

Shaohui Lv

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2406956/publications.pdf>

Version: 2024-02-01

126
papers

2,544
citations

236925

25
h-index

223800

46
g-index

126
all docs

126
docs citations

126
times ranked

1114
citing authors

#	ARTICLE	IF	CITATIONS
1	Variable Kernel Width Algorithm of Generalized Maximum Correntropy Criteria for Censored Regression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1877-1881.	3.0	2
2	Robust Multitask Diffusion Affine Projection Algorithm for Distributed Estimation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1892-1896.	3.0	2
3	Robust Proportionate Normalized Least Mean M-Estimate Algorithm for Block-Sparse System Identification. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 234-238.	3.0	8
4	Robust Maximum Correntropy Criterion Subband Adaptive Filter Algorithm for Impulsive Noise and Noisy Input. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 604-608.	3.0	17
5	Robust Diffusion Total Least Mean M-estimate Adaptive Filtering Algorithm and Its Performance Analysis. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 654-658.	3.0	7
6	Bias-Compensated Sign Subband Adaptive Filter Algorithm With Individual Weighting Factors for Input Noise. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1872-1876.	3.0	6
7	Polynomial Constraint Generalized Maximum Correntropy Normalized Subband Adaptive Filter Algorithm. Circuits, Systems, and Signal Processing, 2022, 41, 2379-2396.	2.0	5
8	Robust Adaptive Least Mean M-Estimate Algorithm for Censored Regression. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5165-5174.	9.3	22
9	Augmented Complex Minimum Error Entropy for Adaptive Frequency Estimation of Power System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1972-1976.	3.0	3
10	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
11	Total Least Squares Normalized Subband Adaptive Filter Algorithm for Noisy Input. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1977-1981.	3.0	3
12	Robust Multi-Task Diffusion Least Mean M-Estimate Adaptive Algorithm and Its Performance Analysis. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2386-2390.	3.0	2
13	Analysis of Thermal Effects for Polymer-Housed Metal-Oxide Surge Arrester Under Multiple Strokes. IEEE Transactions on Power Delivery, 2022, 37, 3917-3927.	4.3	9
14	Bias-compensated affine-projection-like algorithm based on maximum correntropy criterion for robust filtering. Journal of the Franklin Institute, 2022, 359, 1274-1302.	3.4	5
15	Robust Power System Forecasting-Aided State Estimation With Generalized Maximum Mixture Correntropy Unscented Kalman Filter. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	4.7	13
16	Improved Robust Total Least Squares Adaptive Filter Algorithms Using Hyperbolic Secant Function. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3944-3948.	3.0	2
17	Sparsity-Aware Logarithmic Hyperbolic Cosine Normalized Subband Adaptive Filter Algorithm With Step-Size Optimization. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3964-3968.	3.0	2
18	Diffusion affine projection maximum correntropy criterion algorithm and its performance analysis. Signal Processing, 2021, 181, 107918.	3.7	13

#	ARTICLE	IF	CITATIONS
19	Constrained Least Mean M-Estimation Adaptive Filtering Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1507-1511.	3.0	23
20	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
21	Generalized Variable Step-Size Diffusion Continuous Mixed p-Norm Algorithm. Circuits, Systems, and Signal Processing, 2021, 40, 3609-3620.	2.0	3
22	Study on the thermal properties and insulation resistance of epoxy resin modified by hexagonal boron nitride. E-Polymers, 2021, 21, 681-690.	3.0	15
23	Robust Time-Varying Parameter Proportionate Affine-Projection-Like Algorithm for Sparse System Identification. Circuits, Systems, and Signal Processing, 2021, 40, 3395-3416.	2.0	2
24	Feature Analysis of Oscillating Wave Signal for Axial Displacement in Autotransformer. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-13.	4.7	0
25	Affine Projection Algorithm for Censored Regression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 3602-3606.	3.0	5
26	Diffusion recursive total least square algorithm over adaptive networks and performance analysis. Signal Processing, 2021, 182, 107954.	3.7	5
27	Robust Filtering of Affine-Projection-Like Maximum Correntropy Algorithm with Bias-Compensated. , 2021, , .		2
28	Augmented Complex Least Mean Square/Fourth Algorithm for Adaptive Frequency Estimation. , 2021, , .		0
29	Robust Diffusion Recursive Least M-estimate Algorithm against impulsive noise. , 2021, , .		1
30	Bias-compensated subband adaptive filter algorithm based on maximum correntropy criterion. , 2021, , .		2
31	Hyperbolic Secant Function Algorithms for Nonlinear Active Noise Control models of Kernel Mapping Types. , 2021, , .		0
32	Diffusion Affine Projection M-Estimate Algorithm for Multitask Networks. , 2021, , .		0
33	Censored regression system identification based on the least mean M-estimate algorithm. , 2021, , .		0
34	An Improved Variable Kernel Width for Maximum Correntropy Criterion Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1339-1343.	3.0	36
35	A Robust M-Shaped Error Weighted Algorithms for Censored Regression. Circuits, Systems, and Signal Processing, 2020, 39, 324-343.	2.0	9
36	Robust Variable Step-Size Reweighted Zero-Attracting Least Mean M-Estimate Algorithm for Sparse System Identification. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1149-1153.	3.0	20

