

Zhiping Lin

List of Publications by Year in descending order

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322
papers

6,051
citations

87888

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123424

61
g-index

327
all docs

327
docs citations

327
times ranked

4856
citing authors

#	ARTICLE	IF	CITATIONS
1	Voting based extreme learning machine. Information Sciences, 2012, 185, 66-77.	6.9	311
2	Self-Adaptive Evolutionary Extreme Learning Machine. Neural Processing Letters, 2012, 36, 285-305.	3.2	251
3	Driver Distraction Detection Using Semi-Supervised Machine Learning. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1108-1120.	8.0	167
4	Robust stability and stabilisation of 2D discrete state-delayed systems. Systems and Control Letters, 2004, 51, 277-291.	2.3	156
5	Deep CNNs for microscopic image classification by exploiting transfer learning and feature concatenation. , 2018, , .		149
6	Brain tumor grading based on Neural Networks and Convolutional Neural Networks. , 2015, 2015, 699-702.		137
7	Ensemble of subset online sequential extreme learning machine for class imbalance and concept drift. Neurocomputing, 2015, 149, 316-329.	5.9	134
8	Stacked Extreme Learning Machines. IEEE Transactions on Cybernetics, 2015, 45, 2013-2025.	9.5	112
9	Dimensionality Reduction and Classification of Hyperspectral Image via Multistructure Unified Discriminative Embedding. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	106
10	Structured Graph Learning for Scalable Subspace Clustering: From Single View to Multiview. IEEE Transactions on Cybernetics, 2022, 52, 8976-8986.	9.5	105
11	Prediction of cardiac arrest in critically ill patients presenting to the emergency department using a machine learning score incorporating heart rate variability compared with the modified early warning score. Critical Care, 2012, 16, R108.	5.8	95
12	Weighted Online Sequential Extreme Learning Machine for Class Imbalance Learning. Neural Processing Letters, 2013, 38, 465-486.	3.2	92
13	Composite function wavelet neural networks with extreme learning machine. Neurocomputing, 2010, 73, 1405-1416.	5.9	84
14	Meta-cognitive online sequential extreme learning machine for imbalanced and concept-drifting data classification. Neural Networks, 2016, 80, 79-94.	5.9	77
15	Robust H_{∞} filtering for Uncertain 2-D continuous systems. IEEE Transactions on Signal Processing, 2005, 53, 1731-1738.	5.3	73
16	Microring resonator-assisted Fourier transform spectrometer with enhanced resolution and large bandwidth in single chip solution. Nature Communications, 2019, 10, 2349.	12.8	73
17	Positive real control for uncertain two-dimensional systems. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2002, 49, 1659-1666.	0.1	70
18	Micro-Doppler Mini-UAV Classification Using Empirical-Mode Decomposition Features. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 227-231.	3.1	69

#	ARTICLE	IF	CITATIONS
19	Robust semi-supervised nonnegative matrix factorization for image clustering. Pattern Recognition, 2021, 111, 107683.	8.1	68
20	Prediction of adverse cardiac events in emergency department patients with chest pain using machine learning for variable selection. BMC Medical Informatics and Decision Making, 2014, 14, 75.	3.0	64
21	A direct-construction approach to multidimensional realization and LFR uncertainty modeling. Multidimensional Systems and Signal Processing, 2008, 19, 323-359.	2.6	63
22	Bayesian signal detection with compressed measurements. Information Sciences, 2014, 289, 241-253.	6.9	63
23	Constrained maximum correntropy adaptive filtering. Signal Processing, 2017, 140, 116-126.	3.7	62
24	Robust output feedback stabilization for two-dimensional continuous systems in roesser form. Applied Mathematics Letters, 2004, 17, 1331-1341.	2.7	57
25	Extreme Learning Machines on High Dimensional and Large Data Applications: A Survey. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	55
26	Feedback Stabilizability of MIMO n-D Linear Systems. Multidimensional Systems and Signal Processing, 1998, 9, 149-172.	2.6	54
27	Kernel based online learning for imbalance multiclass classification. Neurocomputing, 2018, 277, 139-148.	5.9	54
28	Wavelet Packet Multi-layer Perceptron for Chaotic Time Series Prediction: Effects of Weight Initialization. Lecture Notes in Computer Science, 2001, , 310-317.	1.3	54
29	Recursive identification of time-varying systems: Self-tuning and matrix RLS algorithms. Systems and Control Letters, 2014, 66, 104-110.	2.3	53
30	Extreme Learning Machine With Affine Transformation Inputs in an Activation Function. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2093-2107.	11.3	47
31	A Tutorial on GrÃ—ner Bases With Applications in Signals and Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2008, 55, 445-461.	5.4	46
32	Stability and stabilisation of linear multidimensional discrete systems in the frequency domain. International Journal of Control, 2013, 86, 1969-1989.	1.9	46
33	A New Elementary Operation Approach to Multidimensional Realization and LFR Uncertainty Modeling: The MIMO Case. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 638-651.	5.4	45
34	Discriminative clustering via extreme learning machine. Neural Networks, 2015, 70, 1-8.	5.9	45
35	Density-Dependent Quantized Least Squares Support Vector Machine for Large Data Sets. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 94-106.	11.3	45
36	A generalization of Serre's conjecture and some related issues. Linear Algebra and Its Applications, 2001, 338, 125-138.	0.9	43

