

List of Publications by Year in
Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

170 papers	1,757 citations	22 h-index	34 g-index
249 ext. papers	2,399 ext. citations	3.3 avg, IF	5.46 L-index

#	Paper	IF	Citations
170	Efficiency Enhancement of Tilted Bifacial Photovoltaic Modules with Horizontal Single-Axis Tracker The Bifacial Companion Method. <i>Energies</i> , 2022 , 15, 1262	3.1	0
169	Fault Symptoms Generation via Reachable Set Estimation. <i>Lecture Notes in Electrical Engineering</i> , 2022 , 2811-2821	0.2	
168	An improved reconstruction method based on auto-adjustable step size sparsity adaptive matching pursuit and adaptive modular dictionary update for acoustic emission signals of rails. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022 , 189, 110650	4.6	3
167	Outlier-robust set-membership estimation for discrete-time linear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2022 , 32, 2313-2329	3.6	0
166	Fast interval estimation for discrete-time linear systems: An L1 optimization method. <i>Automatica</i> , 2021 , 137, 110029	5.7	2
165	Ellipsoid-based Interval Estimation for Lipschitz Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	2
164	An adaptive extraction method for rail crack acoustic emission signal under strong wheel-rail rolling noise of high-speed railway. <i>Mechanical Systems and Signal Processing</i> , 2021 , 154, 107546	7.8	5
163	Interval Estimation for Uncertain Systems via Polynomial Chaos Expansions. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 468-475	5.9	5
162	Computer aided diagnosis of thyroid nodules based on the devised small-datasets multi-view ensemble learning. <i>Medical Image Analysis</i> , 2021 , 67, 101819	15.4	8
161	Zonotopic reachable set estimation for bilinear systems with time-varying delays. <i>International Journal of Systems Science</i> , 2021 , 52, 848-856	2.3	1
160	Unknown Input Observer Design for Linear Parameter-Varying Systems in a Bounded Error Context. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 4246-4251	5.9	4
159	Interval estimation of sensor fault based on zonotopic Kalman filter. <i>International Journal of Control</i> , 2021 , 94, 1641-1650	1.5	2
158	Deep spectral unmixing framework via 3D denoising convolutional autoencoder. <i>IET Image Processing</i> , 2021 , 15, 1399-1409	1.7	1
157	Reachable set estimation for uncertain nonlinear systems with time delay. <i>Optimal Control Applications and Methods</i> , 2020 , 41, 1644-1656	1.7	2
156	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	9
155	Interval estimation of state and unknown input for linear discrete-time systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 9045-9062	4	1
154	Reachable Set Estimation for Uncertain Linear Systems with Known Inputs. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 2445-2455	2.9	2

153	Set-membership estimation for linear time-varying descriptor systems. <i>Automatica</i> , 2020 , 115, 108867	5.7	21
152	Blind source extraction of acoustic emission signals for rail cracks based on ensemble empirical mode decomposition and constrained independent component analysis. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020 , 157, 107653	4.6	14
151	Ellipsoid bundle and its application to set-membership estimation. <i>IFAC-PapersOnLine</i> , 2020 , 53, 13688-13693	3.9	0
150	A two-step approach to interval estimation for continuous-time switched linear systems. <i>IFAC-PapersOnLine</i> , 2020 , 53, 4175-4180	0.7	1
149	Fast interval estimation for discrete-time systems based on fixed-time convergence. <i>IFAC-PapersOnLine</i> , 2020 , 53, 4571-4575	0.7	
148	Rail crack detection using acoustic emission technique by joint optimization noise clustering and time window feature detection. <i>Applied Acoustics</i> , 2020 , 160, 107141	3.1	10
147	Distributed fault estimation for linear systems with actuator faults. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 6853-6878	3.6	3
146	A parameter optimized variational mode decomposition method for rail crack detection based on acoustic emission technique. <i>Nondestructive Testing and Evaluation</i> , 2020 , 1-29	2	1
145	Zonotopic reachable set estimation for linear discrete-time systems with time delay. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 5542-5558	3.6	5
144	Aviation Plug Clustering Based Fault Detection Method Using Hyperspectral Image 2020 ,		1
143	Fault detection and isolation for discrete-time descriptor systems based on H ₂ /H _∞ observer and zonotopic residual evaluation. <i>International Journal of Control</i> , 2020 , 93, 1867-1878	1.5	25
142	A state augmentation approach to interval fault estimation for descriptor systems. <i>European Journal of Control</i> , 2020 , 51, 19-29	2.5	14
141	Gyroscope fault accommodation based on dedicated Kalman filters. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2020 , 234, 254-266	0.9	5
140	Combined FATEMD-based band selection method for hyperspectral images. <i>IET Image Processing</i> , 2019 , 13, 287-298	1.7	
139	Zonotopic fault detection observer for linear parameter-varying descriptor systems. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 3426-3445	3.6	13
138	H ₂ /H _∞ fault detection observer for linear parameter-varying systems with parametric uncertainty. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 2912-2926	3.6	14
137	Interval Estimation Methods for Discrete-Time Linear Time-Invariant Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 4717-4724	5.9	57
136	Robust fault estimation in the finite-frequency domain for multi-agent systems. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 3171-3181	1.8	4

