

# Yi Shen

## List of Publications by Year in descending order

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249  
papers

2,975  
citations

159585

30  
h-index

223800

46  
g-index

249  
all docs

249  
docs citations

249  
times ranked

2187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interval observer design for uncertain discrete-time linear systems. <i>Systems and Control Letters</i> , 2018, 116, 41-46.	2.3	137
2	Observer design for discrete-time descriptor systems: An LMI approach. <i>Systems and Control Letters</i> , 2012, 61, 683-687.	2.3	134
3	A Simple Approach to Distributed Observer Design for Linear Systems. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 329-336.	5.7	126
4	Interval Estimation Methods for Discrete-Time Linear Time-Invariant Systems. <i>IEEE Transactions on Automatic Control</i> , 2019, 64, 4717-4724.	5.7	114
5	A Remark on the Restricted Isometry Property in Orthogonal Matching Pursuit. <i>IEEE Transactions on Information Theory</i> , 2012, 58, 3654-3656.	2.4	113
6	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.	4.1	101
7	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	95
8	Set-membership estimation for linear time-varying descriptor systems. <i>Automatica</i> , 2020, 115, 108867.	5.0	54
9	Fault detection and isolation for discrete-time descriptor systems based on $H_\infty$ observer and zonotopic residual evaluation. <i>International Journal of Control</i> , 2020, 93, 1867-1878.	1.9	51
10	Fault estimation filter design for discrete-time descriptor systems. <i>IET Control Theory and Applications</i> , 2015, 9, 1587-1594.	2.1	48
11	A quantitative method for evaluating the performances of hyperspectral image fusion. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2003, 52, 1041-1047.	4.7	47
12	Multivariate Gray Model-Based BEMD for Hyperspectral Image Classification. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2013, 62, 889-904.	4.7	47
13	Boundary extension for Hilbert-Huang transform inspired by gray prediction model. <i>Signal Processing</i> , 2012, 92, 685-697.	3.7	45
14	Adaptive fault-tolerant robust control for a linear system with adaptive fault identification. <i>IET Control Theory and Applications</i> , 2013, 7, 246-252.	2.1	44
15	Interval estimation for discrete-time linear systems: A two-step method. <i>Systems and Control Letters</i> , 2019, 123, 69-74.	2.3	43
16	A state augmentation approach to interval fault estimation for descriptor systems. <i>European Journal of Control</i> , 2020, 51, 19-29.	2.6	43
17	Stress Granule-Defective Mutants Deregulate Stress Responsive Transcripts. <i>PLoS Genetics</i> , 2014, 10, e1004763.	3.5	40
18	Interval observer design for continuous-time linear parameter-varying systems. <i>Systems and Control Letters</i> , 2019, 134, 104541.	2.3	40

#	ARTICLE	IF	CITATIONS
19	Interval Observer Design for Discrete-Time Uncertain Takagi-Sugeno Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 816-823.	9.8	40
20	Computer aided diagnosis of thyroid nodules based on the devised small-datasets multi-view ensemble learning. Medical Image Analysis, 2021, 67, 101819.	11.6	40
21	Kernel Sparse Multitask Learning for Hyperspectral Image Classification With Empirical Mode Decomposition and Morphological Wavelet-Based Features. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 5150-5163.	6.3	39
22	Sufficient conditions for generalized Orthogonal Matching Pursuit in noisy case. Signal Processing, 2015, 108, 111-123.	3.7	37
23	fault detection observer design in finite-frequency domain for Lipschitz nonlinear systems. IET Control Theory and Applications, 2017, 11, 2361-2369.	2.1	37
24	Shrinkage-Based Alternating Projection Algorithm for Efficient Measurement Matrix Construction in Compressive Sensing. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 1073-1084.	4.7	36
25	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
26	Total variation-regularized weighted nuclear norm minimization for hyperspectral image mixed denoising. Journal of Electronic Imaging, 2016, 25, 013037.	0.9	35
27	Dynamic artificial potential field based multi-robot formation control. , 2010, , .		34
28	An analysis of the simulated acoustic emission sources with different propagation distances, types and depths for rail defect detection. Applied Acoustics, 2014, 86, 80-88.	3.3	34
29	Analysis of generalised orthogonal matching pursuit using restricted isometry constant. Electronics Letters, 2014, 50, 1020-1022.	1.0	33
30	Blind source extraction of acoustic emission signals for rail cracks based on ensemble empirical mode decomposition and constrained independent component analysis. Measurement: Journal of the International Measurement Confederation, 2020, 157, 107653.	5.0	33
31	A new rail crack detection method using LSTM network for actual application based on AE technology. Applied Acoustics, 2018, 142, 78-86.	3.3	32
32	Towards a minimal order distributed observer for linear systems. Systems and Control Letters, 2018, 114, 59-65.	2.3	31
33	Fault estimation for a quadrotor unmanned aerial vehicle by integrating the parity space approach with recursive least squares. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2018, 232, 783-796.	1.3	31
34	Zonotopic fault detection observer for linear parameter-varying descriptor systems. International Journal of Robust and Nonlinear Control, 2019, 29, 3426-3445.	3.7	31
35	Regularized multivariable grey model for stable grey coefficients estimation. Expert Systems With Applications, 2015, 42, 1806-1815.	7.6	30
36	Convolutional neural network based classification for hyperspectral data. , 2016, , .		29