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37	Notes on n-D Polynomial Matrix Factorizations. Multidimensional Systems and Signal Processing, 1999, 10, 379-393.	2.6	42
38	Positive real control of two-dimensional systems: Roesser models and linear repetitive processes. International Journal of Control, 2003, 76, 1047-1058.	1.9	42
39	Minimax Design of IIR Digital Filters Using a Sequential Constrained Least-Squares Method. IEEE Transactions on Signal Processing, 2010, 58, 3901-3906.	5.3	42
40	LMI approach to state-feedback stabilization of multidimensional systems. International Journal of Control, 2003, 76, 1428-1436.	1.9	41
41	A Robust Algorithm for Linearly Constrained Adaptive Beamforming. IEEE Signal Processing Letters, 2004, 11, 26-29.	3.6	41
42	Risk Scoring for Prediction of Acute Cardiac Complications from Imbalanced Clinical Data. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1894-1902.	6.3	41
43	Droplet optofluidic imaging for λ -bacteriophage detection via co-culture with host cell Escherichia coli. Lab on A Chip, 2014, 14, 3519-3524.	6.0	41
44	Applications and improvement of H.264 in medical video compression. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2005, 52, 2707-2716.	0.1	38
45	Design of Near Orthogonal Graph Filter Banks. IEEE Signal Processing Letters, 2015, 22, 701-704.	3.6	38
46	Robust Constrained Adaptive Filtering Under Minimum Error Entropy Criterion. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1119-1123.	3.0	38
47	An Intelligent Scoring System and Its Application to Cardiac Arrest Prediction. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1324-1331.	3.2	37
48	Heart rate variability risk score for prediction of acute cardiac complications in ED patients with chest pain. American Journal of Emergency Medicine, 2013, 31, 1201-1207.	1.6	37
49	Multichannel Electrocardiogram Reconstruction in Wireless Body Sensor Networks Through Weighted $\ell_{1,2}$ Minimization. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2024-2034.	4.7	37
50	Composite Function Wavelet Neural Networks with Differential Evolution and Extreme Learning Machine. Neural Processing Letters, 2011, 33, 251-265.	3.2	34
51	Non-fragile H_2 and H_∞ filter designs for polytopic two-dimensional systems in Roesser model. Multidimensional Systems and Signal Processing, 2010, 21, 255-275.	2.6	33
52	Extreme Learning Machine for Joint Embedding and Clustering. Neurocomputing, 2018, 277, 78-88.	5.9	33
53	The existence and design of functional observers for two-dimensional systems. Systems and Control Letters, 2012, 61, 362-368.	2.3	32
54	Face Recognition Based on Kernelized Extreme Learning Machine. Lecture Notes in Computer Science, 2011, , 263-272.	1.3	32