#	ARTICLE	IF	CITATIONS
37	Robust Diffusion Huber-Based Normalized Least Mean Square Algorithm with Adjustable Thresholds. Circuits, Systems, and Signal Processing, 2020, 39, 2065-2093.	2.0	12
38	A Robust Total Least Mean M-Estimate Adaptive Algorithm for Impulsive Noise Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 800-804.	3.0	30
39	Steady-State Performance Analysis of Nonlinear Spline Adaptive Filter Under Maximum Correntropy Criterion. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1154-1158.	3.0	28
40	Geometric Algebra Correntropy: Definition and Application to Robust Adaptive Filtering. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 1164-1168.	3.0	13
41	A Class of Diffusion Zero Attracting Stochastic Gradient Algorithms With Exponentiated Error Cost Functions. IEEE Access, 2020, 8, 4885-4894.	4.2	3
42	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
43	Efficient DOA Estimation Method Using Bias-Compensated Adaptive Filtering. IEEE Transactions on Vehicular Technology, 2020, 69, 13087-13097.	6.3	23
44	Widely linear least mean kurtosis-based frequency estimation of three-phase power system. IET Generation, Transmission and Distribution, 2020, 14, 1159-1167.	2.5	4
45	Variable Step-Size Affine Projection Maximum Correntropy Criterion Adaptive Filter With Correntropy Induced Metric for Sparse System Identification. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2782-2786.	3.0	33
46	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
47	Bias-Compensated Minimum Error Entropy Algorithms With Polynomial Sparsity Penalty Constraints. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3537-3541.	3.0	8
48	Phase angle error-based maximum correntropy adaptation for frequency estimation of three-phase power system. IET Science, Measurement and Technology, 2020, 14, 32-40.	1.6	4
49	An Improved Variable Regularization Parameter for Sign Subband Adaptive Filter. Circuits, Systems, and Signal Processing, 2019, 38, 1396-1411.	2.0	2
50	Performance Analysis of Shrinkage Linear Complex-Valued LMS Algorithm. IEEE Signal Processing Letters, 2019, 26, 1202-1206.	3.6	19
51	Robust Diffusion Affine Projection Algorithm With Variable Step-Size Over Distributed Networks. IEEE Access, 2019, 7, 150484-150491.	4.2	14
52	Robust Distributed Diffusion Recursive Least Squares Algorithms With Side Information for Adaptive Networks. IEEE Transactions on Signal Processing, 2019, 67, 1566-1581.	5.3	48
53	A Variable Step-Size Shrinkage Set-Membership Affine Projection Algorithm for Noisy Input. Circuits, Systems, and Signal Processing, 2019, 38, 455-469.	2.0	2
54	Magnitude and phase angle error-based WL adaptation for frequency estimation of three-phase power system. Electronics Letters, 2019, 55, 218-220.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Affine-Projection-Like M-Estimate Adaptive Filter for Robust Filtering in Impulse Noise. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 2087-2091.	3.0	44
56	Robust Novel Affine Projection Sign Subband Adaptive Filter Algorithm. Circuits, Systems, and Signal Processing, 2019, 38, 4141-4161.	2.0	6
57	Block-sparse non-uniform norm constraint normalised subband adaptive filter. IET Signal Processing, 2019, 13, 96-102.	1.5	1
58	Robust Nonlinear Adaptive Filter Based on Kernel Risk-Sensitive Loss for Bilinear Forms. Circuits, Systems, and Signal Processing, 2019, 38, 1876-1888.	2.0	12
59	Generalized Variable Step Size Continuous Mixed ℓ_p -Norm Adaptive Filtering Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 1078-1082.	3.0	26
60	Set-membership improved normalised subband adaptive filter algorithms for acoustic echo cancellation. IET Signal Processing, 2018, 12, 42-50.	1.5	4
61	Steady-state behavior of the improved normalized subband adaptive filter algorithm and its improvement in under-modeling. Signal, Image and Video Processing, 2018, 12, 617-624.	2.7	1
62	Robust Adaptive Algorithm for Smart Antenna System With α -Stable Noise. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1783-1787.	3.0	9
63	Chebyshev Functional Link Artificial Neural Network Based on Correntropy Induced Metric. Neural Processing Letters, 2018, 47, 233-252.	3.2	9
64	Diffusion Leaky Zero Attracting Least Mean Square Algorithm and Its Performance Analysis. IEEE Access, 2018, 6, 56911-56923.	4.2	23
65	Reweighted ℓ_p -norm constraint least exponentiated square algorithm for sparse system identification. , 2018, , .		0
66	A New Step-Size Control Algorithm Based on Noisy Data. , 2018, , .		1
67	Robust Diffusion Recursive Least Squares Estimation with Side Information for Networked Agents. , 2018, , .		3
68	Adaptive Combination of Distributed Incremental Affine Projection Algorithm with Different Projection Orders. Circuits, Systems, and Signal Processing, 2018, 37, 4319-4335.	2.0	2
69	Robust Matching Pursuit Extreme Learning Machines. Scientific Programming, 2018, 2018, 1-10.	0.7	2
70	Diffusion total least-squares algorithm with multi-node feedback. Signal Processing, 2018, 153, 243-254.	3.7	17
71	Combined distributed incremental affine projection algorithm for acoustic echo cancellation. International Journal of Speech Technology, 2018, 21, 383-390.	2.2	1
72	Distributed Nonlinear System Identification in α -Stable Noise. IEEE Signal Processing Letters, 2018, 25, 979-983.	3.6	18

