Badong Chen

List of Publications by Year
in descending order

303 papers	9,392 citations	47006 47 h-index	56724 83 g-index
304 all docs	304 docs citations	304 times ranked	4102 citing authors

#	Article	IF	Citations
1	Maximum correntropy Kalman filter. Automatica, 2017, 76, 70-77.	5.0	533
2	Generalized Correntropy for Robust<?Pub _newline ?>Adaptive Filtering. IEEE Transactions on Signal Processing, 2016, 64, 3376-3387.	5.3	515
3	Quantized Kernel Least Mean Square Algorithm. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 22-32.	11.3	356
4	Steady-State Mean-Square Error Analysis for Adaptive Filtering under the Maximum Correntropy Criterion. IEEE Signal Processing Letters, 2014, 21, 880-884.	3.6	354
5	Weighted-permutation entropy: A complexity measure for time series incorporating amplitude information. Physical Review E, 2013, 87, 022911.	2.1	331
6	Maximum Correntropy Estimation Is a Smoothed MAP Estimation. IEEE Signal Processing Letters, 2012, 19, 491-494.	3.6	256
7	Convergence of a Fixed-Point Algorithm under Maximum Correntropy Criterion. IEEE Signal Processing Letters, 2015, 22, 1723-1727.	3.6	249
8	Maximum correntropy criterion based sparse adaptive filtering algorithms for robust channel estimation under non-Gaussian environments. Journal of the Franklin Institute, 2015, 352, 2708-2727.	3.4	188
9	Quantized Kernel Recursive Least Squares Algorithm. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1484-1491.	11.3	170
10	Disturbance Observer Based Composite Learning Fuzzy Control of Nonlinear Systems with Unknown Dead Zone. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1854-1862.	9.3	150
11	Kernel adaptive filtering with maximum correntropy criterion. , 2011, , .		135
12	Kernel recursive maximum correntropy. Signal Processing, 2015, 117, 11-16.	3.7	130
13	Kernel Risk-Sensitive Loss: Definition, Properties and Application to Robust Adaptive Filtering. IEEE Transactions on Signal Processing, 2017, 65, 2888-2901.	5.3	130
14	Mixture correntropy for robust learning. Pattern Recognition, 2018, 79, 318-327.	8.1	120
15	Robust Spike-Based Continual Meta-Learning Improved by Restricted Minimum Error Entropy Criterion. Entropy, 2022, 24, 455.	2.2	108
16	Diffusion maximum correntropy criterion algorithms for robust distributed estimation. , 2016, 58, 10-19.		100
17	Kernel minimum error entropy algorithm. Neurocomputing, 2013, 121, 160-169.	5.9	99
18	Minimum Error Entropy Kalman Filter. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5819-5829.	9.3	97

