Zhiping Lin

List of Publications by Year
in descending order

322 papers	6,051 citations	87888 38 h-index	123424 61 g-index
327 all docs	327 docs citations	327 times ranked	4856 citing authors

#	Article	IF	Citations
1	Biomedical image classification based on a feature concatenation and ensemble of deep CNNs. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 15455-15467.	4.9	24
2	An Accelerated Maximally Split ADMM for a Class of Generalized Ridge Regression. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 958-972.	11.3	4
3	Fully Decoupled Neural Network Learning Using Delayed Gradients. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6013-6020.	11.3	5
4	Blockwise Recursive Moore–Penrose Inverse for Network Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3237-3250.	9.3	6
5	Structured Graph Learning for Scalable Subspace Clustering: From Single View to Multiview. IEEE Transactions on Cybernetics, 2022, 52, 8976-8986.	9.5	105
6	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
7	Dual semi-supervised convex nonnegative matrix factorization for data representation. Information Sciences, 2022, 585, 571-593.	6.9	19
8	Efficient correntropy-based multi-view clustering with anchor graph embedding. Neural Networks, 2022, 146, 290-302.	5.9	29
9	Machine Learning in Prostate MRI for Prostate Cancer: Current Status and Future Opportunities. Diagnostics, 2022, 12, 289.	2.6	28
10	Efficient and Robust MultiView Clustering With Anchor Graph Regularization. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6200-6213.	8.3	21
11	Fast Fault Diagnosis Method Of Rolling Bearings In Multi-Sensor Measurement Enviroment. , 2022, , .		1
12	Multiple Temporal Context Embedding Networks for Unsupervised time Series Anomaly Detection. , 2022, , .		1
13	Real-Time Illegal Parking Detection Algorithm in Urban Environments. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 20572-20587.	8.0	7
14	An extreme learning machine for unsupervised online anomaly detection in multivariate time series. Neurocomputing, 2022, 501, 596-608.	5.9	8
15	Automated and precise heartbeat detection in ballistocardiography signals using bidirectional LSTM. , 2022, 1, 30-38.		2
16	Robust semi-supervised nonnegative matrix factorization for image clustering. Pattern Recognition, 2021, 111, 107683.	8.1	68
17	Generalised KYP lemma with its application in finite frequency H_∞ distributed filter design for nonideally interconnected networked control systems. International Journal of Systems Science, 2021, 52, 635-656.	5.5	3
18	A Novel Normalized Variance-Based Differential Power Analysis Against Masking Countermeasures. IEEE Transactions on Information Forensics and Security, 2021, 16, 3767-3779.	6.9	3

#	Article	IF	Citations
19	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
20	Normalized Differential Power Analysis - for Ghost Peaks Mitigation. , 2021, , .		1
21	Design of Orthogonal Wavelet Filters with Minimum RMS Bandwidth Using A Symbolic Approach. , 2021, , .		2
22	Extraction of category orthonormal subspace for multi-class classification. Journal of the Franklin Institute, 2021, 358, 5089-5112.	3.4	0
23	Correlation Projection for Analytic Learning of a Classification Network. Neural Processing Letters, 2021, 53, 3893.	3.2	1
24	On Explainability and Sensor-Adaptability of a Robot Tactile Texture Representation Using a Two-Stage Recurrent Networks. , 2021, , .		1
25	Classification of Non-tumorous Facial Pigmentation Disorders Using Generative Adversarial Networks and Improved SMOTE. , 2021, 2021, 3770-3773.		2
26	A Maximally Split and Relaxed ADMM for Regularized Extreme Learning Machines. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 1899-1913.	11.3	22
27	Optimal Feature Selection for Learning-Based Algorithms for Sentiment Classification. Cognitive Computation, 2020, 12, 238-248.	5.2	29
28	Robust nonnegative matrix factorization with local coordinate constraint for image clustering. Engineering Applications of Artificial Intelligence, 2020, 88, 103354.	8.1	15
29	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
30	Training a multilayer network with low-memory kernel-and-range projection. Journal of the Franklin Institute, 2020, 357, 522-550.	3.4	4
31	A Siamese Network Utilizing Image Structural Differences For Cross-Category Defect Detection. , 2020, , .		7
32	Semisupervised Hypergraph Discriminant Learning for Dimensionality Reduction of Hyperspectral Image. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4242-4256.	4.9	10
33	Range-Doppler Detection in Automotive Radar with Deep Learning. , 2020, , .		15
34	Asymptotic stability analysis and model reduction for spatially interconnected time-delay systems. Journal of the Franklin Institute, 2020, 357, 12670-12699.	3.4	7
35	Robust orthogonal nonnegative matrix tri-factorization for data representation. Knowledge-Based Systems, 2020, 201-202, 106054.	7.1	14
36	Towards Imbalanced Image Classification: A Generative Adversarial Network Ensemble Learning Method. IEEE Access, 2020, 8, 88399-88409.	4.2	16