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55	Predicting time series with wavelet packet neural networks. , 0, , .		29
56	Multiplex spectral surface plasmon resonance imaging (SPRI) sensor based on the polarization control scheme. Optics Express, 2011, 19, 18965.	3.4	29
57	Optimal Feature Selection for Learning-Based Algorithms for Sentiment Classification. Cognitive Computation, 2020, 12, 238-248.	5.2	29
58	Efficient correntropy-based multi-view clustering with anchor graph embedding. Neural Networks, 2022, 146, 290-302.	5.9	29
59	A Constructive Approach to Stabilizability and Stabilization of a Class of nD Systems. Multidimensional Systems and Signal Processing, 2001, 12, 329-343.	2.6	28
60	Patient Outcome Prediction with Heart Rate Variability and Vital Signs. Journal of Signal Processing Systems, 2011, 64, 265-278.	2.1	28
61	Machine Learning in Prostate MRI for Prostate Cancer: Current Status and Future Opportunities. Diagnostics, 2022, 12, 289.	2.6	28
62	A New Constructive Procedure for 2-D Coprime Realization in Fornasini–Marchesini Model. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 2061-2069.	0.1	27
63	A Sequential Minimization Procedure for Minimax Design of IIR Filters Based on Second-Order Factor Updates. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 51-55.	3.0	27
64	Correntropy based graph regularized concept factorization for clustering. Neurocomputing, 2018, 316, 34-48.	5.9	27
65	Feedback stabilization of multivariable two-dimensional linear systems. International Journal of Control, 1988, 48, 1301-1317.	1.9	26
66	Limit of the Accuracy of Parameter Estimation for Moving Single Molecules Imaged by Fluorescence Microscopy. IEEE Transactions on Signal Processing, 2011, 59, 895-911.	5.3	26
67	Minimax Phase Error Design of IIR Digital Filters With Prescribed Magnitude and Phase Responses. IEEE Transactions on Signal Processing, 2012, 60, 980-986.	5.3	26
68	Data and feature mixed ensemble based extreme learning machine for medical object detection and segmentation. Multimedia Tools and Applications, 2016, 75, 2815-2837.	3.9	26
69	Feedback stabilization of MIMO 3-D linear systems. IEEE Transactions on Automatic Control, 1999, 44, 1950-1955.	5.7	25
70	Recursive adaptive algorithms for fast and rapidly time-varying systems. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2003, 50, 602-614.	2.2	25
71	Integrated state/disturbance observers for two-dimensional linear systems. IET Control Theory and Applications, 2015, 9, 1373-1383.	2.1	25
72	An adaptive graph learning method based on dual data representations for clustering. Pattern Recognition, 2018, 77, 126-139.	8.1	25