135	Interval Observer Design for Discrete-Time Uncertain Takagi-Sugeno Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 816-823	8.3	24
134	Hierarchical Human Machine Interaction Learning for a Lower Extremity Augmentation Device. <i>International Journal of Social Robotics</i> , 2019 , 11, 123-139	4	8
133	Hypergraph Learning and Reweighted ℓ_1 -Norm Minimization for Hyperspectral Unmixing. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 1898-1904	4.7	8
132	Interval observer design for continuous-time linear parameter-varying systems. <i>Systems and Control Letters</i> , 2019 , 134, 104541	2.4	20
131	A Fractal Model of Acoustic Emission Signals in Sliding Friction. <i>Tribology Letters</i> , 2019 , 67, 1	2.8	4
130	Aviation Plug On-site Measurement and Fault Detection Method Based on Model Matching 2019 ,		2
129	Interval estimation of actuator fault by interval analysis. <i>IET Control Theory and Applications</i> , 2019 , 13, 2717-2724	2.5	3
128	Ellipsoid-based interval estimation for Takagi-Sugeno fuzzy systems 2019 ,		5
127	Unknown Input Observer Design for Takagi-Sugeno Systems with Fuzzy Output Equation. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 267-272	2.9	9
126	Locomotion Stability Analysis of Lower Extremity Augmentation Device. <i>Journal of Bionic Engineering</i> , 2019 , 16, 99-114	2.7	4
125	Interval estimation for discrete-time linear systems: A two-step method. <i>Systems and Control Letters</i> , 2019 , 123, 69-74	2.4	25
124	A Simple Approach to Distributed Observer Design for Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 329-336	5.9	60
123	A novel rail defect detection method based on undecimated lifting wavelet packet transform and Shannon entropy-improved adaptive line enhancer. <i>Journal of Sound and Vibration</i> , 2018 , 425, 208-220	3.9	15
122	Towards a minimal order distributed observer for linear systems. <i>Systems and Control Letters</i> , 2018 , 114, 59-65	2.4	15
121	Fault estimation for a quadrotor unmanned aerial vehicle by integrating the parity space approach with recursive least squares. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2018 , 232, 783-796	0.9	21
120	Detection method based on Kalman filter for high speed rail defect AE signal on wheel-rail rolling rig. <i>Nondestructive Testing and Evaluation</i> , 2018 , 33, 75-91	2	6
119	Probabilistic Sensitivity Amplification Control for Lower Extremity Exoskeleton. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 525	2.6	9
118	Intrinsic Sensing and Evolving Internal Model Control of Compact Elastic Module for a Lower Extremity Exoskeleton. <i>Sensors</i> , 2018 , 18,	3.8	8