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37	Identification of Stress State for Drivers Under Different GPS Navigation Modes. IEEE Access, 2020, 8, 102773-102783.	4.2	4
38	Comparing ELM with SVM in the Field of Sentiment Classification of Social Media Text Data. Proceedings in Adaptation, Learning and Optimization, 2020, , 336-344.	1.6	0
39	Robust Real-time Face Tracking for People Wearing Face Masks. , 2020, , .		7
40	Real-Time Multiple Object Tracking with Discriminative Features. , 2020, , .		0
41	Searching for High Accuracy Mix-Bitwidth Network Architecture. , 2020, , .		0
42	Supervised Autoencoder Joint Learning on Heterogeneous Tactile Sensory Data: Improving Material Classification Performance. , 2020, , .		8
43	An Alternating Variable Technique for the Constrained Minimax Design of Frequency-Response-Masking Filters. Circuits, Systems, and Signal Processing, 2019, 38, 827-846.	2.0	4
44	Minimax Magnitude Response Approximation of Pole-radius Constrained IIR Digital Filters. , 2019, , .		1
45	A two-stage method for automated detection of ring-like endosomes in fluorescent microscopy images. PLoS ONE, 2019, 14, e0218931.	2.5	4
46	Dual Graph Regularized Sparse Nonnegative Matrix Factorization for Data Representation. , 2019, , .		1
47	A Class of IIR Filters Synthesized Using Frequency-Response Masking Technique. IEEE Signal Processing Letters, 2019, 26, 1693-1697.	3.6	5
48	A Single-Chip Integrated Spectrometer via Tunable Microring Resonator Array. IEEE Photonics Journal, 2019, 11, 1-9.	2.0	22
49	Improving the Doppler Resolution of Ground-Based Surveillance Radar for Drone Detection. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 3667-3673.	4.7	23
50	Microring resonator-assisted Fourier transform spectrometer with enhanced resolution and large bandwidth in single chip solution. Nature Communications, 2019, 10, 2349.	12.8	73
51	A UAV classification system based on FMCW radar micro-Doppler signature analysis. Expert Systems With Applications, 2019, 132, 239-255.	7.6	22
52	Classification of Non-Tumorous Facial Pigmentation Disorders using Deep Learning and SMOTE. , 2019, , .		10
53	Design of Pipelined IIR Filters Using Two-Stage Frequency-Response Masking Technique. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 873-877.	3.0	4
54	Augmented EMD for complexâ€valued univariate signals. IET Signal Processing, 2019, 13, 424-433.	1.5	2