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73	An observational, prospective study exploring the use of heart rate variability as a predictor of clinical outcomes in pre-hospital ambulance patients. <i>Resuscitation</i> , 2008, 78, 289-297.	3.0	24
74	Optimal Design of Frequency-Response Masking Filters With Reduced Group Delays. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2008, 55, 1560-1570.	5.4	24
75	Biomedical image classification based on a feature concatenation and ensemble of deep CNNs. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 15455-15467.	4.9	24
76	Target Tracking in Mixed LOS/NLOS Environments Based on Individual Measurement Estimation and LOS Detection. <i>IEEE Transactions on Wireless Communications</i> , 2014, 13, 99-111.	9.2	23
77	Iterative Reweighted Minimax Phase Error Designs of IIR Digital Filters With Nearly Linear Phases. <i>IEEE Transactions on Signal Processing</i> , 2016, 64, 2416-2428.	5.3	23
78	An Analytic Gabor Feedforward Network for Single-Sample and Pose-Invariant Face Recognition. <i>IEEE Transactions on Image Processing</i> , 2018, 27, 2791-2805.	9.8	23
79	Stock Market Prediction Analysis by Incorporating Social and News Opinion and Sentiment. , 2018, , .		23
80	Improving the Doppler Resolution of Ground-Based Surveillance Radar for Drone Detection. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2019, 55, 3667-3673.	4.7	23
81	A Single-Chip Integrated Spectrometer via Tunable Microring Resonator Array. <i>IEEE Photonics Journal</i> , 2019, 11, 1-9.	2.0	22
82	A UAV classification system based on FMCW radar micro-Doppler signature analysis. <i>Expert Systems With Applications</i> , 2019, 132, 239-255.	7.6	22
83	A Maximally Split and Relaxed ADMM for Regularized Extreme Learning Machines. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 1899-1913.	11.3	22
84	Colorimetric surface plasmon resonance imaging (SPRI) biosensor array based on polarization orientation. <i>Biosensors and Bioelectronics</i> , 2013, 47, 545-552.	10.1	21
85	Quantitative Aspects of Single-Molecule Microscopy: Information-theoretic analysis of single-molecule data. <i>IEEE Signal Processing Magazine</i> , 2015, 32, 58-69.	5.6	21
86	Ensemble-Based Risk Scoring with Extreme Learning Machine for Prediction of Adverse Cardiac Events. <i>Cognitive Computation</i> , 2017, 9, 545-554.	5.2	21
87	Design of a light-field near-eye display using random pinholes. <i>Optics Express</i> , 2019, 27, 23763.	3.4	21
88	Efficient and Robust MultiView Clustering With Anchor Graph Regularization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022, 32, 6200-6213.	8.3	21
89	Calculation of the fisher information matrix for multidimensional data sets. <i>IEEE Transactions on Signal Processing</i> , 2003, 51, 2679-2691.	5.3	20
90	Applications of Gröbner bases to signal and image processing: a survey. <i>Linear Algebra and Its Applications</i> , 2004, 391, 169-202.	0.9	20

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91	On minor prime factorizations for n-D polynomial matrices. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2005, 52, 568-571.	2.2	20
92	Voting based weighted online sequential extreme learning machine for imbalance multi-class classification. , 2015, , .		20
93	Extraction and Cross-Matching of Palm-Vein and Palmprint From the RGB and the NIR Spectrums for Identity Verification. IEEE Access, 2020, 8, 4005-4021.	4.2	20
94	On syzygy modules for polynomial matrices. Linear Algebra and Its Applications, 1999, 298, 73-86.	0.9	19
95	Factorizations for n-D polynomial matrices. Circuits, Systems, and Signal Processing, 2001, 20, 601-618.	2.0	19
96	On the Applications of the Frequency-Response Masking Technique in Array Beamforming. Circuits, Systems, and Signal Processing, 2006, 25, 201-224.	2.0	19
97	Biomedical image classification based on a cascade of an SVM with a reject option and subspace analysis. Computers in Biology and Medicine, 2018, 96, 128-140.	7.0	19
98	Quadratic stability analysis and robust distributed controllers design for uncertain spatially interconnected systems. Journal of the Franklin Institute, 2018, 355, 7924-7961.	3.4	19
99	Dual semi-supervised convex nonnegative matrix factorization for data representation. Information Sciences, 2022, 585, 571-593.	6.9	19
100	Coefficient-dependent direct-construction approach to realization of multidimensional systems in Roesser model. Multidimensional Systems and Signal Processing, 2011, 22, 97-129.	2.6	18
101	Optimal Design of Constrained FIR Filters Without Phase Response Specifications. IEEE Transactions on Signal Processing, 2014, 62, 4532-4546.	5.3	18
102	A Gabor-based network for heterogeneous face recognition. Neurocomputing, 2017, 261, 253-265.	5.9	18
103	Classification of non-tumorous skin pigmentation disorders using voting based probabilistic linear discriminant analysis. Computers in Biology and Medicine, 2018, 99, 123-132.	7.0	18
104	A Line Feature Extraction Method for Finger-Knuckle-Print Verification. Cognitive Computation, 2019, 11, 50-70.	5.2	18
105	Cramer-Rao lower bound for parameter estimation in nonlinear systems. IEEE Signal Processing Letters, 2005, 12, 855-858.	3.6	17
106	Towards Imbalanced Image Classification: A Generative Adversarial Network Ensemble Learning Method. IEEE Access, 2020, 8, 88399-88409.	4.2	16
107	Extraction of Global and Local Micro-Doppler Signature Features From FMCW Radar Returns for UAV Detection. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1351-1360.	4.7	16
108	Achievable Accuracy of Parameter Estimation for Multidimensional NMR Experiments. Journal of Magnetic Resonance, 2002, 157, 1-16.	2.1	15

