

Feiran Yang

List of Publications by Year in descending order

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261
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic Analysis of the Filtered-x LMS Algorithm for Active Noise Control. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 2252-2266.	5.8	55
2	Frequency-Domain Filtered-x LMS Algorithms for Active Noise Control: A Review and New Insights. Applied Sciences (Switzerland), 2018, 8, 2313.	2.5	53
3	An Improved Multiband-Structured Subband Adaptive Filter Algorithm. IEEE Signal Processing Letters, 2012, 19, 647-650.	3.6	40
4	Frequency-Domain Adaptive Kalman Filter With Fast Recovery of Abrupt Echo-Path Changes. IEEE Signal Processing Letters, 2017, 24, 1778-1782.	3.6	34
5	A comparative survey of fast affine projection algorithms. , 2018, 83, 297-322.		25
6	Stereophonic Acoustic Echo Suppression Based on Wiener Filter in the Short-Time Fourier Transform Domain. IEEE Signal Processing Letters, 2012, 19, 227-230.	3.6	23
7	Statistical Convergence Analysis for Optimal Control of DFT-Domain Adaptive Echo Canceler. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1095-1106.	5.8	22
8	A fast exact filtering approach to a family of affine projection-type algorithms. Signal Processing, 2014, 101, 1-10.	3.7	20
9	Low-Complexity Implementation of the Improved Multiband-Structured Subband Adaptive Filter Algorithm. IEEE Transactions on Signal Processing, 2015, 63, 5133-5148.	5.3	19
10	A Computationally Efficient Delayless Frequency-Domain Adaptive Filter Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 222-226.	3.0	18
11	A Unified Approach to the Statistical Convergence Analysis of Frequency-Domain Adaptive Filters. IEEE Transactions on Signal Processing, 2019, 67, 1785-1796.	5.3	18
12	An RLS-Based Lattice-Form Complex Adaptive Notch Filter. IEEE Signal Processing Letters, 2016, 23, 217-221.	3.6	16
13	Transient and steady-state analyses of the improved multiband-structured subband adaptive filter algorithm. IET Signal Processing, 2015, 9, 596-604.	1.5	15
14	Convergence analysis of the conventional filtered-x affine projection algorithm for active noise control. Signal Processing, 2020, 170, 107437.	3.7	15
15	Time-domain sound field reproduction using the group Lasso. Journal of the Acoustical Society of America, 2018, 143, EL55-EL60.	1.1	13
16	Convergence Analysis of Deficient-Length Frequency-Domain Adaptive Filters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4242-4255.	5.4	13
17	Convolutional Transfer Function-Based Multichannel Nonnegative Matrix Factorization for Overdetermined Blind Source Separation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 802-815.	5.8	11
18	Optimal Step-Size Control of the Partitioned Block Frequency-Domain Adaptive Filter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 814-818.	3.0	10

#	ARTICLE	IF	CITATIONS
19	A low-complexity permutation alignment method for frequency-domain blind source separation. <i>Speech Communication</i> , 2019, 115, 88-94.	2.8	9
20	Mean-square performance of the modified frequency-domain block LMS algorithm. <i>Signal Processing</i> , 2019, 163, 18-25.	3.7	8
21	On the Convergence Behavior of Partitioned-Block Frequency-Domain Adaptive Filters. <i>IEEE Transactions on Signal Processing</i> , 2021, 69, 4906-4920.	5.3	7
22	Transient Analysis of Partitioned-Block Frequency-Domain Adaptive Filters. , 2019, , .		6
23	The Role of Long-Term Dependency in Synthetic Speech Detection. <i>IEEE Signal Processing Letters</i> , 2022, 29, 1142-1146.	3.6	6
24	Multiband-structured Kalman filter. <i>IET Signal Processing</i> , 2018, 12, 722-728.	1.5	5
25	Interpolation of the early part of the acoustic transfer functions using block sparse models. <i>Journal of the Acoustical Society of America</i> , 2017, 142, EL532-EL536.	1.1	4
26	Tracking Analysis and Improvement of Broadband Kalman Filter Using the Two-Echo-Path Model as a Rapid Tunnel. , 2018, , .		4
27	Optimum step-size control for a variable step-size stereo acoustic echo canceller in the frequency domain. <i>Speech Communication</i> , 2020, 124, 21-27.	2.8	4
28	Mean-Square Performance of the Modified Filtered-x Affine Projection Algorithm. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 4243-4257.	2.0	4
29	Real-Time Independent Vector Analysis with a Deep-Learning-Based Source Model. , 2021, , .		4
30	Analysis of Deficient-Length Partitioned-Block Frequency-Domain Adaptive Filters. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2022, 30, 456-467.	5.8	4
31	Fast implementation of a family of memory proportionate affine projection algorithm. , 2015, , .		3
32	A gradient-adaptive lattice-based complex adaptive notch filter. <i>Eurasip Journal on Advances in Signal Processing</i> , 2016, 2016, .	1.7	3
33	Block sparse reweighted zero-attracting normalised least mean square algorithm for system identification. <i>Electronics Letters</i> , 2017, 53, 899-900.	1.0	3
34	New Insights into Convergence Theory of Constrained Frequency-Domain Adaptive Filters. <i>Circuits, Systems, and Signal Processing</i> , 2021, 40, 2076-2090.	2.0	3
35	A Track-Wise Ensemble Event Independent Network for Polyphonic Sound Event Localization and Detection. , 2022, , .		3
36	A Late Reverberation Power Spectral Density Aware Approach to Speech Dereverberation Based on Deep Neural Networks. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
37	Frequency-dependent auto-pooling function for weakly supervised sound event detection. <i>Eurasip Journal on Audio, Speech, and Music Processing</i> , 2021, 2021, .	2.1	2
38	A Multi-Task Learning Method for Weakly Supervised Sound Event Detection. , 2022, , .		2
39	A frequency-domain adaptive feedback cancellation algorithm based on convex combination. , 2017, , .		1
40	A fast affine projection algorithm based on a modified Toeplitz matrix. , 2017, , .		1
41	A Parametric Method for Elevation Control. , 2018, , .		1
42	A Broadband Kalman Filtering Approach to Blind Multichannel Identification. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2019, E102.A, 788-795.	0.3	0
43	An Alternative Solution to the Dynamically Regularized RLS Algorithm. , 2019, , .		0