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55	Classification of Non-Tumorous Facial Pigmentation Disorders Using Improved Smote and Transfer Learning. , 2019, , .		3
56	A Low-Memory Learning Formulation for a Kernel-and-Range Network. , 2019, , .		3
57	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
58	Output feedback stabilization of two-dimensional fuzzy systems. Multidimensional Systems and Signal Processing, 2019, 30, 1731-1748.	2.6	4
59	A Line Feature Extraction Method for Finger-Knuckle-Print Verification. Cognitive Computation, 2019, 11, 50-70.	5.2	18
60	A matrix-based IRLS algorithm for the least $${l}_{p}$$ l p -norm design of 2-D FIR filters. Multidimensional Systems and Signal Processing, 2019, 30, 1-15.	2.6	10
61	Design of a light-field near-eye display using random pinholes. Optics Express, 2019, 27, 23763.	3.4	21
62	A Normalized Mutual Information Estimator Compensating Variance Fluctuations for Motion Detection. Proceedings in Adaptation, Learning and Optimization, 2019, , 46-57.	1.6	0
63	An Analytic Gabor Feedforward Network for Single-Sample and Pose-Invariant Face Recognition. IEEE Transactions on Image Processing, 2018, 27, 2791-2805.	9.8	23
64	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
65	Micro-Doppler Mini-UAV Classification Using Empirical-Mode Decomposition Features. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 227-231.	3.1	69
66	Recent advances in machine learning for signal analysis and processing. Journal of the Franklin Institute, 2018, 355, 1513-1516.	3.4	1
67	A Sequential Partial Optimization Algorithm with Guaranteed Convergence for Minimax Design of IIR Digital Filters. Circuits, Systems, and Signal Processing, 2018, 37, 4336-4362.	2.0	2
68	Deterministic construction of sparse binary matrices via incremental integer optimization. Information Sciences, 2018, 430-431, 504-518.	6.9	7
69	Exploiting the categorical reliability difference for binary classification. Journal of the Franklin Institute, 2018, 355, 2022-2040.	3.4	2
70	An adaptive graph learning method based on dual data representations for clustering. Pattern Recognition, 2018, 77, 126-139.	8.1	25
71	Direction finding and multipath mitigation using single antenna. , 2018, , .		3
72	ECG Signal Processing and Analysis for Data Arising from Rehab Patients Doing Exercises. , 2018, , .		5

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73	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
74	Almost Tight Rational Coefficients Biorthogonal Wavelet Filters. IEEE Signal Processing Letters, 2018, 25, 748-752.	3.6	8
75	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
76	DOA estimation with a rotational uniform linear array (RULA) and unknown spatial noise covariance. Multidimensional Systems and Signal Processing, 2018, 29, 537-561.	2.6	2
77	Twin SVM with a reject option through ROC curve. Journal of the Franklin Institute, 2018, 355, 1710-1732.	3.4	8
78	Stretchy binary classification. Neural Networks, 2018, 97, 74-91.	5.9	5
79	Kernel based online learning for imbalance multiclass classification. Neurocomputing, 2018, 277, 139-148.	5.9	54
80	Extreme Learning Machine for Joint Embedding and Clustering. Neurocomputing, 2018, 277, 78-88.	5.9	33
81	Automatic Modulation Classification of Cochannel Signals using Deep Learning. , 2018, , .		8
82	Stock Market Prediction Analysis by Incorporating Social and News Opinion and Sentiment. , 2018, , .		23
83	Design of Recursive Filters Using Frequency-Response Masking Technique. , 2018, , .		0
84	Imbalanced Adversarial Learning for Weather Image Generation and Classification. , 2018, , .		12
85	A Bi-matrix-based Conjugate Gradient Algorithm for the WLS Design of Centro-symmetric 2-D FIR Filters. , 2018, , .		1
86	Multicomponent Signal Decomposition Using Morphological Operations. , 2018, , .		5
87	EMD-Based Entropy Features for micro-Doppler Mini-UAV Classification. , 2018, , .		6
88	Robust Constrained Recursive Least P-Power Algorithm for Adaptive Filtering. , 2018, , .		0
89	A Relaxed ADMM Algorithm for WLS Design of Linear-Phase 2D FIR Filters. , 2018, , .		3
90	Robust sparse nonnegative matrix factorization based on maximum correntropy criterion. , 2018, , .		6

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91	A Novel Deep Learning based Neural Network for Heartbeat Detection in Ballistocardiograph. , 2018, 2018, 2563-2566.		10
92	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
93	A Novel Relaxed ADMM with Highly Parallel Implementation for Extreme Learning Machine. , 2018, , .		3
94	An Iterative Reweighted Minimax Algorithm for the Design of FRM-based Two-channel QMF Banks. , 2018, , .		1
95	Deep CNNs for microscopic image classification by exploiting transfer learning and feature concatenation. , 2018, , .		149
96	Correntropy based graph regularized concept factorization for clustering. Neurocomputing, 2018, 316, 34-48.	5.9	27
97	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
98	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
99	On minimal realizations of first-degree 3D systems with separable denominators. Multidimensional Systems and Signal Processing, 2017, 28, 305-314.	2.6	8
100	Hybrid threshold optimization between global image and local regions in image segmentation for melasma severity assessment. Multidimensional Systems and Signal Processing, 2017, 28, 977-994.	2.6	9
101	A Gabor-based network for heterogeneous face recognition. Neurocomputing, 2017, 261, 253-265.	5.9	18
102	Ensemble-Based Risk Scoring with Extreme Learning Machine for Prediction of Adverse Cardiac Events. Cognitive Computation, 2017, 9, 545-554.	5.2	21
103	Extreme learning machine based mutual information estimation with application to time-series change-points detection. Neurocomputing, 2017, 261, 204-216.	5.9	5
104	Constrained maximum correntropy adaptive filtering. Signal Processing, 2017, 140, 116-126.	3.7	62
105	LLC encoded BoW features and softmax regression for microscopic image classification. , 2017, , .		11
106	Document image binarization via optimized hybrid thresholding. , 2017, , .		3
107	Almost minimax design of FIR filter using an IRLS algorithm without matrix inversion. , 2017, , .		0
108	Analytic radar micro-Doppler signatures classification. Proceedings of SPIE, 2017, , .	0.8	0

