive model for reduction of noise in SPECT.
Research output: Scientific - peer-review › Article

Salpavaara, Timo; Ellä, Ville; Kellomäki, Minna; Lekkala, Jukka / Biodegradable passive resonance sensor: Fabrication and initial testing.
Research output: Scientific - peer-review › Conference contribution

Kumpumäki, Teemu; Ruusuvuori, Pekka; Kangasniemi, Ville; Lipping, Tarmo / Data-Driven Approach to Benthic Cover Type Classification Using Bathymetric LiDAR Waveform Analysis.
Research output: Scientific - peer-review › Article

Pertilä, Pasi; Nikunen, Joonas / Distant speech separation using predicted time-frequency masks from spatial features.
Research output: Scientific - peer-review › Article

Vehkaoja, Antti; Kontunen, Anton; Lekkala, Jukka / Effects of sensor type and sensor location on signal quality in bed mounted ballistocardiographic heart rate and respiration monitoring.
Research output: Scientific - peer-review › Conference contribution

Piche, Robert Adrien / Mezhdunarodnaya konferencia po poziccionirovaniyu i navigacii vnuti pomeshchenij.
Research output: Scientific › Article

Nurminen, Henri; Koivisto, Mike; Ali-Löytty, Simo; Piche, Robert / Motion Model for Positioning with Graph-Based Indoor Map.
Research output: Scientific - peer-review › Conference contribution

Davidson, Pavel; Kirkko-Jaakkola, Martti; Collin, Jussi; Takala, Jarmo / Navigation Algorithm Combining Building Plans With Autonomous Sensor Data.
Research output: Scientific - peer-review › Article

Melin, Joonas; Ritala, Risto / Novel Method For Online Stereo Self-Calibration.
XXI IMEKO World Congress "Measurements In Research and Industry". 2015.
Research output: Scientific - peer-review › Conference contribution

Oksa, Petri; Loula, Pekka; Alapaholuoma, Teemu / OpenCRP Ecosystem Demonstration Platform.
Research output: Scientific - peer-review › Article

Mettänen, Marja; Melin, Joonas; Ihalainen, Heimo / Photometric stereo system for detailed analysis of material surfaces.
IMEKO XXI World Congress, Measurement in Research and Industry, Proceedings, August 30 - September 4, 2015, Prague, Czech Republic. 2015.
Research output: Scientific - peer-review › Conference contribution
Mikola, Annika; Ratsep, Indrek; Särkelä, Mika; Lipping, Tarmo / 
Prediction of Outcome in Traumatic Brain Injury Patients Using Long-term qEEG Features.
Research output: Scientific - peer-review › Conference contribution

Belyaev, Evgeny; Vinel, Alexey; Surak, Adam; Gabbouj, Moncef; Jonsson, Magnus; Egiazarian, Karen / 
Robust vehicle-to-infrastructure video transmission for road surveillance applications.
Research output: Scientific - peer-review › Article

Tikkanen, Tuomas; Ruusuvuori, Pekka; Latonen, Leena; Huttunen, Heikki / 
Training based cell detection from bright-field microscope images.
Research output: Scientific - peer-review › Conference contribution

Kumpumäki, Teemu; Lipping, Tarmo / 
Transformation and Texture Based Features in Terrasar-X Data Classification for Environmental Monitoring.
Research output: Scientific - peer-review › Conference contribution

Eteläaho, Anna; Kumpumäki, Teemu ; Turunen, Jari; Lipping, Tarmo; Nummela, Anne / Wind-farm Visualization in Western Finland.
Research output: Scientific - peer-review › Article

Paavolainen, Lassi; Acar, Erman; Tuna, Uygar; Peltonen, Sarı; Moriya, Toshio; Soonsawad, Pan; Marjomaki, Varpu; Cheng, R. Holland; Ruotsalainen, Ulla / 
Compensation of Missing Wedge Effects with Sequential Statistical Reconstruction in Electron Tomography.
Research output: Scientific - peer-review › Article

Belyaev, Evgeny; Georgiev, Mihail; Egiazarian, Karen; Gabbouj, Moncef / 
A combined DCT/DWT asymmetric multi-view video coding for real-time applications.
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Belyaev, Evgeny / 
Adaptive Window Size Selection for Efficient Probability Estimation in Binary Range Coder of the 3-D DWT Video Codec.
Research output: Scientific - peer-review › Conference contribution

Homayouni, Maryam; Aflaki Beni, Payman; Hannuksela, Miska; Gabbouj, Moncef / Asymmetric Luminance Based Filtering for Stereoscopic Video Compression.
Research output: Scientific - peer-review › Conference contribution
Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Conference contribution

Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution

Jonsson, Magnus (Editor); Vinel, Alexey (Editor); Bellalta, Boris (Editor); Belyaev, Evgeniy (Editor) / Multiple Access Communications, 7th International Workshop, MACOM 2014, Halmstad, Sweden, August 27-28, 2014, Proceedings. Halmstad, Sweden : Springer International Publishing, 2014. 137 p. (Lecture Notes in Computer Science; Vol. 8715).
Research output: Scientific - peer-review › Anthology

Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Article
Research output: Scientific - peer-review › Conference contribution

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Research output: Scientific - peer-review › Article

Research output: Scientific - peer-review › Conference contribution