Jun Yang

List of Publications by Year
in descending order

30 papers	362 citations	933447 10 h-index	839539 18 g-index
30 all docs	30 docs citations	30 times ranked	232 citing authors

#	Article	IF	Citations
1	Multichannel narrowband active noise control system with a frequency estimator based on DFT coefficients. Journal of Sound and Vibration, 2022, 521, 116660.	3.9	11
2	Convolutive 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
3	Some Practical Acoustic Design and Typical Control Strategies for Multichannel Active Noise Control. Applied Sciences (Switzerland), 2022, 12, 2244.	2.5	7
4	Multi-order resonators for acoustic multiband asymmetric absorption and reflection. Journal of Applied Physics, 2022, 131, 135102.	2.5	5
5	Analysis of the Frequency Interference in the Narrowband Active Noise Control System. IEEE/ACM Transactions on Audio Speech and Language Processing, 2022, 30, 1704-1717.	5.8	3
6	Steady-State Performance Analysis of the Distributed FxLMS Algorithm for Narrowband ANC System With Frequency Mismatch. IEEE Signal Processing Letters, 2022, 29, 1167-1171.	3.6	6
7	The Role of Long-Term Dependency in Synthetic Speech Detection. IEEE Signal Processing Letters, 2022, 29, 1142-1146.	3.6	6
8	A distributed FxLMS algorithm for narrowband active noise control and its convergence analysis. Journal of Sound and Vibration, 2022, 532, 116986.	3.9	8
9	Robust parallel virtual sensing method for feedback active noise control in a headrest. Mechanical Systems and Signal Processing, 2022, 178, 109293.	8.0	13
10	Statistical analysis of multichannel FxLMS algorithm for narrowband active noise control. Signal Processing, 2022, 200, 108646.	3.7	10
11	Cutting Force Embedded Manifold Learning for Condition Monitoring of Vertical Machining Center. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	7
12	On the Convergence Behavior of Partitioned-Block Frequency-Domain Adaptive Filters. IEEE Transactions on Signal Processing, 2021, 69, 4906-4920.	5.3	7
13	A Novel Active Control Strategy with Decentralized Decoupling and Wavelet Packet Transformation: Design and Verification. Applied Sciences (Switzerland), 2021, 11, 3554.	2.5	4
14	Adjustable Structure for Feedback Active Headrest System Using the Virtual Microphone Method. Applied Sciences (Switzerland), 2021, 11, 5033.	2.5	10
15	Multi-Zone Active Noise Control Strategy for the Scattered Sound Control of an Infinite Rigid Cylinder. Applied Sciences (Switzerland), 2021, 11, 10011.	2.5	2
16	Study on asymmetric diffraction of acoustic parity-time-symmetric gratings using rigorous coupled-wave analysis. Journal of the Acoustical Society of America, 2020, 148, 33-43.	1.1	5
17	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
18	A tunable gradient impedance matching layer based on piezoelectric materials with external circuits. Journal of Applied Physics, 2020, 128, 064502.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Diffraction control in a non-Hermitian acoustic grating. Applied Physics Letters, 2020, 116, 213501.	3.3	12
20	Dual-Zone Active Noise Control Algorithm. Applied Sciences (Switzerland), 2020, 10, 4.	2.5	13
21	Research on cutting condition classification with vibration signal based on manifold learning. Proceedings of Meetings on Acoustics, 2020, , .	0.3	0
22	The vibration signal weighted by the cutting parameters for tool wear detection of milling machine. Proceedings of Meetings on Acoustics, 2020, , .	0.3	1
23	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
24	A Method of Ultrasonic Finger Gesture Recognition Based on the Micro-Doppler Effect. Applied Sciences (Switzerland), 2019, 9, 2314.	2.5	11
25	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
26	Combination of Robust Algorithm and Head-Tracking for a Feedforward Active Headrest. Applied Sciences (Switzerland), 2019, 9, 1760.	2.5	10
27	Quasi-isotropic underwater acoustic carpet cloak based on latticed pentamode metafluid. Applied Physics Letters, 2019, 114, .	3.3	54
28	Robust Personal Audio Geometry Optimization in the SVD-Based Modal Domain. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 610-620.	5.8	12
29	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
30	Frequency-Domain Adaptive Kalman Filter With Fast Recovery of Abrupt Echo-Path Changes. IEEE Signal Processing Letters, 2017, 24, 1778-1782.	3.6	34