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109	An improved MTI filter for ground clutter reduction in UAV classification. , 2017, , .		0
110	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
111	Towards precise tracking of electric-mechanical cardiac time intervals through joint ECG and BCG sensing and signal processing. , 2017, 2017, 751-754.		5
112	Design of IIR frequency-response masking filters with near linear phase using constrained optimization. , 2017, , .		3
113	Rodent brain extraction using B-spline based deformable model. , 2017, 2017, 313-316.		0
114	Automatic endosomal structure detection and localization in fluorescence microscopic images. , 2017, 2017, .		2
115	An EMD-based micro-Doppler signature analysis for mini-UAV blade flash reconstruction. , 2017, , .		10
116	Design of sparse frequency-response masking filters with arbitrary delay using li-Minimization. , 2017, , .		1
117	An improved image segmentation method for melasma severity assessment. , 2017, , .		1
118	Design of orthogonal filterbanks with rational coefficients using Grobner bases. , 2017, , .		4
119	Excavation devices classification using enhanced acoustics by MVDR beamforming with a cross microphone array. , 2016, , .		2
120	Investigation on driver stress utilizing ECG signals with on-board navigation systems in use. , 2016, , .		10
121	A matrix iterative algorithm for the WLS design of variable fractional delay FIR filters. , 2016, , .		7
122	Efficient representation learning for high-dimensional imbalance data. , 2016, , .		4
123	Biorthogonal filter banks constructed from four halfband filters. , 2016, , .		3
124	Reaction-diffusion based level set method with local entropy thresholding for melasma image segmentation. , 2016, , .		2
125	Meta-cognitive online sequential extreme learning machine for imbalanced and concept-drifting data classification. Neural Networks, 2016, 80, 79-94.	5.9	77
126	A parameter-free Cauchy-Schwartz information measure for independent component analysis. , 2016, , .		1

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127	Two-stage structured learning approach for stable occupancy detection. , 2016, , .		7
128	Template based rodent brain extraction and atlas mapping. , 2016, 2016, 4063-4066.		2
129	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
130	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
131	Iterative Reweighted Minimax Phase Error Designs of IIR Digital Filters With Nearly Linear Phases. IEEE Transactions on Signal Processing, 2016, 64, 2416-2428.	5.3	23
132	Driver Distraction Detection Using Semi-Supervised Machine Learning. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 1108-1120.	8.0	167
133	Analysis of patient outcome using ECG and extreme learning machine ensemble. , 2015, , .		2
134	Performance bound of multiple hypotheses classification in compressed sensing. , 2015, , .		3
135	Effects of noisy sounds on human stress using ECG signals: An empirical study. , 2015, , .		6
136	Acoustic detection of excessive lung water using sub-band features. , 2015, , .		1
137	Hybrid classifiers ensemble with an undersampling scheme for liver tumor segmentation. , 2015, , .		2
138	A finite frequency domain approach to fault detection observer design for 2-D continuous systems. , 2015, , .		6
139	Observer-based Hâ^ž reliable control for 2-D fuzzy systems. , 2015, , .		0
140	Passive TDOA and DOA based HF geolocation without ionosphere information. , 2015, , .		5
141	Extreme Learning Machines on High Dimensional and Large Data Applications: A Survey. Mathematical Problems in Engineering, 2015, 2015, 1-13.	1.1	55
142	Extreme Learning Machine on High Dimensional and Large Data Applications. Mathematical Problems in Engineering, 2015, 2015, 1-2.	1.1	5
143	A dictionary updating scheme incorporating words elimination into Quantized Kernel Least-Mean-Squares for changing environments. , 2015, , .		1
144	Cluster Regularized Extreme Learning Machine for Detecting Mixed-Type Distraction in Driving. , 2015, , .		9

