

Jian Qiu Zhang

List of Publications by Year in descending order

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papers

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all docs

35
docs citations

35
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	A Wavelet-Based Multisensor Data Fusion Algorithm. IEEE Transactions on Instrumentation and Measurement, 2004, 53, 1539-1545.	4.7	59
2	A quantitative method for evaluating the performances of hyperspectral image fusion. IEEE Transactions on Instrumentation and Measurement, 2003, 52, 1041-1047.	4.7	47
3	A Tensor-Based Approach to L-Shaped Arrays Processing With Enhanced Degrees of Freedom. IEEE Signal Processing Letters, 2018, 25, 1-5.	3.6	39
4	Fast Quantitative Correlation Analysis and Information Deviation Analysis for Evaluating the Performances of Image Fusion Techniques. IEEE Transactions on Instrumentation and Measurement, 2004, 53, 1441-1447.	4.7	35
5	Robust and Accurate Object Tracking Under Various Types of Occlusions. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 223-236.	8.3	35
6	Automatic Detection of Standard Sagittal Plane in the First Trimester of Pregnancy Using 3-D Ultrasound Data. Ultrasound in Medicine and Biology, 2017, 43, 286-300.	1.5	24
7	Geometric Algebra of Euclidean 3-Space for Electromagnetic Vector-Sensor Array Processing, Part I: Modeling. IEEE Transactions on Antennas and Propagation, 2010, 58, 3961-3973.	5.1	20
8	A Novel Scheme for the Design of Approximate Hilbert Transform Pairs of Orthonormal Wavelet Bases. IEEE Transactions on Signal Processing, 2008, 56, 2289-2297.	5.3	17
9	Complementary Color Wavelet: A Novel Tool for the Color Image/Video Analysis and Processing. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 12-27.	8.3	13
10	Detecting the Blockage of the Sensing Lines of a Differential-Pressure Flow Sensor in a Dynamic Process Using Wavelet Transform Techniques. IEEE Transactions on Instrumentation and Measurement, 2006, 55, 1443-1448.	4.7	10
11	Hypercomplex Model of Acoustic Vector Sensor Array with Its Application for the High Resolution Two Dimensional Direction of Arrival Estimation. , 2008, , .		10
12	A Globally Optimal Bilinear Programming Approach to the Design of Approximate Hilbert Pairs of Orthonormal Wavelet Bases. IEEE Transactions on Signal Processing, 2010, 58, 233-241.	5.3	9
13	Mode- \mathcal{R} Subspace Projection of a Tensor for Multidimensional Harmonic Parameter Estimations. IEEE Transactions on Signal Processing, 2013, 61, 3002-3014.	5.3	8
14	Deep Feature Extraction Based on Siamese Network and Auto-Encoder for Hyperspectral Image Classification. , 2019, , .		8
15	A Novel PARAFAC Model for Processing the Nested Vector-Sensor Array. Sensors, 2018, 18, 3708.	3.8	7
16	A New Penalized Recursive Least Squares Method With a Variable Regularization Factor for Adaptive Sparse Filtering. IEEE Access, 2018, 6, 31828-31839.	4.2	5
17	The nonlinear multi-target multi-bernoulli filter using polynomial interpolation. , 2010, , .		4
18	Semi-Supervised Classification for Hyperspectral Images Using Edge-Conditioned Graph Convolutional Networks. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	An Alternating Bayesian Approach to PARAFAC Decomposition of Tensors. IEEE Access, 2018, 6, 36487-36499.	4.2	3
20	Hypercomplex principle component weighted approach to multiplespectral and panchromatic images Fusions. , 2007, , .		2
21	The polynomial predictive Gaussian mixture MeMber filter. , 2010, , .		2
22	Biased Kalman filter. , 2011, , .		2
23	A Hessian plate filter and shape feature-based approach to automatically localizing the NT VOI of 3D ultrasound data. Computer Assisted Surgery, 2016, 21, 83-91.	1.3	2
24	A Sparse Model of Guided Wave Tomography for Corrosion Mapping in Structure Health Monitoring Applications. Applied Sciences (Switzerland), 2019, 9, 3126.	2.5	2
25	An Unscented Kalm an Filter-Based MultisensorTrack Fusion Algorithm. , 0, , .		1
26	The Gaussian sum convolution probability hypothesis density filter. , 2008, , .		1
27	CDF-KF algorithm for conditionally linear Gaussian state space models. , 2010, , .		1
28	The polynomial predictive particle filter. , 2010, , .		1
29	Matrix Polynomial Predictive Model: A New Approach to Accelerating the PARAFAC Decomposition. IEEE Access, 2019, 7, 91872-91884.	4.2	1
30	A wavelet-based method for the measuring particulate velocity by an active electrostatic sensor. , 0, , .		0
31	Detecting the Blockage of the Sensing-lines of a Differential-Pressure Flow Sensor in a Dynamic Process Using Wavelet Transform Techniques. , 0, , .		0
32	Two-in-One Implementation of Noise Reduction and Incline Emendation for Atomic Force Microscopic Images. , 2008, , .		0
33	The Gaussian convolution filter and its application to navigation. , 2008, , .		0
34	A novel 2-D quaternion ESPRIT for joint DOA and polarization estimation with crossed-dipole arrays. , 2013, , .		0
35	A novel nonlinear unmixing scheme for hyperspectral images using the nonlinear least squares technique. , 2013, , .		0