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19	Maximum correntropy unscented filter. International Journal of Systems Science, 2017, 48, 1607-1615.	5.5	96
20	Online Recorded Data-Based Composite Neural Control of Strict-Feedback Systems With Application to Hypersonic Flight Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3839-3849.	11.3	89
21	Blocked Maximum Correntropy Criterion Algorithm for Cluster-Sparse System Identifications. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1915-1919.	3.0	84
22	Kernel least mean square with adaptive kernel size. Neurocomputing, 2016, 191, 95-106.	5.9	83
23	Brain-Inspired Cognitive Model With Attention for Self-Driving Cars. IEEE Transactions on Cognitive and Developmental Systems, 2019, 11, 13-25.	3.8	72
24	Heterogeneous Ensemble-Based Spike-Driven Few-Shot Online Learning. Frontiers in Neuroscience, 2022, 16, .	2.8	72
25	Mean-Square Convergence Analysis of ADALINE Training With Minimum Error Entropy Criterion. IEEE Transactions on Neural Networks, 2010, 21, 1168-1179.	4.2	71
26	Maximum Correntropy Criterion With Variable Center. IEEE Signal Processing Letters, 2019, 26, 1212-1216.	3.6	71
27	Robust Hammerstein Adaptive Filtering under Maximum Correntropy Criterion. Entropy, 2015, 17, 7149-7166.	2.2	70
28	A survey on active noise control in the past decadeâ€”Part I: Linear systems. Signal Processing, 2021, 183, 108039.	3.7	70
29	Survival Information Potential: A New Criterion for Adaptive System Training. IEEE Transactions on Signal Processing, 2012, 60, 1184-1194.	5.3	69
30	Robust semi-supervised nonnegative matrix factorization for image clustering. Pattern Recognition, 2021, 111, 107683.	8.1	68
31	Fixed budget quantized kernel least-mean-square algorithm. Signal Processing, 2013, 93, 2759-2770.	3.7	67
32	Efficient and robust deep learning with Correntropy-induced loss function. Neural Computing and Applications, 2016, 27, 1019-1031.	5.6	67
33	Constrained maximum correntropy adaptive filtering. Signal Processing, 2017, 140, 116-126.	3.7	62
34	Robust rigid registration algorithm based on pointwise correspondence and correntropy. Pattern Recognition Letters, 2020, 132, 91-98.	4.2	62
35	Robust MIMO radar target localization via nonconvex optimization. Signal Processing, 2016, 122, 33-38.	3.7	61
36	Sparse least mean p-power algorithms for channel estimation in the presence of impulsive noise. Signal, Image and Video Processing, 2016, 10, 503-510.	2.7	61

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37	Sparse Support Matrix Machine. Pattern Recognition, 2018, 76, 715-726.	8.1	59
38	Robust Power System State Estimation With Minimum Error Entropy Unscented Kalman Filter. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 8797-8808.	4.7	59
39	Unscented Kalman Filter With Generalized Correntropy Loss for Robust Power System Forecasting-Aided State Estimation. IEEE Transactions on Industrial Informatics, 2019, 15, 6091-6100.	11.3	57
40	Linear and Nonlinear Regression-Based Maximum Correntropy Extended Kalman Filtering. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3093-3102.	9.3	56
41	Robust Generalized Maximum Correntropy Criterion Algorithms for Active Noise Control. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1282-1292.	5.8	55
42	Robust kernel adaptive filters based on mean p-power error for noisy chaotic time series prediction. Engineering Applications of Artificial Intelligence, 2017, 58, 101-110.	8.1	53
43	Maximum total correntropy adaptive filtering against heavy-tailed noises. Signal Processing, 2017, 141, 84-95.	3.7	52
44	Maximum Correntropy Kalman Filter With State Constraints. IEEE Access, 2017, 5, 25846-25853.	4.2	52
45	Insights Into the Robustness of Minimum Error Entropy Estimation. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 731-737.	11.3	51
46	Correntropy-Based Evolving Fuzzy Neural System. IEEE Transactions on Fuzzy Systems, 2018, 26, 1324-1338.	9.8	51
47	Robust Learning With Kernel Mean <inline-formula> <tex-math notation="LaTeX">p </tex-math> </inline-formula>-Power Error Loss. IEEE Transactions on Cybernetics, 2018, 48, 2101-2113.	9.5	51
48	Optimization of Voice Coil Motor to Enhance Dynamic Response Based on an Improved Magnetic Equivalent Circuit Model. IEEE Transactions on Magnetics, 2011, 47, 2247-2251.	2.1	50
49	Improved-Variable-Forgetting-Factor Recursive Algorithm Based on the Logarithmic Cost for Volterra System Identification. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 588-592.	3.0	50
50	Analysis and Optimization of a New 2-D Magnet Array for Planar Motor. IEEE Transactions on Magnetics, 2010, 46, 1167-1171.	2.1	49
51	Universal Approximation with Convex Optimization: Gimmick or Reality? [Discussion Forum]. IEEE Computational Intelligence Magazine, 2015, 10, 68-77.	3.2	48
52	Extended Kalman filter under maximum correntropy criterion. , 2016, , .		48
53	Improved functional link artificial neural network via convex combination for nonlinear active noise control. Applied Soft Computing Journal, 2016, 42, 351-359.	7.2	48
54	Random Fourier Filters Under Maximum Correntropy Criterion. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3390-3403.	5.4	48