#	ARTICLE	IF	CITATIONS
37	fault detection observer for linear parameter-varying systems with parametric uncertainty. International Journal of Robust and Nonlinear Control, 2019, 29, 2912-2926.	3.7	29
38	Fault Detection for Lipschitz Nonlinear Systems With Restricted Frequency-Domain Specifications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7486-7496.	9.3	28
39	A novel rail defect detection method based on undecimated lifting wavelet packet transform and Shannon entropy-improved adaptive line enhancer. Journal of Sound and Vibration, 2018, 425, 208-220.	3.9	25
40	fault detection for linear discrete-time descriptor systems. IET Control Theory and Applications, 2018, 12, 2156-2163.	2.1	25
41	A parameter optimized variational mode decomposition method for rail crack detection based on acoustic emission technique. Nondestructive Testing and Evaluation, 0, , 1-29.	2.1	23
42	Rail crack detection using acoustic emission technique by joint optimization noise clustering and time window feature detection. Applied Acoustics, 2020, 160, 107141.	3.3	22
43	Performances evaluation of image fusion techniques based on nonlinear correlation measurement. , 0, , .		21
44	Discrete multivariate gray model based boundary extension for bi-dimensional empirical mode decomposition. Signal Processing, 2013, 93, 124-138.	3.7	21
45	Fast interval estimation for discrete-time linear systems: An optimization method. Automatica, 2022, 137, 110029.	5.0	21
46	A general fault tolerant control and management for a linear system with actuator faults. Automatica, 2012, 48, 1676-1682.	5.0	20
47	An adaptive extraction method for rail crack acoustic emission signal under strong wheel-rail rolling noise of high-speed railway. Mechanical Systems and Signal Processing, 2021, 154, 107546.	8.0	20
48	H-L fault detection observer design for linear parameter-varying systems * *This work was partially supported by National Natural Science Foundation of China (61403104, 61273162, U1509217), the Australian Research Council (DP170102644), and the Fundamental Research Funds for the Central Universities (HIT.KLOF.2015.076).. IFAC-PapersOnLine, 2017, 50, 15271-15276.	0.9	19
49	Person Card Game Approach for Solving SET COVER Problem in Wireless Sensor Networks. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 1522-1535.	4.7	18
50	Unknown Input Observer Design for Linear Parameter-Varying Systems in a Bounded Error Context. IEEE Transactions on Automatic Control, 2021, 66, 4246-4251.	5.7	18
51	Attitude sensor fault diagnosis based on Kalman filter of discrete-time descriptor system. Journal of Systems Engineering and Electronics, 2012, 23, 914-920.	2.2	17
52	Intelligent nonconvex compressive sensing using prior information for image reconstruction by sparse representation. Neurocomputing, 2017, 224, 71-81.	5.9	17
53	A signal-adapted wavelet design method for acoustic emission signals of rail cracks. Applied Acoustics, 2018, 139, 251-258.	3.3	16
54	Segmentation for MRA Image: An Improved Level-Set Approach. IEEE Transactions on Instrumentation and Measurement, 2007, 56, 1316-1321.	4.7	15

