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<i>Sparse-Low Rank Matrix Decomposition Framework for Identifying Potential Biomarkers for Inflammatory Bowel Disease</i> Mustafa Shawaqfeh (Texas A&M University, USA), Ahmad Al Kawam (Texas A&M University, USA), Erchin Serpedin (Texas A&M University, USA)	1882
<i>Reconstructing the Forest of Lineage Trees of Diverse Bacterial Communities Using Bio-inspired Image Analysis</i> Athanasios D. Balomenos (National and Kapodistrian University of Athens, Greece), Elias S. Manolakos (National and Kapodistrian University of Athens, Greece)	1887
<i>Your Gaze Betrays Your Age</i> Olivier Le Meur (University of Rennes 1, France), Antoine Coutrot (University College London, United Kingdom (Great Britain)), Zhi Liu (Shanghai University, P.R. China), Adrien Le Roch (IRISA, France), Andrea Hello (University Paris Descartes, France), Pia Rämä (University Paris Descartes, France)	1892
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<i>Image Coding Based on Patch-Driven Inpainting</i> Nuno Couto (Instituto Superior Técnico - Instituto de Telecomunicações & Universidade de Lisboa, Portugal), Matteo Naccari (Instituto de Telecomunicações, Portugal), Fernando Pereira (Instituto Superior Técnico - Instituto de Telecomunicações & Universidade de Lisboa, Portugal)	1902
<i>MicroLens Image Sparse Modelling for Lossless Compression of Plenoptic Camera Sensor Images</i> Ioan Tabus (Tampere University of Technology, Finland), Petri Helin (Tampere University of Technology, Finland)	1907
<i>A Preprocessing Technique for Improving the Compression Performance of JPEG 2000 for Images with Sparse or Locally Sparse Histograms</i> Souha Jallouli (National Engineering School of Sfax, Tunisia), Sonia Zouari (Sfax Preparatory Engineering Institute, Tunisia), Atef Masmoudi (Sfax Preparatory Engineering Institute, Tunisia), William Puech (LIRMM, France), Nouri Masmoudi (ENIS, University of Sfax, Tunisia)	1912
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<i>Two-layer Tracking for Occlusion Handling and Inter-sensor Identification in Multiple Depth Sensors-based Object Detection and Tracking</i> Houari Sabirin (KDDI Research, Inc., Japan), Sei Naito (KDDI R&D Laboratories, Japan)	1922

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<i>Multi-Doppler Resolution Automotive Radar</i> Oded Bialer (University of Tel-Aviv, Israel), Sammy Kolpinizki (Tel Aviv University & General Motors ATCI, Israel)	1937
<i>Multivariate Change Detection on High Resolution Monovariate SAR Image Using Linear Time-Frequency Analysis</i> Ammar Mian (SONDRA, CentraleSupélec & LISTIC, Université Savoie Mont-Blanc, France), Jean-Philippe Ovarlez (ONERA, France), Guillaume Ginolhac (Université de Savoie & LISTIC, France), Abdourrahmane M. Atto (LISTIC, Université Savoie Mont Blanc, France)	1942
<i>Data-Driven Method of Reverse Modelling for Multi-Function Radar</i> Jian Ou (National University of Defense Technology, P.R. China), Yongguang Chen (Beijing Institute of Tracking & Telecommunications Technology, P.R. China), Zhao Feng (National University of Defense Technology, P.R. China), Xiaofeng Ai (National University of Defense Technology, P.R. China), Jianhua Yang (National University of Defense Technology, P.R. China)	1947
<i>Optimal Design of Sparse MIMO Arrays for Near-Field Ultrawideband Imaging</i> Mehmet Kocamis (Middle East Technical University, Turkey), Figen S Oktem (Middle East Technical University, Turkey)	1952
<i>Design of Multi-Carrier MIMO Radar Array for DOA Estimation</i> Michael Ulrich (University of Stuttgart, Germany), Yinglai Yang (University of Stuttgart, Germany), Bin Yang (University of Stuttgart, Germany)	1957
<i>Spectrum Reconstruction with Nonuniform Fast Fourier Transform for MIMO SAR Azimuth Nonuniform Sampling</i> Guanhua Zhao (National University of Defense Technology, P.R. China), Fu Yaowen (National University of Defense Technology, P.R. China), Lei Nie (National University of Defense Technology, P.R. China), Wenpeng Zhang (National University of Defense Technology, P.R. China), Zhaowen Zhuang (National University of Defense Technology, P.R. China)	1962

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<i>Projector's Weighting for W-MUSIC: An Alternative to RMT</i> Anne Ferréol (Thales Communications, France), Pascal Larzabal (ENS-Cachan, PARIS, France)	1966
<i>Refinement of Time-Difference-Of-Arrival Measurements via Rank Properties in Two-Dimensional Space</i> Trung-Kien Le (National Institute of Informatics, Japan), Nobutaka Ono (National Institute of Informatics, Japan)	1971
<i>Sparse Linear Nested Array for Active Sensing</i> Robin Rajamäki (Aalto University, Finland), Visa Koivunen (Aalto University, Finland)	1976
<i>Near-Optimal Greedy Sensor Selection for MVDR Beamforming with Modular Budget Constraint</i> Mario Coutino (Delft University of Technology, The Netherlands), Sundeep Prabhakar Chepuri (Delft University of Technology, The Netherlands), Geert Leus (Delft University of Technology, The Netherlands)	1981
<i>Gridless Compressed Sensing for Fully Augmentable Arrays</i> Wassim Suleiman (TU Darmstadt & Institut für Nachrichtentechnik, Germany), Christian Steffens (Technische Universität Darmstadt, Germany), Alexander Sorg (Technische Universität Darmstadt, Germany), Marius Pesavento (Technische Universität Darmstadt & Merckstr. 25, Germany)	1986

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<i>Frequency Domain Multipath Fading Channel Simulator Integrated with OFDM Transmitter for E-UTRAN Baseband Traffic Generator</i> Grzegorz Cisek (Nokia & AGH University of Science and Technology, Poland), Tomasz P. Zielinski (AGH University of Science and Technology, Poland)	1991
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<i>Optimal Compression of Vibration Data with Lifting Wavelet Transform and Context-based Arithmetic Coding</i>	
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Óscar Fresnedo (University of A Coruña, Spain), Pedro Suárez-Casal (University of A Coruña, Spain), Luis Castedo (University of A Coruña, Spain), Javier Garcia-Frias (University of Delaware, USA)	2001
<i>Simplified Analysis of HARQ Cooperative Networks Using Finite-State Markov Chains</i>	
Faton Maliqi (L2S-CNRS-CentraleSupélec-University of Paris Sud, France), Francesca Bassi (LSS-CNRS-Supelec, France), Pierre Duhamel (Lss Supélec & CNRS, France), Ilir Limani (University of Prishtina, Faculty of Electrical and Computer Engineering, Kosovo)	2006
<i>Spatial Peak Power Minimization for Relaxed Phase M-PSK MIMO Directional Modulation Transmitter</i>	
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