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55	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
56	A survey on active noise control in the past decadeâ€“Part II: Nonlinear systems. Signal Processing, 2021, 181, 107929.	3.7	47
57	Stochastic Gradient Algorithm Under (h,Ït)-Entropy Criterion. Circuits, Systems, and Signal Processing, 2007, 26, 941-960.	2.0	45
58	Steady-state mean-square-deviation analysis of the sign subband adaptive filter algorithm. Signal Processing, 2016, 120, 36-42.	3.7	45
59	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
60	Robust Matrix Completion via Maximum Correntropy Criterion and Half-Quadratic Optimization. IEEE Transactions on Signal Processing, 2020, 68, 181-195.	5.3	45
61	A New Normalized Subband Adaptive Filter Algorithm with Individual Variable Step Sizes. Circuits, Systems, and Signal Processing, 2016, 35, 1407-1418.	2.0	44
62	A Separable Maximum Correntropy Adaptive Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2797-2801.	3.0	42
63	Mean square convergence analysis for kernel least mean square algorithm. Signal Processing, 2012, 92, 2624-2632.	3.7	41
64	Kernel Kalman Filtering With Conditional Embedding and Maximum Correntropy Criterion. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4265-4277.	5.4	41
65	M-Estimate Based Normalized Subband Adaptive Filter Algorithm: Performance Analysis and Improvements. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 225-239.	5.8	41
66	Broad Learning System Based on Maximum Correntropy Criterion. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3083-3097.	11.3	39
67	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
68	Variable Step-Size Widely Linear Complex-Valued Affine Projection Algorithm and Performance Analysis. IEEE Transactions on Signal Processing, 2020, 68, 5940-5953.	5.3	37
69	Learning Nonlinear Generative Models of Time Series With a Kalman Filter in RKHS. IEEE Transactions on Signal Processing, 2014, 62, 141-155.	5.3	36
70	An Adaptive Rapidly-Exploring Random Tree. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 283-294.	13.1	35
71	Quantized Minimum Error Entropy Criterion. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1370-1380.	11.3	34
72	Affine-Projection Lorentzian Algorithm for Vehicle Hands-Free Echo Cancellation. IEEE Transactions on Vehicular Technology, 2021, 70, 2561-2575.	6.3	34

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73	Time series prediction using kernel adaptive filter with least mean absolute third loss function. Nonlinear Dynamics, 2017, 90, 999-1013.	5.2	32
74	Deep Weighted Extreme Learning Machine. Cognitive Computation, 2018, 10, 890-907.	5.2	31
75	Maximum Total Correntropy Diffusion Adaptation Over Networks With Noisy Links. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 307-311.	3.0	31
76	Convergence of a Fixed-Point Minimum Error Entropy Algorithm. Entropy, 2015, 17, 5549-5560.	2.2	29
77	Kernel adaptive filtering under generalized Maximum Correntropy Criterion. , 2016, , .		29
78	State space maximum correntropy filter. Signal Processing, 2017, 130, 152-158.	3.7	29
79	Maximum Correntropy Criterion-Based Sparse Subspace Learning for Unsupervised Feature Selection. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 404-417.	8.3	29
80	Efficient correntropy-based multi-view clustering with anchor graph embedding. Neural Networks, 2022, 146, 290-302.	5.9	29
81	Robust proportionate adaptive filter based on maximum correntropy criterion for sparse system identification in impulsive noise environments. Signal, Image and Video Processing, 2018, 12, 117-124.	2.7	28
82	Numerically stable minimum error entropy Kalman filter. Signal Processing, 2021, 181, 107914.	3.7	28
83	Smoothed least mean p-power error criterion for adaptive filtering. , 2015, 40, 154-163.		27
84	Sparse normalized subband adaptive filter algorithm with l0-norm constraint. Journal of the Franklin Institute, 2016, 353, 5121-5136.	3.4	27
85	Convergence performance analysis of an adaptive kernel width MCC algorithm. AEU - International Journal of Electronics and Communications, 2017, 76, 71-76.	2.9	27
86	Correntropy based graph regularized concept factorization for clustering. Neurocomputing, 2018, 316, 34-48.	5.9	27
87	Bias-compensated normalized maximum correntropy criterion algorithm for system identification with noisy input. Signal Processing, 2018, 152, 160-164.	3.7	27
88	Regularized correntropy criterion based semi-supervised ELM. Neural Networks, 2020, 122, 117-129.	5.9	27
89	Insights into Entropy as a Measure of Multivariate Variability. Entropy, 2016, 18, 196.	2.2	26
90	A robust band-dependent variable step size NSAF algorithm against impulsive noises. Signal Processing, 2016, 119, 203-208.	3.7	26