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55	Dictionaries Construction Using Alternating Projection Method in Compressive Sensing. IEEE Signal Processing Letters, 2011, 18, 663-666.	3.6	15
56	Zonotopic reachable set estimation for linear discrete-time systems with time delay. International Journal of Robust and Nonlinear Control, 2020, 30, 5542-5558.	3.7	14
57	A region entropy based objective evaluation method for image segmentation. , 2009, , .		13
58	Phases measure of image sharpness based on quaternion wavelet. Pattern Recognition Letters, 2013, 34, 1063-1070.	4.2	13
59	Sensor Fault Estimation Filter Design for Discrete-time Linear Time-varying Systems. Zidonghua Xuebao/Acta Automatica Sinica, 2014, 40, 2364-2369.	1.5	13
60	Zonotopic fault detection observer design for Takagi-Sugeno fuzzy systems. International Journal of Systems Science, 2018, 49, 3216-3230.	5.5	13
61	Fault Diagnosis for Satellite Attitude Control Systems With Four Flywheels. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2014, 136, .	1.6	12
62	Detection method based on Kalman filter for high speed rail defect AE signal on wheel-rail rolling rig. Nondestructive Testing and Evaluation, 2018, 33, 75-91.	2.1	12
63	Hierarchical Human Machine Interaction Learning for a Lower Extremity Augmentation Device. International Journal of Social Robotics, 2019, 11, 123-139.	4.6	12
64	GA-BFO based signal reconstruction for compressive sensing. , 2013, , .		11
65	Intelligent greedy pursuit model for sparse reconstruction based on l0 minimization. Signal Processing, 2016, 122, 138-151.	3.7	11
66	Probabilistic Sensitivity Amplification Control for Lower Extremity Exoskeleton. Applied Sciences (Switzerland), 2018, 8, 525.	2.5	11
67	Intrinsic Sensing and Evolving Internal Model Control of Compact Elastic Module for a Lower Extremity Exoskeleton. Sensors, 2018, 18, 909.	3.8	11
68	A Fractal Model of Acoustic Emission Signals in Sliding Friction. Tribology Letters, 2019, 67, 1.	2.6	11
69	Unknown Input Observer Design for Takagi-Sugeno Systems with Fuzzy Output Equation. International Journal of Control, Automation and Systems, 2019, 17, 267-272.	2.7	11
70	An investigation on rail health monitoring using acoustic emission technique by tensile test. , 2015, , .		10
71	Theoretical results for sparse signal recovery with noises using generalized OMP algorithm. Signal Processing, 2015, 117, 270-278.	3.7	10
72	An improved method of rail health monitoring based on CNN and multiple acoustic emission events. , 2017, , .		10