117	Interval observer design for uncertain discrete-time linear systems. <i>Systems and Control Letters</i> , 2018 , 116, 41-46	2.4	87
116	A new rail crack detection method using LSTM network for actual application based on AE technology. <i>Applied Acoustics</i> , 2018 , 142, 78-86	3.1	16
115	H ₂ /H _∞ fault detection observer design for a polytopic LPV system using the relative degree. <i>International Journal of Applied Mathematics and Computer Science</i> , 2018 , 28, 83-95	1.7	5
114	Three-Dimensional Empirical Mode Decomposition Based Hyperspectral Band Selection Method 2018 ,		1
113	An improved recovery method of rail crack signal based on least-square deconvolution algorithm with sectional regulatory factors 2018 ,		2
112	fault detection for linear discrete-time descriptor systems. <i>IET Control Theory and Applications</i> , 2018 , 12, 2156-2163	2.5	15
111	Zonotopic fault detection observer design for Takagi-Sugeno fuzzy systems. <i>International Journal of Systems Science</i> , 2018 , 49, 3216-3230	2.3	8
110	An investigation on acoustic emission detection of rail crack in actual application by chaos theory with improved feature detection method. <i>Journal of Sound and Vibration</i> , 2018 , 436, 165-182	3.9	4
109	High Precision Data-driven Force Control of Compact Elastic Module for a Lower Extremity Augmentation Device. <i>Journal of Bionic Engineering</i> , 2018 , 15, 805-819	2.7	3
108	A signal-adapted wavelet design method for acoustic emission signals of rail cracks. <i>Applied Acoustics</i> , 2018 , 139, 251-258	3.1	6
107	Memory-based passive control design for complex networked fuzzy delta operator systems. <i>Advances in Mechanical Engineering</i> , 2017 , 9, 168781401769914	1.2	0
106	A wearable bone-conducted speech enhancement system for strong background noises 2017 ,		7
105	fault detection observer design in finite-frequency domain for Lipschitz non-linear systems. <i>IET Control Theory and Applications</i> , 2017 , 11, 2361-2369	2.5	25
104	Rail crack detection based on the adaptive noise cancellation method of EMD at high speed 2017 ,		1
103	An improved method of rail health monitoring based on CNN and multiple acoustic emission events 2017 ,		5
102	Coupled denoising and unmixing with low rank constraint and hypergraph regularization for hyperspectral image 2017 ,		1
101	Geometric structure based intelligent collaborative compressive sensing for image reconstruction by l0 minimization. <i>Neurocomputing</i> , 2017 , 260, 221-234	5.4	
100	Intelligent nonconvex compressive sensing using prior information for image reconstruction by sparse representation. <i>Neurocomputing</i> , 2017 , 224, 71-81	5.4	12

99	Simultaneous fault estimation and fault-tolerant tracking control for uncertain nonlinear discrete-time systems. <i>International Journal of Systems Science</i> , 2017 , 48, 1367-1379	2.3	8
98	H-/LTFault detection observer design for linear parameter-varying systems. <i>IFAC-PapersOnLine</i> , 2017 , 50, 15271-15276	0.7	14
97	Mutual information and clone selection algorithm based hyperspectral band selection method 2017 ,		2
96	H/LTFault detection observer for discrete-time Takagi-Sugeno fuzzy systems 2017 ,		3
95	Robust HTFault diagnosis observer design for multiple satellites attitude synchronization with disturbance 2016 ,		1
94	H/HTFault detection filter design for interval time-varying delays switched systems. <i>Journal of Systems Engineering and Electronics</i> , 2016 , 27, 878-886	1.3	4
93	Convolutional neural network based classification for hyperspectral data 2016 ,		17
92	A self-healing control method for satellite attitude tracking based on simultaneous fault estimation and control design 2016 ,		2
91	Manifold learning based supervised hyperspectral data classification method using class encoding 2016 ,		2
90	Hyperspectral image classification method based on orthogonal NMF and LPP 2016 ,		3
89	A CT-based investigation of the influence of tissue modulus variation, anisotropy and inhomogeneity on ultrasound propagation in trabecular bone. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 60, 416-424	4.1	1
88	Predicted multi-variable intelligent matching pursuit algorithm for image sequences reconstruction based on l0 minimization. <i>Journal of Visual Communication and Image Representation</i> , 2016 , 38, 316-327	2.7	3
87	Intelligent greedy pursuit model for sparse reconstruction based on l0 minimization. <i>Signal Processing</i> , 2016 , 122, 138-151	4.4	8
86	Total variation-regularized weighted nuclear norm minimization for hyperspectral image mixed denoising. <i>Journal of Electronic Imaging</i> , 2016 , 25, 013037	0.7	30
85	Multi-variable intelligent matching pursuit algorithm using prior knowledge for image reconstruction by l0 minimization. <i>Neurocomputing</i> , 2016 , 207, 548-559	5.4	4
84	Non-uniform sampling photoacoustic microscope system based on low rank matrix completion 2016 ,		1
83	Theoretical results for sparse signal recovery with noises using generalized OMP algorithm. <i>Signal Processing</i> , 2015 , 117, 270-278	4.4	8
82	Fault estimation filter design for discrete-time descriptor systems. <i>IET Control Theory and Applications</i> , 2015 , 9, 1587-1594	2.5	39