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91	Building Up a Robust Risk Mathematical Platform to Predict Colorectal Cancer. Complexity, 2017, 2017, 1-14.	1.6	26
92	Fixed-Point Minimum Error Entropy With Fiducial Points. IEEE Transactions on Signal Processing, 2020, 68, 3824-3833.	5.3	26
93	A Novel Normalized Sign Algorithm for System Identification Under Impulsive Noise Interference. Circuits, Systems, and Signal Processing, 2016, 35, 3244-3265.	2.0	25
94	Robust echo state networks based on correntropy induced loss function. Neurocomputing, 2017, 267, 295-303.	5.9	25
95	Surface EMG Decoding for Hand Gestures Based on Spectrogram and CNN-LSTM. , 2019, , .		25
96	A New Robust Kalman Filter With Adaptive Estimate of Time-Varying Measurement Bias. IEEE Signal Processing Letters, 2020, 27, 700-704.	3.6	25
97	Proportionate Minimum Error Entropy Algorithm for Sparse System Identification. Entropy, 2015, 17, 5995-6006.	2.2	24
98	Collaborative adaptive Volterra filters for nonlinear system identification in Î±-stable noise environments. Journal of the Franklin Institute, 2016, 353, 4500-4525.	3.4	24
99	Convex regularized recursive maximum correntropy algorithm. Signal Processing, 2016, 129, 12-16.	3.7	24
100	EMG-Based Gestures Classification Using a Mixed-Signal Neuromorphic Processing System. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2020, 10, 578-587.	3.6	24
101	A novel extended kernel recursive least squares algorithm. Neural Networks, 2012, 32, 349-357.	5.9	23
102	Adaptive Inverse Control of Neural Spatiotemporal Spike Patterns With a Reproducing Kernel Hilbert Space (RKHS) Framework. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 532-543.	4.9	23
103	Sparseness-Controlled Proportionate Affine Projection Sign Algorithms for Acoustic Echo Cancellation. Circuits, Systems, and Signal Processing, 2015, 34, 3933-3948.	2.0	23
104	General Mixed-Norm-Based Diffusion Adaptive Filtering Algorithm for Distributed Estimation Over Network. IEEE Access, 2017, 5, 1090-1102.	4.2	23
105	Bias compensated zero attracting normalized least mean square adaptive filter and its performance analysis. Signal Processing, 2018, 143, 94-105.	3.7	23
106	Adaptive filtering with quantized minimum error entropy criterion. Signal Processing, 2020, 172, 107534.	3.7	23
107	An adaptive kernel width update method of correntropy for channel estimation. , 2015, , .		22
108	Correntropy Maximization via ADMM: Application to Robust Hyperspectral Unmixing. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4944-4955.	6.3	22