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73	A wearable bone-conducted speech enhancement system for strong background noises. , 2017, , .		10
74	Interval estimation of state and unknown input for linear discrete-time systems. Journal of the Franklin Institute, 2020, 357, 9045-9062.	3.4	10
75	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. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110650.	5.0	10
76	Fault diagnosis and fault-tolerant control for sampled-data attitude control systems: an indirect approach. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2014, 228, 1047-1057.	1.3	9
77	Simultaneous fault estimation and fault-tolerant tracking control for uncertain nonlinear discrete-time systems. International Journal of Systems Science, 2017, 48, 1367-1379.	5.5	9
78	Hypergraph Learning and Reweighted $\ell_1$ -Norm Minimization for Hyperspectral Unmixing. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1898-1904.	4.9	9
79	Defect detection in guided wave signals using nonlinear autoregressive exogenous method. Structural Health Monitoring, 2022, 21, 1012-1030.	7.5	9
80	Ellipsoid-Based Interval Estimation for Lipschitz Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 6802-6809.	5.7	9
81	Comparisons of Several Pixel-Level Image Fusion Schemes for Infrared and Visible Light Images. , 0, , .		8
82	Accent extraction of emotional speech based on modified ensemble empirical mode decomposition. , 2010, , .		8
83	An investigation on acoustic emission detection of rail crack in actual application by chaos theory with improved feature detection method. Journal of Sound and Vibration, 2018, 436, 165-182.	3.9	8
84	Robust fault estimation in the finite-frequency domain for multi-agent systems. Transactions of the Institute of Measurement and Control, 2019, 41, 3171-3181.	1.7	8
85	Interval estimation of actuator fault by interval analysis. IET Control Theory and Applications, 2019, 13, 2717-2724.	2.1	8
86	Gyroscope fault accommodation based on dedicated Kalman filters. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2020, 234, 254-266.	1.3	8
87	Distributed fault estimation for linear systems with actuator faults. International Journal of Robust and Nonlinear Control, 2020, 30, 6853-6878.	3.7	8
88	Interval Estimation for Uncertain Systems via Polynomial Chaos Expansions. IEEE Transactions on Automatic Control, 2021, 66, 468-475.	5.7	8
89	Interval estimation of sensor fault based on zonotopic Kalman filter. International Journal of Control, 2021, 94, 1641-1650.	1.9	8
90	An Improved Marching Cubes Method for Surface Reconstruction of Volume Data. , 2006, , .		7

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91	Rail defect detection based on vibration acceleration signals. , 2013, , .		7
92	Artificial immune algorithm based signal reconstruction for compressive sensing. , 2014, , .		7
93	H $\hat{a}$ /H $\hat{z}$ fault detection filter design for interval time-varying delays switched systems. Journal of Systems Engineering and Electronics, 2016, 27, 878-886.	2.2	7
94	H $\hat{a}$ /H $\hat{z}$ fault detection observer design for a polytopic LPV system using the relative degree. International Journal of Applied Mathematics and Computer Science, 2018, 28, 83-95.	1.5	7
95	The effects of fusion structures on image fusion performances. , 0, , .		6
96	Optimal Mobile Agent Routing for Data Fusion in Distributed Sensor Networks Using Improved Ant Colony Algorithm. , 2008, , .		6
97	H $\hat{a}$ /H $\hat{z}$ fault detection observer for discrete-time Takagi-Sugeno fuzzy systems. , 2017, , .		6
98	Ellipsoid-based interval estimation for Takagi-Sugeno fuzzy systems. , 2019, , .		6
99	Locomotion Stability Analysis of Lower Extremity Augmentation Device. Journal of Bionic Engineering, 2019, 16, 99-114.	5.0	6
100	Reachable Set Estimation for Uncertain Linear Systems with Known Inputs. International Journal of Control, Automation and Systems, 2020, 18, 2445-2455.	2.7	6
101	Measurement of six degree-of-freedom ground motion by using eight accelerometers. Earthquake Engineering and Engineering Vibration, 2005, 4, 229-232.	2.3	5
102	Modeling and Simulation of Digital Closed-loop Fiber Optic Gyroscope. , 2006, , .		5
103	Stress Estimation in Different Bone Layers Subject to Therapeutic Ultrasound in an Intelligent Bone System. IEEE Transactions on Instrumentation and Measurement, 2015, 64, 1204-1214.	4.7	5
104	Multi-variable intelligent matching pursuit algorithm using prior knowledge for image reconstruction by l0 minimization. Neurocomputing, 2016, 207, 548-559.	5.9	5
105	High Precision Data-driven Force Control of Compact Elastic Module for a Lower Extremity Augmentation Device. Journal of Bionic Engineering, 2018, 15, 805-819.	5.0	5
106	Aviation Plug On-site Measurement and Fault Detection Method Based on Model Matching. , 2019, , .		5
107	Reachable set estimation for uncertain nonlinear systems with time delay. Optimal Control Applications and Methods, 2020, 41, 1644-1656.	2.1	5
108	Ellipsoid bundle and its application to set-membership estimation. IFAC-PapersOnLine, 2020, 53, 13688-13693.	0.9	5