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145	Limit of the accuracy of parameter estimation for two molecules moving in close proximity. , 2015, 2015, 441-444.		0
146	Effects of two new features of approximate entropy and sample entropy on cardiac arrest prediction. , 2015, , .		4
147	2-D DOA estimation with virtual sensors. , 2015, , .		0
148	Manifold ranking based scoring system with its application to cardiac arrest prediction: A retrospective study in emergency department patients. Computers in Biology and Medicine, 2015, 67, 74-82.	7.0	9
149	Graph QMF with flatness constraints. , 2015, , .		5
150	Towards numerical temporal-frequency system modelling of associations between electrocardiogram and ballistocardiogram. , 2015, 2015, 394-7.		2
151	Landmark recognition via sparse representation. , 2015, , .		3
152	Voting based weighted online sequential extreme learning machine for imbalance multi-class classification. , 2015, , .		20
153	Quantitative Aspects of Single-Molecule Microscopy: Information-theoretic analysis of single-molecule data. IEEE Signal Processing Magazine, 2015, 32, 58-69.	5.6	21
154	Sequential extreme learning machine incorporating survival error potential. Neurocomputing, 2015, 155, 194-204.	5.9	7
155	A center sliding Bayesian binary classifier adopting orthogonal polynomials. Pattern Recognition, 2015, 48, 2013-2028.	8.1	12
156	Notes on minimal realizations of multidimensional systems. Multidimensional Systems and Signal Processing, 2015, 26, 519-553.	2.6	13
157	Discriminative clustering via extreme learning machine. Neural Networks, 2015, 70, 1-8.	5.9	45
158	Integrated state/disturbance observers for twoâ€dimensional linear systems. IET Control Theory and Applications, 2015, 9, 1373-1383.	2.1	25
159	Design of Near Orthogonal Graph Filter Banks. IEEE Signal Processing Letters, 2015, 22, 701-704.	3.6	38
160	Quantitative photothermal phase imaging of red blood cells using digital holographic photothermal microscope. Applied Optics, 2015, 54, 4478.	1.8	2
161	Novel real-time system design for floating-point sub-Nyquist multi-coset signal blind reconstruction. , 2015, , .		4
162	Recent advances in multidimensional systems and signal processing: An overview. , 2015, , .		2

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163	An SVM based scoring evaluation system for fluorescence microscopic image classification. , 2015, , .		3
164	Brain tumor grading based on Neural Networks and Convolutional Neural Networks. , 2015, 2015, 699-702.		137
165	Stacked Extreme Learning Machines. IEEE Transactions on Cybernetics, 2015, 45, 2013-2025.	9.5	112
166	Ensemble of subset online sequential extreme learning machine for class imbalance and concept drift. Neurocomputing, 2015, 149, 316-329.	5.9	134
167	Melasma Image Segmentation Using Extreme Learning Machine. Proceedings in Adaptation, Learning and Optimization, 2015, , 369-377.	1.6	5
168	Bayesian signal detection with compressed measurements. Information Sciences, 2014, 289, 241-253.	6.9	63
169	Empirical survival error potential weighted least squares for binary pattern classification. , 2014, , .		1
170	Effect of time discretization of the imaging process on the accuracy of trajectory estimation in fluorescence microscopy. Optics Express, 2014, 22, 20396.	3.4	3
171	A sequential weighted least squares procedure for design of IIR filters and two-channel IIR filter banks. , 2014, , .		3
172	Abdominal wall extraction using constrained deformable model and abdominal context. , 2014, 2014, 4699-702.		0
173	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
174	Evolutionary Voting-Based Extreme Learning Machines. Mathematical Problems in Engineering, 2014, 2014, 1-7.	1.1	5
175	Recursive identification of time-varying systems: Self-tuning and matrix RLS algorithms. Systems and Control Letters, 2014, 66, 104-110.	2.3	53
176	Target Tracking in Mixed LOS/NLOS Environments Based on Individual Measurement Estimation and LOS Detection. IEEE Transactions on Wireless Communications, 2014, 13, 99-111.	9.2	23
177	Risk stratification for prediction of adverse coronary events in emergency department chest pain patients with a machine learning score compared with the TIMI score. International Journal of Cardiology, 2014, 177, 1095-1097.	1.7	9
178	Random feature subspace ensemble based Extreme Learning Machine for liver tumor detection and segmentation. , 2014, 2014, 4675-8.		15
179	Microwave power sensor calibration using direct comparison technique with different adaptors. , 2014, , .		0
180	Droplet optofluidic imaging for Î»-bacteriophage detection via co-culture with host cell Escherichia coli. Lab on A Chip, 2014, 14, 3519-3524.	6.0	41