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109	Cubature Kalman Filter Under Minimum Error Entropy With Fiducial Points for INS/GPS Integration. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 450-465.	13.1	22
110	Robust Normalized Least Mean Absolute Third Algorithms. IEEE Access, 2019, 7, 10318-10330.	4.2	21
111	A Novel Mixture Distributions-Based Robust Kalman Filter for Cooperative Localization. IEEE Sensors Journal, 2020, 20, 14994-15006.	4.7	21
112	Mixture Correntropy-Based Kernel Extreme Learning Machines. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 811-825.	11.3	21
113	Point Set Registration With Similarity and Affine Transformations Based on Bidirectional KMPE Loss. IEEE Transactions on Cybernetics, 2021, 51, 1678-1689.	9.5	21
114	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
115	Some Further Results on the Minimum Error Entropy Estimation. Entropy, 2012, 14, 966-977.	2.2	20
116	A switch kernel width method of correntropy for channel estimation. , 2015, , .		20
117	Minimum Error Entropy Algorithms with Sparsity Penalty Constraints. Entropy, 2015, 17, 3419-3437.	2.2	20
118	A correntropy inspired variable step-size sign algorithm against impulsive noises. Signal Processing, 2017, 141, 168-175.	3.7	20
119	Proportionate NLMS With Unbiasedness Criterion for Sparse System Identification in the Presence of Input and Output Noises. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1808-1812.	3.0	20
120	On the Smoothed Minimum Error Entropy Criterion. Entropy, 2012, 14, 2311-2323.	2.2	19
121	An adaptive kernel width update for correntropy. , 2012, , .		19
122	Kernel recursive generalized mixed norm algorithm. Journal of the Franklin Institute, 2018, 355, 1596-1613.	3.4	19
123	Weakly Convex Regularized Robust Sparse Recovery Methods With Theoretical Guarantees. IEEE Transactions on Signal Processing, 2019, 67, 5046-5061.	5.3	19
124	Maximum correntropy adaptation approach for robust compressive sensing reconstruction. Information Sciences, 2019, 480, 381-402.	6.9	19
125	Dual semi-supervised convex nonnegative matrix factorization for data representation. Information Sciences, 2022, 585, 571-593.	6.9	19
126	Robust stable iterated unscented Kalman filter based on maximum correntropy criterion. Automatica, 2022, 142, 110410.	5.0	19

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127	Two Improved Normalized Subband Adaptive Filter Algorithms with Good Robustness Against Impulsive Interferences. Circuits, Systems, and Signal Processing, 2016, 35, 4607-4619.	2.0	18
128	Recursive Generalized Maximum Correntropy Criterion Algorithm with Sparse Penalty Constraints for System Identification. Asian Journal of Control, 2017, 19, 1164-1172.	3.0	18
129	Convergence analysis of nonlinear Kalman filters with novel innovation-based method. Neurocomputing, 2018, 289, 188-194.	5.9	18
130	Personalized gait trajectory generation based on anthropometric features using Random Forest. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 15597-15608.	4.9	18
131	Random fourier feature kernel recursive least squares. , 2017, , .		17
132	Linear Kalman Filtering Algorithm With Noisy Control Input Variable. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1282-1286.	3.0	17
133	Common Spatial Patterns Based on the Quantized Minimum Error Entropy Criterion. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4557-4568.	9.3	17
134	Associations between MSE and SSIM as cost functions in linear decomposition with application to bit allocation for sparse coding. Neurocomputing, 2021, 422, 139-149.	5.9	17
135	A Novel Robust Kalman Filtering Framework Based on Normal-Skew Mixture Distribution. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6789-6805.	9.3	16
136	STOCHASTIC INFORMATION GRADIENT ALGORITHM WITH GENERALIZED GAUSSIAN DISTRIBUTION MODEL. Journal of Circuits, Systems and Computers, 2012, 21, 1250006.	1.5	15
137	Adaptive recursive algorithm with logarithmic transformation for nonlinear system identification in Î± -stable noise. , 2015, 46, 120-132.		15
138	Robust digital non-linear self-interference cancellation in full duplex radios with maximum correntropy criterion. China Communications, 2016, 13, 53-59.	3.2	15
139	Sparse Least Logarithmic Absolute Difference Algorithm with Correntropy-Induced Metric Penalty. Circuits, Systems, and Signal Processing, 2016, 35, 1077-1089.	2.0	15
140	Robust nonnegative matrix factorization with local coordinate constraint for image clustering. Engineering Applications of Artificial Intelligence, 2020, 88, 103354.	8.1	15
141	Correntropy-Based Multiview Subspace Clustering. IEEE Transactions on Cybernetics, 2021, 51, 3298-3311.	9.5	15
142	On optimal estimations with minimum error entropy criterion. Journal of the Franklin Institute, 2010, 347, 545-558.	3.4	14
143	Î”-Entropy: Definition, properties and applications in system identification with quantized data. Information Sciences, 2011, 181, 1384-1402.	6.9	14
144	Quantised kernel least mean square with desired signal smoothing. Electronics Letters, 2015, 51, 1457-1459.	1.0	14