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109	AdaBoost-MICNN: a new network framework for pulsar candidate selection. Monthly Notices of the Royal Astronomical Society, 2022, 513, 2869-2883.	4.4	5
110	A zonotopic characterization of cyber-physical system vulnerabilities. International Journal of Robust and Nonlinear Control, 2022, 32, 5379-5397.	3.7	5
111	A quantitative method to evaluate the performance of hyperspectral data fusion. , 0, , .		4
112	Edge detection based on early vision model incorporating improved directional median filtering. , 0, , .		4
113	Noise reduction for Doppler ultrasound signal based on the adapted local cosine transform and the garrote thresholding method. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2006, 53, 735-745.	3.0	4
114	High-performance medical image registration using improved particle swarm optimization. , 2008, , .		4
115	Performance analysis of OMP algorithm in recovering magnitude decaying sparse signals in compressive sensing. , 2013, , .		4
116	A complete parallel narrowband active noise control system based on residual error separation using variable leaky LMS. , 2015, , .		4
117	A self-healing control method for satellite attitude tracking based on simultaneous fault estimation and control design. , 2016, , .		4
118	Classification of a Small-data-set Thyroid Nodules Based on Supplementary Feature Layer Improved VGG16. , 2020, , .		4
119	An Efficient Method for Wheel-Flattened Defects Detection Based on Acoustic Emission Technique. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 843-853.	3.0	4
120	Outlier-robust set-membership estimation for discrete-time linear systems. International Journal of Robust and Nonlinear Control, 2022, 32, 2313-2329.	3.7	4
121	Improvement and optimization of a fuzzy C-means clustering algorithm. , 0, , .		3
122	A fast method to evaluate the performances of image fusion techniques and its error analysis. , 0, , .		3
123	A JPEG2000 and Nonlinear Correlation Measurement Based Method to Enhance Hyperspectral Image Compression. , 0, , .		3
124	A Medical Image Compression Scheme Based on Low Order Linear Predictor and Most-likely Magnitude Huffman Code. , 2006, , .		3
125	Real time performance analysis and evaluation of CAN bus with an extended Petri Net model. , 2009, , .		3
126	Medical ultrasound signal denoise based on ensemble empirical mode decomposition and nonlinear correlation information entropy. , 2009, , .		3



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127	Non-linear Matching Pursuits and its application in bone mineral measurement. , 2010, , .		3
128	An accurate extrinsic camera self-calibration method in non-overlapping camera sensor networks. , 2011, , .		3
129	Hyperspectral image classification with multivariate empirical mode decomposition-based features. , 2014, , .		3
130	Golay improvement of the robustness of mean scatterer spacing measurement with ultrasonic backscattering. Bio-Medical Materials and Engineering, 2015, 26, S455-S465.	0.6	3
131	Manifold learning based supervised hyperspectral data classification method using class encoding. , 2016, , .		3
132	Hyperspectral image classification method based on orthogonal NMF and LPP. , 2016, , .		3
133	Predicted multi-variable intelligent matching pursuit algorithm for image sequences reconstruction based on l0 minimization. Journal of Visual Communication and Image Representation, 2016, 38, 316-327.	2.8	3
134	Mutual information and clone selection algorithm based hyperspectral band selection method. , 2017, , .		3
135	Three-Dimensional Empirical Mode Decomposition Based Hyperspectral Band Selection Method. , 2018, , .		3
136	An improved recovery method of rail crack signal based on least-square deconvolution algorithm with sectional regulatory factors. , 2018, , .		3
137	Aviation Plug Clustering Based Fault Detection Method Using Hyperspectral Image. , 2020, , .		3
138	Deep spectral unmixing framework via 3D denoising convolutional autoencoder. IET Image Processing, 2021, 15, 1399-1409.	2.5	3
139	A new smoothing particle filter for tracking a maneuvering target. , 0, , .		2
140	Measure and DMC control of battery separator thickness uniformity. , 0, , .		2
141	Ultrasound Image Segmentation Based on the Early Vision Model and Watershed Transform. , 0, , .		2
142	Quadrature Doppler Ultrasound Signal Senoising Based on Adaptive Representations. , 0, , .		2
143	Segmentation for MRA Image: An Improved Level Set Approach. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	2
144	Automatic Ultrasound Image Segmentation by Active Contour Model Based on Texture. , 0, , .		2