81	Stress Estimation in Different Bone Layers Subject to Therapeutic Ultrasound in an Intelligent Bone System. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2015 , 64, 1204-1214	5.2	3
80	Pulsar signal de-noising method based on multivariate empirical mode decomposition 2015 ,		1
79	Compressed sensing and mobile agent based sparse data collection in wireless sensor networks 2015 ,		2
78	Actuator fault estimation observer design for discrete-time linear parameter-varying descriptor systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2015 , 29, 242-258	2.8	73
77	Regularized multivariable grey model for stable grey coefficients estimation. <i>Expert Systems With Applications</i> , 2015 , 42, 1806-1815	7.8	21
76	Sufficient conditions for generalized Orthogonal Matching Pursuit in noisy case. <i>Signal Processing</i> , 2015 , 108, 111-123	4.4	31
75	A complete parallel narrowband active noise control system based on residual error separation using variable leaky LMS 2015 ,		4
74	An investigation on rail health monitoring using acoustic emission technique by tensile test 2015 ,		8
73	Golay improvement of the robustness of mean scatterer spacing measurement with ultrasonic backscattering. <i>Bio-Medical Materials and Engineering</i> , 2015 , 26 Suppl 1, S455-65	1	2
72	Acoustic emission detection of rail defect based on wavelet transform and Shannon entropy. <i>Journal of Sound and Vibration</i> , 2015 , 339, 419-432	3.9	64
71	Sensor Fault Estimation Filter Design for Discrete-time Linear Time-varying Systems. <i>Zidonghua Xuebao/Acta Automatica Sinica</i> , 2014 , 40, 2364-2369		9
70	2014 ,		3
69	Fault diagnosis and fault-tolerant control for sampled-data attitude control systems: an indirect approach. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2014 , 228, 1047-1057	0.9	3
68	An analysis of the simulated acoustic emission sources with different propagation distances, types and depths for rail defect detection. <i>Applied Acoustics</i> , 2014 , 86, 80-88	3.1	19
67	Kernel Sparse Multitask Learning for Hyperspectral Image Classification With Empirical Mode Decomposition and Morphological Wavelet-Based Features. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2014 , 52, 5150-5163	8.1	34
66	Shrinkage-Based Alternating Projection Algorithm for Efficient Measurement Matrix Construction in Compressive Sensing. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2014 , 63, 1073-1084	5.2	20
65	Mode Decomposition Based Cepstrum Measurement of Scatterer Spacing with Ultrasonic Scattering 2014 ,		1
64	Analysis of generalised orthogonal matching pursuit using restricted isometry constant. <i>Electronics Letters</i> , 2014 , 50, 1020-1022	1.1	31