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145	Self-organizing kernel adaptive filtering. Eurasip Journal on Advances in Signal Processing, 2016, 2016, .	1.7	14
146	Granger Causality Analysis Based on Quantized Minimum Error Entropy Criterion. IEEE Signal Processing Letters, 2019, 26, 347-351.	3.6	14
147	Maximum Correntropy Criterion-Based Robust Semisupervised Concept Factorization for Image Representation. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3877-3891.	11.3	14
148	Robust orthogonal nonnegative matrix tri-factorization for data representation. Knowledge-Based Systems, 2020, 201-202, 106054.	7.1	14
149	Effects of Outliers on the Maximum Correntropy Estimation: A Robustness Analysis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4007-4012.	9.3	14
150	Multikernel Correntropy for Robust Learning. IEEE Transactions on Cybernetics, 2022, 52, 13500-13511.	9.5	14
151	Exemplar-Guided Similarity Learning on Polynomial Kernel Feature Map for Person Re-identification. International Journal of Computer Vision, 2017, 123, 392-414.	15.6	13
152	Robust Adaptive Volterra Filter Under Maximum Correntropy Criteria in Impulsive Environments. Circuits, Systems, and Signal Processing, 2017, 36, 4097-4117.	2.0	13
153	Prediction of Human Voluntary Torques Based on Collaborative Neuromusculoskeletal Modeling and Adaptive Learning. IEEE Transactions on Industrial Electronics, 2021, 68, 5217-5226.	7.9	13
154	Robust Sparsity-Aware RLS Algorithms With Jointly-Optimized Parameters Against Impulsive Noise. IEEE Signal Processing Letters, 2022, 29, 1037-1041.	3.6	13
155	Extended Kalman filter using a kernel recursive least squares observer. , 2011, , .		12
156	Online efficient learning with quantized KLMS and L<inf>1</inf> regularization. , 2012, , .		12
157	Correntropy induced joint power and admission control algorithm for dense small cell network. IET Communications, 2016, 10, 2154-2161.	2.2	12
158	An intelligent propagation distance estimation algorithm based on fundamental frequency energy distribution for periodic vibration localization. Journal of the Franklin Institute, 2018, 355, 1539-1558.	3.4	12
159	Frequent Itemsets Mining With Differential Privacy Over Large-Scale Data. IEEE Access, 2018, 6, 28877-28889.	4.2	12
160	Learning Proximal Operator Methods for Nonconvex Sparse Recovery with Theoretical Guarantee. IEEE Transactions on Signal Processing, 2020, 68, 5244-5259.	5.3	12
161	Stabilization of Networked Control Systems with Time Delay and Packet Dropout Â¿ Part II. , 2007, , .		11
162	Kernel robust mixed-norm adaptive filtering. , 2014, , .		11