#	ARTICLE	IF	CITATIONS
73	Performance Analysis of the Robust Diffusion Normalized Least Mean ϵ -Power Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 2047-2051.	3.0	29
74	Variable Step Size Norm-Constrained Adaptive Filtering Algorithms. Circuits, Systems, and Signal Processing, 2017, 36, 4278-4291.	2.0	3
75	Bias-Compensated Normalized Least-Mean Fourth Algorithm for Noisy Input. Circuits, Systems, and Signal Processing, 2017, 36, 3864-3873.	2.0	24
76	Novel combination schemes of individual weighting factors sign subband adaptive filter algorithm. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1193-1204.	4.1	9
77	Kernel Risk-Sensitive Loss: Definition, Properties and Application to Robust Adaptive Filtering. IEEE Transactions on Signal Processing, 2017, 65, 2888-2901.	5.3	130
78	Robust Set-Membership Affine Projection Algorithm with Coefficient Vector Reuse. Circuits, Systems, and Signal Processing, 2017, 36, 3843-3853.	2.0	6
79	Robust Adaptive Volterra Filter Under Maximum Correntropy Criteria in Impulsive Environments. Circuits, Systems, and Signal Processing, 2017, 36, 4097-4117.	2.0	13
80	L_1 -norm constrained normalized subband adaptive filter algorithm with variable norm-bound parameter and improved version. Signal, Image and Video Processing, 2017, 11, 865-871.	2.7	8
81	Robust Set-Membership Normalized Subband Adaptive Filtering Algorithms and Their Application to Acoustic Echo Cancellation. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 2098-2111.	5.4	39
82	Time series prediction using kernel adaptive filter with least mean absolute third loss function. Nonlinear Dynamics, 2017, 90, 999-1013.	5.2	32
83	Diffusion Signed LMS Algorithms and Their Performance Analyses for Cyclostationary White Gaussian Inputs. IEEE Access, 2017, 5, 18876-18894.	4.2	21
84	Adaptive Combination of Proportionate NSAF with Individual Activation Factors. Circuits, Systems, and Signal Processing, 2017, 36, 1769-1780.	2.0	5
85	Two Diffusion Proportionate Sign Subband Adaptive Filtering Algorithms. Circuits, Systems, and Signal Processing, 2017, 36, 4242-4259.	2.0	4
86	A joint-optimization NSAF algorithm based on the first-order Markov model. Signal, Image and Video Processing, 2017, 11, 509-516.	2.7	7
87	Adaptive Combination of Proportionate NSAF with the Tap-Weights Feedback for Acoustic Echo Cancellation. Wireless Personal Communications, 2017, 92, 467-481.	2.7	9
88	Improved Filtered-x Least Mean Kurtosis Algorithm for Active Noise Control. Circuits, Systems, and Signal Processing, 2017, 36, 1586-1603.	2.0	20
89	Diffusion Sign Subband Adaptive Filtering Algorithm with Individual Weighting Factors for Distributed Estimation. Circuits, Systems, and Signal Processing, 2017, 36, 2605-2621.	2.0	5
90	Maximum Correntropy Kalman Filter With State Constraints. IEEE Access, 2017, 5, 25846-25853.	4.2	52