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181	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
182	Optimal Design of Constrained FIR Filters Without Phase Response Specifications. IEEE Transactions on Signal Processing, 2014, 62, 4532-4546.	5.3	18
183	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
184	Orthogonal Wavelet Filters with Minimum RMS Bandwidth. IEEE Signal Processing Letters, 2014, 21, 819-823.	3.6	7
185	Analysis and design of unknown input observers for a class of 2-D nonlinear systems. Multidimensional Systems and Signal Processing, 2013, 24, 621-635.	2.6	11
186	Weighted Online Sequential Extreme Learning Machine for Class Imbalance Learning. Neural Processing Letters, 2013, 38, 465-486.	3.2	92
187	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
188	Gating and robust EKF based target tracking in mixed LOS/NLOS environments. , 2013, , .		2
189	Stability and stabilisation of linear multidimensional discrete systems in the frequency domain. International Journal of Control, 2013, 86, 1969-1989.	1.9	46
190	One-vs-all for class imbalance learning. , 2013, , .		3
191	Location estimation from a single mobile rotated antenna. , 2013, , .		2
192	Colorimetric surface plasmon resonance imaging (SPRI) biosensor array based on polarization orientation. Biosensors and Bioelectronics, 2013, 47, 545-552.	10.1	21
193	Influence of prior knowledge on the accuracy limit of parameter estimation in single-molecule fluorescence microscopy. , 2013, 2013, 1304-1307.		2
194	Design and application of allpass filters with equiripple group delay errors. , 2013, , .		3
195	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
196	Voting base online sequential extreme learning machine for multi-class classification. , 2013, , .		5
197	DIRECT COMPARISON TRANSFER OF MICROWAVE POWER SENSOR CALIBRATION WITH AN ADAPTOR: MODELING AND EVALUATION. Progress in Electromagnetics Research Letters, 2013, 38, 25-34.	0.7	2
198	Road-constraint assisted target tracking in mixed LOS/NLOS environments based on TDOA measurements. , 2012, , .		4

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199	The detection bound of the probability of error in compressed sensing using Bayesian approach. , 2012, , .		6
200	Effect of time discretization on the limit of the accuracy of parameter estimation for moving single molecules imaged by fluorescence microscopy. , 2012, 2012, 1228-1231.		0
201	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
202	Self-Adaptive Evolutionary Extreme Learning Machine. Neural Processing Letters, 2012, 36, 285-305.	3.2	251
203	Scene change detection using motion vectors and dc components of prediction residual in H.264 compressed videos. , 2012, , .		1
204	Robust unbiased H<inf>&#x221E;</inf> filtering for uncertain two-dimensional systems. , 2012, , .		0
205	Coaxial power sensor calibration with adaptor by direct comparison transfer. , 2012, , .		3
206	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
207	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
208	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
209	Eigenvalues and equivalent transformation of a trigonometric matrix associated with filter design. Linear Algebra and Its Applications, 2012, 437, 2961-2972.	0.9	0
210	Voting based extreme learning machine. Information Sciences, 2012, 185, 66-77.	6.9	311
211	On eigenvalues and equivalent transformation of trigonometric matrices. Linear Algebra and Its Applications, 2012, 436, 71-78.	0.9	3
212	The existence and design of functional observers for two-dimensional systems. Systems and Control Letters, 2012, 61, 362-368.	2.3	32
213	Asymptotic unknown input observers for two-dimensional systems. , 2011, , .		6
214	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
215	Multiplex spectral surface plasmon resonance imaging (SPRI) sensor based on the polarization control scheme. Optics Express, 2011, 19, 18965.	3.4	29
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