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163	Recursive least mean<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si85.gif" display="inline" overflow="scroll"><mml:mi>p</mml:mi></mml:math>-power Extreme Learning Machine. Neural Networks, 2017, 91, 22-33.	5.9	11
164	A Novel Brain Decoding Method: A Correlation Network Framework for Revealing Brain Connections. IEEE Transactions on Cognitive and Developmental Systems, 2019, 11, 95-106.	3.8	11
165	Functional Source Separation for EEG-fMRI Fusion: Application to Steady-State Visual Evoked Potentials. Frontiers in Neurorobotics, 2019, 13, 24.	2.8	11
166	Training Cascade Compact CNN With Region-IoU for Accurate Pedestrian Detection. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 3777-3787.	8.0	11
167	Region-aware network: Model humanâ€™s Top-Down visual perception mechanism for crowd counting. Neural Networks, 2022, 148, 219-231.	5.9	11
168	Robust adaptive sparse channel estimation in the presence of impulsive noises. , 2015, , .		10
169	A variable step-size adaptive algorithm under maximum correntropy criterion. , 2015, , .		10
170	Robust High-Order Manifold Constrained Sparse Principal Component Analysis for Image Representation. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 1946-1961.	8.3	10
171	Robust High-Order Manifold Constrained Low Rank Representation for Subspace Clustering. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 533-545.	8.3	10
172	Stabilization of Networked Control Systems with Time Delay and Packet Dropout Â¿ Part I. , 2007, , .		9
173	Hardware implementation of KLMS algorithm using FPGA. , 2014, , .		9
174	Illumination Robust Color Naming via Label Propagation. , 2015, , .		9
175	Improved affine projection subband adaptive filter for high background noise environments. Signal Processing, 2017, 137, 356-362.	3.7	9
176	Robust Adaptive Algorithm for Smart Antenna System With <inline-formula> <tex-math notation="LaTeX">$alpha$ </tex-math> </inline-formula>-Stable Noise. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1783-1787.	3.0	9
177	Chebyshev Functional Link Artificial Neural Network Based on Correntropy Induced Metric. Neural Processing Letters, 2018, 47, 233-252.	3.2	9
178	Probability Density Rank-Based Quantization for Convex Universal Learning Machines. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3100-3113.	11.3	9
179	Online robust echo state broad learning system. Neurocomputing, 2021, 464, 438-449.	5.9	9
180	Partial Discharge Signal Denoising with Recursive Continuous S-Shaped Algorithm in Cables. IEEE Transactions on Dielectrics and Electrical Insulation, 2021, 28, 1802-1809.	2.9	9

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181	Square Root Unscented Kalman Filter With Modified Measurement for Dynamic State Estimation of Power Systems. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	9
182	Modeling and Control of Networked Control Systems. , 2006, , .		8
183	Adaptive filtering under maximum mutual information criterion. Neurocomputing, 2008, 71, 3680-3684.	5.9	8
184	Adaptive filtering under minimum information divergence criterion. International Journal of Control, Automation and Systems, 2009, 7, 157-164.	2.7	8
185	System Identification Under Information Divergence Criteria. , 2013, , 167-204.		8
186	Low Complexity Distributed Max-Throughput Algorithm for User Association in Heterogeneous Network. Wireless Personal Communications, 2016, 87, 1147-1156.	2.7	8
187	An Enhanced Hierarchical Extreme Learning Machine with Random Sparse Matrix Based Autoencoder. , 2019, , .		8
188	RGB-D point cloud registration via infrared and color camera. Multimedia Tools and Applications, 2019, 78, 33223-33246.	3.9	8
189	Sparsity Constrained Recursive Generalized Maximum Correntropy Criterion With Variable Center Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3517-3521.	3.0	8
190	Restricted Minimum Error Entropy Criterion for Robust Classification. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6599-6612.	11.3	8
191	Asymmetric Correntropy for Robust Adaptive Filtering. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1922-1926.	3.0	8
192	ECCA: Efficient Correntropy-Based Clustering Algorithm With Orthogonal Concept Factorization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7377-7390.	11.3	8
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