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145	Adaptive Rejection of Nonstationary Clutter in Ultrasonic Color Flow Imaging. , 2006, , .		2
146	Nonlinear Correlation Measurement Based Registration for Sequential Images. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , .	0.0	2
147	Decision Tree Support Vector Machine based on Genetic Algorithm for fault diagnosis. , 2008, , .		2
148	Generalized Local Priority Based Medical Image Fusion Scheme. , 2009, , .		2
149	Automatic measurement of the artery intima-media thickness with image empirical mode decomposition. , 2010, , .		2
150	Stepwise suboptimal iterative hard thresholding algorithm for compressive sensing. , 2012, , .		2
151	Flocking based distributed deployment for target monitoring in mobile sensor networks: Algorithm and implementation. , 2012, , .		2
152	Measurement matrix construction algorithm for sparse signal recovery. , 2013, , .		2
153	Resonant frequency analysis for spring-mass structure in high-g MEMS accelerometer. , 2013, , .		2
154	Pulsar signal de-noising method based on multivariate empirical mode decomposition. , 2015, , .		2
155	Compressed sensing and mobile agent based sparse data collection in wireless sensor networks. , 2015, , .		2
156	Multiclassification method for hyperspectral data based on Chernoff distance and pairwise decision tree strategy. , 2016, , .		2
157	A $\frac{1}{4}$ CT-based investigation of the influence of tissue modulus variation, anisotropy and inhomogeneity on ultrasound propagation in trabecular bone. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 60, 416-424.	3.1	2
158	A two-step approach to interval estimation for continuous-time switched linear systems. IFAC-PapersOnLine, 2020, 53, 4175-4180.	0.9	2
159	Rail Steel Health Analysis Based on a Novel Genetic Density-based Clustering Technique and Manifold Representation of Acoustic Emission Signals. Applied Artificial Intelligence, 2022, 36, .	3.2	2
160	Efficiency Enhancement of Tilted Bifacial Photovoltaic Modules with Horizontal Single-Axis Tracker – The Bifacial Companion Method. Energies, 2022, 15, 1262.	3.1	2
161	On the use of data fusion in ultrasonic imaging. , 0, , .		1
162	An approach to fault diagnosis based on a hierarchical information fusion scheme [and turbine application]. , 0, , .		1

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163	An adaptive clutter rejection filter in ultrasound color flow imaging systems. , 0, , .		1
164	A Nonlinear Quantitative Measure for Accessing the Performances of Hyperspectral Image Compression. , 0, , .		1
165	Tracking a Maneuvering Target in Clutter by a New Smoothing Particle Filter. , 0, , .		1
166	Implementation of Digital Detection Scheme for Closed-Loop FOG Based on DSP and FPGA. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2006, , .	0.0	1
167	Nonlinear Distance Measure Based Discriminant Pursuit Algorithm for Defects Classification in Ultrasonic NDT. , 2006, , .		1
168	Routing mobile agent to local regions for data fusion in distributed sensor networks. , 2008, , .		1
169	Shared chain mutual information measure for image fusion. , 2008, , .		1
170	A hybrid genetic algorithm for medical image registration with Downhill Simplex method. , 2009, , .		1
171	Kernel method based on normalized mutual information for hyperspectral image classification. , 2009, , .		1
172	Hyperspectral datum classification using kernel method based on mutual information of neighbor bands. Optoelectronics Letters, 2009, 5, 309-312.	0.8	1
173	An Integrated Guide and Control Strategy to Enhance the Precision of Guidance Laws. , 2009, , .		1
174	Protein Long Disordered Region Prediction Based on Profile-Level Disorder Propensities and Position-Specific Scoring Matrixes. , 2009, , .		1
175	Bhattacharyya distance based kernel method for hyperspectral data multi-class classification. , 2010, , .		1
176	Panoramic imaging of ultrasound videos based on multi-mixing measures. , 2010, , .		1
177	Effects of statistical distribution on nonlinear correlation coefficient. , 2011, , .		1
178	Blind Source Separation based on Compressed Sensing. , 2011, , .		1
179	Empirical mode decomposition based reducing false alarm filter for built-in test signal. , 2011, , .		1
180	Flaw detection in high speed train's rail based on EMD and PSD. , 2011, , .		1