63	Artificial immune algorithm based signal reconstruction for compressive sensing 2014 ,		6
62	Stress granule-defective mutants deregulate stress responsive transcripts. <i>PLoS Genetics</i> , 2014 , 10, e1004763	3.0	
61	Fault Diagnosis for Satellite Attitude Control Systems With Four Flywheels. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2014 , 136,	1.6	4
60	Multivariate Gray Model-Based BEMD for Hyperspectral Image Classification. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2013 , 62, 889-904	5.2	40
59	Adaptive fault-tolerant robust control for a linear system with adaptive fault identification. <i>IET Control Theory and Applications</i> , 2013 , 7, 246-252	2.5	35
58	Rail defect detection based on vibration acceleration signals 2013 ,		5
57	Phases measure of image sharpness based on quaternion wavelet. <i>Pattern Recognition Letters</i> , 2013 , 34, 1063-1070	4.7	10
56	Discrete multivariate gray model based boundary extension for bi-dimensional empirical mode decomposition. <i>Signal Processing</i> , 2013 , 93, 124-138	4.4	13
55	Resonant frequency analysis for spring-mass structure in high-g MEMS accelerometer 2013 ,		1
54	Performance analysis of OMP algorithm in recovering magnitude decaying sparse signals in compressive sensing 2013 ,		1
53	GA-BFO based signal reconstruction for compressive sensing 2013 ,		8
52	Boundary extension for Hilbert-Huang transform inspired by gray prediction model. <i>Signal Processing</i> , 2012 , 92, 685-697	4.4	34
51	Observer design for discrete-time descriptor systems: An LMI approach. <i>Systems and Control Letters</i> , 2012 , 61, 683-687	2.4	88
50	\$N\$-Person Card Game Approach for Solving SET \$K\$-COVER Problem in Wireless Sensor Networks. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2012 , 61, 1522-1535	5.2	13
49	. <i>IEEE Transactions on Information Theory</i> , 2012 , 58, 3654-3656	2.8	86
48	Active fault-tolerant control for satellite system via learning unknown input observer 2012 ,		1
47	Stepwise suboptimal iterative hard thresholding algorithm for compressive sensing 2012 ,		1
46	Attitude sensor fault diagnosis based on Kalman filter of discrete-time descriptor system. <i>Journal of Systems Engineering and Electronics</i> , 2012 , 23, 914-920	1.3	11

45	Flocking based distributed deployment for target monitoring in mobile sensor networks: Algorithm and implementation 2012 ,		2
44	A general H _∞ fault tolerant control and management for a linear system with actuator faults. <i>Automatica</i> , 2012 , 48, 1676-1682	5.7	15
43	RIDGE REGRESSION MODEL-BASED ENSEMBLE EMPIRICAL MODE DECOMPOSITION FOR ULTRASOUND CLUTTER REJECTION. <i>Advances in Adaptive Data Analysis</i> , 2012 , 04, 1250013		1
42	BUILT-IN TEST SIGNAL FEATURE EXTRACTION METHOD BASED ON HILBERT-HUANG TRANSFORM. <i>Advances in Adaptive Data Analysis</i> , 2012 , 04, 1250005		
41	Dictionaries Construction Using Alternating Projection Method in Compressive Sensing. <i>IEEE Signal Processing Letters</i> , 2011 , 18, 663-666	3.2	11
40	Single-frequency matching pursuits based time-of-flight measurement in viscoacoustic medium. <i>Transactions of Tianjin University</i> , 2011 , 17, 356-361	2.9	
39	Empirical mode decomposition based reducing false alarm filter for built-in test signal 2011 ,		1
38	Flaw detection in high speed train & rail based on EMD and PSD 2011 ,		1
37	An accurate extrinsic camera self-calibration method in non-overlapping camera sensor networks 2011 ,		2
36	An Analytical Convolution Method Combined With the Conformal Fourier Transform for Solving 1-D Integral Equations. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 1267-1269	3.8	1
35	Accent extraction of emotional speech based on modified ensemble empirical mode decomposition 2010 ,		5
34	Dynamic artificial potential field based multi-robot formation control 2010 ,		18
33	Non-linear Matching Pursuits and its application in bone mineral measurement 2010 ,		3
32	Automatic measurement of the artery intima-media thickness with image empirical mode decomposition 2010 ,		1
31	A hybrid genetic algorithm for medical image registration with Downhill Simplex method 2009 ,		1
30	Real time performance analysis and evaluation of CAN bus with an extended Petri Net model 2009 ,		2
29	A region entropy based objective evaluation method for image segmentation 2009 ,		8
28	Hyperspectral datum classification using kernel method based on mutual information of neighbor bands. <i>Optoelectronics Letters</i> , 2009 , 5, 309-312	0.7	1