#	ARTICLE	IF	CITATIONS
91	Adaptive combination of step sizes for distributed incremental affine projection algorithm. , 2017, , .		1
92	Steady-state analysis of the maximum correntropy Volterra filter with application to nonlinear channel equalization. , 2017, , .		2
93	Bias-compensated affine-projection-like algorithms with noisy input. Electronics Letters, 2016, 52, 712-714.	1.0	45
94	Steady-state mean-square analysis of the deficient-length NLMS algorithm with reusing coefficient vector for white input. , 2016, , .		6
95	Incremental M -estimate-based least-mean algorithm over distributed network. Electronics Letters, 2016, 52, 1270-1272.	1.0	21
96	A New Normalized Subband Adaptive Filter Algorithm with Individual Variable Step Sizes. Circuits, Systems, and Signal Processing, 2016, 35, 1407-1418.	2.0	44
97	A new normalized subband adaptive filter under minimum error entropy criterion. Signal, Image and Video Processing, 2016, 10, 1097-1103.	2.7	28
98	L0 norm constraint set-membership affine projection algorithm with coefficient vector reuse. Electronics Letters, 2016, 52, 560-562.	1.0	8
99	Variable step-size distributed incremental normalised LMS algorithm. Electronics Letters, 2016, 52, 519-521.	1.0	18
100	Adaptive combination of affine projection sign subband adaptive filters for modeling of acoustic paths in impulsive noise environments. International Journal of Speech Technology, 2016, 19, 907-917.	2.2	12
101	A Novel Normalized Sign Algorithm for System Identification Under Impulsive Noise Interference. Circuits, Systems, and Signal Processing, 2016, 35, 3244-3265.	2.0	25
102	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
103	Generalized Correntropy for Robust Adaptive Filtering. IEEE Transactions on Signal Processing, 2016, 64, 3376-3387.	5.3	515
104	Bias-Compensated Normalized Subband Adaptive Filter Algorithm. IEEE Signal Processing Letters, 2016, 23, 809-813.	3.6	52
105	Sparse Least Logarithmic Absolute Difference Algorithm with Correntropy-Induced Metric Penalty. Circuits, Systems, and Signal Processing, 2016, 35, 1077-1089.	2.0	15
106	A new proportionate normalized least mean square algorithm for high measurement noise. , 2015, , .		3
107	Proportionate Minimum Error Entropy Algorithm for Sparse System Identification. Entropy, 2015, 17, 5995-6006.	2.2	24
108	Proportionate improved normalized subband adaptive filter algorithm for highly noisy sparse system. , 2015, , .		3

#	ARTICLE	IF	CITATIONS
109	Harmonic detection using an affine projection algorithm for active power filter. , 2015, , .		0
110	Convergence of a Fixed-Point Algorithm under Maximum Correntropy Criterion. IEEE Signal Processing Letters, 2015, 22, 1723-1727.	3.6	249
111	Memory improved proportionate M $\hat{\epsilon}$ estimate affine projection algorithm. Electronics Letters, 2015, 51, 525-526.	1.0	26
112	Sparseness-Controlled Proportionate Affine Projection Sign Algorithms for Acoustic Echo Cancellation. Circuits, Systems, and Signal Processing, 2015, 34, 3933-3948.	2.0	23
113	Adaptive combination proportionate filtering algorithm based on decorrelation for sparse system identification. , 2015, , .		5
114	Combination of two NLMP algorithms for nonlinear system identification in alpha-stable noise. , 2015, , .		4
115	Memory proportionate APSA with individual activation factors for highly sparse system identification in impulsive noise environment. , 2014, , .		13
116	Improved efficient proportionate affine projection algorithm based on $\ \cdot \ _0$ $\hat{\epsilon}$ norm for sparse system identification. Journal of Engineering, 2014, 2014, 20-23.	1.1	3
117	Proportionate affine projection algorithm based on coefficient difference. , 2014, , .		7
118	A novel convex combination of LMS adaptive filter for system identification. , 2014, , .		10
119	Identification of Nonlinear Dynamic System Using a Novel Recurrent Wavelet Neural Network Based on the Pipelined Architecture. IEEE Transactions on Industrial Electronics, 2014, 61, 4171-4182.	7.9	51
120	Novel adaptive VSS-NLMS algorithm for system identification. , 2013, , .		5
121	An improved variable step-size NLMS algorithm based on a Versiera function. , 2013, , .		7
122	Adaptive combination of FLANN filters and its application to nonlinear ANC systems. , 2013, , .		1
123	Adaptive Extended Pipelined Second-Order Volterra Filter for Nonlinear Active Noise Controller. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 1394-1399.	3.2	31
124	Low-Complexity Nonlinear Adaptive Filter Based on a Pipelined Bilinear Recurrent Neural Network. IEEE Transactions on Neural Networks, 2011, 22, 1494-1507.	4.2	45
125	Nonlinear Adaptive Equalizer Using a Pipelined Decision Feedback Recurrent Neural Network in Communication Systems. IEEE Transactions on Communications, 2010, 58, 2193-2198.	7.8	12
126	Robust Noise Indicator for Distributed In-Network System Identification with Different Noise Types for Each Node. Circuits, Systems, and Signal Processing, 0, , 1.	2.0	0