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109	Generic Model and Case Studies of Microwave Power Sensor Calibration Using Direct Comparison Transfer. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 1834-1839.	4.7	15
110	Random feature subspace ensemble based Extreme Learning Machine for liver tumor detection and segmentation. , 2014, 2014, 4675-8.		15
111	Robust nonnegative matrix factorization with local coordinate constraint for image clustering. Engineering Applications of Artificial Intelligence, 2020, 88, 103354.	8.1	15
112	Range-Doppler Detection in Automotive Radar with Deep Learning. , 2020, , .		15
113	Noise suppression of point spread functions and its influence on deconvolution of three-dimensional fluorescence microscopy image sets. Journal of Microscopy, 2005, 217, 93-108.	1.8	14
114	Scalable Fast Rate-Distortion Optimization for H.264/AVC. Eurasip Journal on Advances in Signal Processing, 2006, 2006, 1.	1.7	14
115	Robust orthogonal nonnegative matrix tri-factorization for data representation. Knowledge-Based Systems, 2020, 201-202, 106054.	7.1	14
116	Local discriminant time-frequency atoms for signal classification. Signal Processing, 1999, 72, 47-52.	3.7	13
117	An algebraic approach to strong stabilizability of linear nD MIMO systems. IEEE Transactions on Automatic Control, 2002, 47, 1510-1514.	5.7	13
118	An Improved Rate Control Algorithm for H.264. , 0, , .		13
119	Speed-up simulated annealing by parallel coordinates. European Journal of Operational Research, 2006, 173, 59-71.	5.7	13
120	Notes on minimal realizations of multidimensional systems. Multidimensional Systems and Signal Processing, 2015, 26, 519-553.	2.6	13
121	A center sliding Bayesian binary classifier adopting orthogonal polynomials. Pattern Recognition, 2015, 48, 2013-2028.	8.1	12
122	Weighted least squares design of 2-D FIR filters using a matrix-based generalized conjugate gradient method. Journal of the Franklin Institute, 2016, 353, 1759-1780.	3.4	12
123	A Sequential Partial Optimization Algorithm for Minimax Design of Separable-Denominator 2-D IIR Filters. IEEE Transactions on Signal Processing, 2017, 65, 876-887.	5.3	12
124	Imbalanced Adversarial Learning for Weather Image Generation and Classification. , 2018, , .		12
125	A robust speech detection algorithm in a microphone array teleconferencing system. , 0, , .		11
126	The Cramer-Rao lower bound for bilinear systems. IEEE Transactions on Signal Processing, 2006, 54, 1666-1680.	5.3	11