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181	An Analytical Convolution Method Combined With the Conformal Fourier Transform for Solving 1-D Integral Equations. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1267-1269.	4.0	1
182	RIDGE REGRESSION MODEL-BASED ENSEMBLE EMPIRICAL MODE DECOMPOSITION FOR ULTRASOUND CLUTTER REJECTION. Advances in Adaptive Data Analysis, 2012, 04, 1250013.	0.6	1
183	Evaluation of several quantum genetic algorithms in medical image registration applications. , 2012, , .		1
184	Active fault-tolerant control for satellite system via learning unknown input observer. , 2012, , .		1
185	Optimized selection of random expander graphs for Compressive Sensing. , 2013, , .		1
186	X-ray pulsar signal denoising based on EMD with adaptive thresholding. , 2014, , .		1
187	Mode Decomposition Based Cepstrum Measurement of Scatterer Spacing with Ultrasonic Scattering. , 2014, , .		1
188	Electric differential control for electric vehicles based on EMD method. , 2016, , .		1
189	Non-uniform sampling photoacoustic microscope system based on low rank matrix completion. , 2016, , .		1
190	Robust $H_{\infty}$ fault diagnosis observer design for multiple satellites attitude synchronization with disturbance. , 2016, , .		1
191	Memory-based passive control design for complex networked fuzzy delta operator systems. Advances in Mechanical Engineering, 2017, 9, 168781401769914.	1.6	1
192	Dark channel prior principle and morphology based horizon detection method. , 2017, , .		1
193	Rail crack detection based on the adaptive noise cancellation method of EMD at high speed. , 2017, , .		1
194	Compressive hyperspectral imaging with spatial energy distribution information. , 2017, , .		1
195	Aerial remote sensing of underwater acoustic signal based on laser interference. , 2017, , .		1
196	Coupled denoising and unmixing with low rank constraint and hypergraph regularization for hyperspectral image. , 2017, , .		1
197	Modeling of wheel-rail coupling contact by submodeling technique for elastic wave propagation. , 2017, , .		1
198	Study on calibration algorithms of gyroscopic drift error that affected by the acceleration harmonic errors of vibration table. , 2017, , .		1

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199	Learning a Stable Local Manifold Representation for Hyperspectral Linear Dimensionality Reduction. , 2018, , .		1
200	Combined FATEMDâ€¢based band selection method for hyperspectral images. IET Image Processing, 2019, 13, 287-298.	2.5	1
201	Zonotopic reachable set estimation for bilinear systems with time-varying delays. International Journal of Systems Science, 2021, 52, 848-856.	5.5	1
202	Classification of Acoustic Emission Signals from Rail Cracks by Binary Particle Swarm Optimization Combined with SVM. , 2020, , .		1
203	Power measurement under nonsinusoidal and noisy conditions. , 0, , .		0
204	A new morphological algorithm for contour extraction on ultrasound image. , 0, , .		0
205	A wavelet-based method for the measuring particulate velocity by an active electrostatic sensor. , 0, , .		0
206	Noise reduction for quadrature Doppler ultrasound signal based on the adapted local cosine transform. , 0, , .		0
207	Noise reduction for Doppler ultrasound signal based on cycle-spinning and thresholding methods. , 0, , .		0
208	A Novel Scheme for Suppressing Velocity Ambiguity in Narrowband Blood Flow Velocity Estimation. , 0, , .		0
209	A Fast Medical Image Registration Method Based on Nonlinear Correlation Measurement. , 0, , .		0
210	A Method of Propagating Second Harmonic Suppression with Neural Network in Ultrasonic Imaging. , 0, , .		0
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