27	Generalized Local Priority Based Medical Image Fusion Scheme 2009 ,		1
26	Protein Long Disordered Region Prediction Based on Profile-Level Disorder Propensities and Position-Specific Scoring Matrixes 2009 ,		1
25	Medical ultrasound signal denoise based on ensemble empirical mode decomposition and nonlinear correlation information entropy 2009 ,		3
24	Optimal Mobile Agent Routing for Data Fusion in Distributed Sensor Networks Using Improved Ant Colony Algorithm 2008 ,		3
23	High-performance medical image registration using improved particle swarm optimization 2008 ,		2
22	Decision Tree Support Vector Machine based on Genetic Algorithm for fault diagnosis 2008 ,		2
21	Segmentation for MRA Image: An Improved Level-Set Approach. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2007 , 56, 1316-1321	5.2	14
20	Nonlinear Distance Measure Based Discriminant Pursuit Algorithm for Defects Classification in Ultrasonic NDT 2006 ,		1
19	Adaptive Rejection of Nonstationary Clutter in Ultrasonic Color Flow Imaging 2006 ,		1
18	A Medical Image Compression Scheme Based on Low Order Linear Predictor and Most-likely Magnitude Huffman Code 2006 ,		1
17	Noise reduction for Doppler ultrasound signal based on the adapted local cosine transform and the garrote thresholding method. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2006 , 53, 735-745	3.2	4
16	An Improved Marching Cubes Method for Surface Reconstruction of Volume Data 2006 ,		5
15	Modeling and Simulation of Digital Closed-loop Fiber Optic Gyroscope 2006 ,		1
14	Measurement of six degree-of-freedom ground motion by using eight accelerometers. <i>Earthquake Engineering and Engineering Vibration</i> , 2005 , 4, 229-232	2	4
13	Fast quantitative correlation analysis and information deviation analysis for evaluating the performances of image fusion techniques. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2004 , 53, 1441-1447	5.2	25
12	A quantitative method for evaluating the performances of hyperspectral image fusion. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2003 , 52, 1041-1047	5.2	38
11	Automatic Ultrasound Image Segmentation by Active Contour Model Based on Texture		1
10	Performances evaluation of image fusion techniques based on nonlinear correlation measurement		8

9	Edge detection based on early vision model incorporating improved directional median filtering	1
8	The effects of fusion structures on image fusion performances	2
7	A JPEG2000 and Nonlinear Correlation Measurement Based Method to Enhance Hyperspectral Image Compression	2
6	Ultrasound Image Segmentation Based on the Early Vision Model and Watershed Transform	1
5	Comparisons of Several Pixel-Level Image Fusion Schemes for Infrared and Visible Light Images	4
4	A quantitative method to evaluate the performance of hyperspectral data fusion	2
3	Rail Steel Health Analysis Based on a Novel Genetic Density-based Clustering Technique and Manifold Representation of Acoustic Emission Signals. <i>Applied Artificial Intelligence</i> ,1-25	2.3 0
2	Defect detection in guided wave signals using nonlinear autoregressive exogenous method. <i>Structural Health Monitoring</i> ,147592172110186	4.4 3
1	Interval Estimation for Discrete-time Descriptor System Based on Zonotopic Kalman Filter. <i>International Journal of Control, Automation and Systems</i> ,1	2.9