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127	Analysis and design of unknown input observers for a class of 2-D nonlinear systems. <i>Multidimensional Systems and Signal Processing</i> , 2013, 24, 621-635.	2.6	11
128	LLC encoded BoW features and softmax regression for microscopic image classification. , 2017, , .		11
129	Modeling general distributed nonstationary process and identifying time-varying autoregressive system by wavelets: theory and application. <i>Signal Processing</i> , 2001, 81, 1823-1848.	3.7	10
130	Investigation on driver stress utilizing ECG signals with on-board navigation systems in use. , 2016, , .		10
131	An EMD-based micro-Doppler signature analysis for mini-UAV blade flash reconstruction. , 2017, , .		10
132	A Novel Deep Learning based Neural Network for Heartbeat Detection in Ballistocardiograph. , 2018, 2018, 2563-2566.		10
133	Classification of Non-Tumorous Facial Pigmentation Disorders using Deep Learning and SMOTE. , 2019, , .		10
134	A matrix-based IRLS algorithm for the least $\ p\ _p$ -norm design of 2-D FIR filters. <i>Multidimensional Systems and Signal Processing</i> , 2019, 30, 1-15.	2.6	10
135	Semisupervised Hypergraph Discriminant Learning for Dimensionality Reduction of Hyperspectral Image. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 4242-4256.	4.9	10
136	Further Results on n-D Polynomial Matrix Factorizations. <i>Multidimensional Systems and Signal Processing</i> , 2001, 12, 199-208.	2.6	9
137	State Space Realization of a Three-dimensional Image Set with Application to Noise Reduction of Fluorescent Microscopy Images of Cells. <i>Multidimensional Systems and Signal Processing</i> , 2005, 16, 7-47.	2.6	9
138	Risk stratification for prediction of adverse coronary events in emergency department chest pain patients with a machine learning score compared with the TIMI score. <i>International Journal of Cardiology</i> , 2014, 177, 1095-1097.	1.7	9
139	Cluster Regularized Extreme Learning Machine for Detecting Mixed-Type Distraction in Driving. , 2015, , .		9
140	Manifold ranking based scoring system with its application to cardiac arrest prediction: A retrospective study in emergency department patients. <i>Computers in Biology and Medicine</i> , 2015, 67, 74-82.	7.0	9
141	Hybrid threshold optimization between global image and local regions in image segmentation for melasma severity assessment. <i>Multidimensional Systems and Signal Processing</i> , 2017, 28, 977-994.	2.6	9
142	Robust Positive Real Synthesis for 2D Continuous Systems via State and Output Feedback. <i>Circuits, Systems, and Signal Processing</i> , 2005, 24, 183-199.	2.0	8
143	An efficient coding scheme based on image alignment for H.264/AVC. , 2009, , .		8
144	On minimal realizations of first-degree 3D systems with separable denominators. <i>Multidimensional Systems and Signal Processing</i> , 2017, 28, 305-314.	2.6	8

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145	Almost Tight Rational Coefficients Biorthogonal Wavelet Filters. IEEE Signal Processing Letters, 2018, 25, 748-752.	3.6	8
146	Twin SVM with a reject option through ROC curve. Journal of the Franklin Institute, 2018, 355, 1710-1732.	3.4	8
147	Automatic Modulation Classification of Cochannel Signals using Deep Learning. , 2018, , .		8
148	Supervised Autoencoder Joint Learning on Heterogeneous Tactile Sensory Data: Improving Material Classification Performance. , 2020, , .		8
149	An extreme learning machine for unsupervised online anomaly detection in multivariate time series. Neurocomputing, 2022, 501, 596-608.	5.9	8
150	Feedback stabilization of MIMO nD linear systems. IEEE Transactions on Automatic Control, 2000, 45, 2419-2424.	5.7	7
151	Some algebraic aspects of the strong stabilizability of time-delay linear systems. IEEE Transactions on Automatic Control, 2001, 46, 454-457.	5.7	7
152	Design of Arbitrary Complex Coefficient WLS FIR Filters With Group Delay Constraints. IEEE Transactions on Signal Processing, 2009, 57, 3274-3279.	5.3	7
153	Orthogonal Wavelet Filters with Minimum RMS Bandwidth. IEEE Signal Processing Letters, 2014, 21, 819-823.	3.6	7
154	Sequential extreme learning machine incorporating survival error potential. Neurocomputing, 2015, 155, 194-204.	5.9	7
155	A matrix iterative algorithm for the WLS design of variable fractional delay FIR filters. , 2016, , .		7
156	Two-stage structured learning approach for stable occupancy detection. , 2016, , .		7
157	Deterministic construction of sparse binary matrices via incremental integer optimization. Information Sciences, 2018, 430-431, 504-518.	6.9	7
158	A Siamese Network Utilizing Image Structural Differences For Cross-Category Defect Detection. , 2020, , .		7
159	Asymptotic stability analysis and model reduction for spatially interconnected time-delay systems. Journal of the Franklin Institute, 2020, 357, 12670-12699.	3.4	7
160	Robust Real-time Face Tracking for People Wearing Face Masks. , 2020, , .		7
161	Real-Time Illegal Parking Detection Algorithm in Urban Environments. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20572-20587.	8.0	7
162	Combined Polynomial Transform and Radix-q Algorithm for Multi-dimensional DCT-III. Multidimensional Systems and Signal Processing, 2002, 13, 79-99.	2.6	6

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163	Comments on "Stability tests of N-dimensional discrete time systems using polynomial arrays. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2003, 50, 666-669.	2.2	6
164	A scalable fast mode decision algorithm for H.264. , 0, , .		6
165	Revisiting the Absolutely Minimal Realization for Two-dimensional Digital Filters. , 2007, , .		6
166	Asymptotic unknown input observers for two-dimensional systems. , 2011, , .		6
167	The detection bound of the probability of error in compressed sensing using Bayesian approach. , 2012, , .		6
168	Effects of noisy sounds on human stress using ECG signals: An empirical study. , 2015, , .		6
169	A finite frequency domain approach to fault detection observer design for 2-D continuous systems. , 2015, , .		6
170	EMD-Based Entropy Features for micro-Doppler Mini-UAV Classification. , 2018, , .		6
171	Robust sparse nonnegative matrix factorization based on maximum correntropy criterion. , 2018, , .		6
172	Blockwise Recursive Mooreâ€“Penrose Inverse for Network Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3237-3250.	9.3	6
173	A Computational Method for Determining Strong Stabilizability of n-D Systems. Journal of Symbolic Computation, 1999, 27, 479-499.	0.8	5
174	A stochastic method for minimizing functions with many minima. , 0, , .		5
175	A Â Approach to Robust Stability Analysis of nD Discrete Systems. Multidimensional Systems and Signal Processing, 2004, 15, 277-293.	2.6	5
176	Target tracking in mixed LOS/NLOS environments based on individual TOA measurement detection. , 2010, , .		5
177	Voting base online sequential extreme learning machine for multi-class classification. , 2013, , .		5
178	Evolutionary Voting-Based Extreme Learning Machines. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	5
179	Validation of a risk scoring model for prediction of acute cardiac complications in chest pain patients presenting to the Emergency Department. International Journal of Cardiology, 2014, 176, 1091-1093.	1.7	5
180	Passive TDOA and DOA based HF geolocation without ionosphere information. , 2015, , .		5

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181	Extreme Learning Machine on High Dimensional and Large Data Applications. Mathematical Problems in Engineering, 2015, 2015, 1-2.	1.1	5
182	Graph QMF with flatness constraints. , 2015, , .		5
183	Extreme learning machine based mutual information estimation with application to time-series change-points detection. Neurocomputing, 2017, 261, 204-216.	5.9	5
184	Towards precise tracking of electric-mechanical cardiac time intervals through joint ECG and BCG sensing and signal processing. , 2017, 2017, 751-754.		5
185	ECG Signal Processing and Analysis for Data Arising from Rehab Patients Doing Exercises. , 2018, , .		5
186	Stretchy binary classification. Neural Networks, 2018, 97, 74-91.	5.9	5
187	Multicomponent Signal Decomposition Using Morphological Operations. , 2018, , .		5
188	A Class of IIR Filters Synthesized Using Frequency-Response Masking Technique. IEEE Signal Processing Letters, 2019, 26, 1693-1697.	3.6	5
189	Fully Decoupled Neural Network Learning Using Delayed Gradients. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6013-6020.	11.3	5
190	Melasma Image Segmentation Using Extreme Learning Machine. Proceedings in Adaptation, Learning and Optimization, 2015, , 369-377.	1.6	5
191	State-dependent vector hybrid linear and nonlinear ARMA modeling: Theory. Circuits, Systems, and Signal Processing, 2001, 20, 551-574.	2.0	4
192	State-dependent vector hybrid linear and nonlinear ARMA modeling: Applications. Circuits, Systems, and Signal Processing, 2001, 20, 575-597.	2.0	4
193	Signal Processing for Large Bandwidth and Long Duration Waveform SAR. Multidimensional Systems and Signal Processing, 2003, 14, 119-137.	2.6	4
194	A Constructive Procedure for Multidimensional Realization and LFR Uncertainty Modelling. , 0, , .		4
195	FIR filter design with group delay constraint using semidefinite programming. , 0, , .		4
196	Non-fragile H _∞ filter design for polytopic 2-D systems in Fornasini-Marchesini model. , 2010, , .		4
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