

Dongyuan Shi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

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687220

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docs citations

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times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective fixed-filter active noise control based on convolutional neural network. <i>Signal Processing</i> , 2022, 190, 108317.	2.1	32
2	Optimal Penalty Factor for the MOV-FxLMS Algorithm in Active Noise Control System. <i>IEEE Signal Processing Letters</i> , 2022, 29, 85-89.	2.1	8
3	A Multi-Channel Wireless Active Noise Control Headphone With Coherence-Based Weight Determination Algorithm. <i>Journal of Signal Processing Systems</i> , 2022, 94, 811-819.	1.4	4
4	A Hybrid SFANC-FxNLMS Algorithm for Active Noise Control Based on Deep Learning. <i>IEEE Signal Processing Letters</i> , 2022, 29, 1102-1106.	2.1	15
5	Is self-explanation better than explaining to a fictitious student when learning from video lectures?. <i>British Journal of Educational Technology</i> , 2022, 53, 2012-2028.	3.9	6
6	Block coordinate descent based algorithm for computational complexity reduction in multichannel active noise control system. <i>Mechanical Systems and Signal Processing</i> , 2021, 151, 107346.	4.4	29
7	Alternative switching hybrid ANC. <i>Applied Acoustics</i> , 2021, 173, 107712.	1.7	16
8	Fast Adaptive Active Noise Control Based on Modified Model-Agnostic Meta-Learning Algorithm. <i>IEEE Signal Processing Letters</i> , 2021, 28, 593-597.	2.1	11
9	A Wireless Reference Active Noise Control Headphone Using Coherence Based Selection Technique. , 2021, , .		6
10	Ten questions concerning active noise control in the built environment. <i>Building and Environment</i> , 2021, 200, 107928.	3.0	60
11	Comb-partitioned frequency-domain constraint adaptive algorithm for active noise control. <i>Signal Processing</i> , 2021, 188, 108222.	2.1	11
12	Optimal Output-Constrained Active Noise Control Based on Inverse Adaptive Modeling Leak Factor Estimate. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2021, 29, 1256-1269.	4.0	20
13	Active Control of Low-Frequency Noise through a Single Top-Hung Window in a Full-Sized Room. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6817.	1.3	16
14	Using empirical wavelet transform to speed up selective filtered active noise control system. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 3490-3501.	0.5	11
15	An Improved Selective Active Noise Control Algorithm Based on Empirical Wavelet Transform. , 2020, , .		3
16	Feedforward Selective Fixed-filter Active Noise Control: Algorithm and Implementation. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2020, , 1-1.	4.0	27
17	Active control of broadband sound through the open aperture of a full-sized domestic window. <i>Scientific Reports</i> , 2020, 10, 10021.	1.6	46
18	Practical Implementation of Multichannel Filtered-x Least Mean Square Algorithm Based on the Multiple-Parallel-Branch With Folding Architecture for Large-Scale Active Noise Control. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2020, 28, 940-953.	2.1	36

#	ARTICLE	IF	CITATIONS
19	Feedforward multichannel virtual-sensing active control of noise through an aperture: Analysis on causality and sensor-actuator constraints. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 32-48.	0.5	22
20	Multichannel Active Noise Control with Spatial Derivative Constraints to Enlarge the Quiet Zone. , 2020, , .		5
21	Two-gradient direction FXLMS: An adaptive active noise control algorithm with output constraint. <i>Mechanical Systems and Signal Processing</i> , 2019, 116, 651-667.	4.4	38
22	Analysis of Multichannel Virtual Sensing Active Noise Control to Overcome Spatial Correlation and Causality Constraints. , 2019, , .		7
23	Exploiting the Underdetermined System in Multichannel Active Noise Control for Open Windows. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 390.	1.3	8
24	Optimal Leak Factor Selection for the Output-Constrained Leaky Filtered-Input Least Mean Square Algorithm. <i>IEEE Signal Processing Letters</i> , 2019, 26, 670-674.	2.1	14
25	Active control of sound through full-sized open windows. <i>Building and Environment</i> , 2018, 141, 16-27.	3.0	49
26	Understanding multiple-input multiple-output active noise control from a perspective of sampling and reconstruction. , 2017, , .		6
27	Effect of the audio amplifier's distortion on feedforward active noise control. , 2017, , .		12
28	On algorithms and implementations of a 4-channel active noise canceling window. , 2017, , .		6
29	A systolic FxLMS structure for implementation of feedforward active noise control on FPGA. , 2016, , .		8
30	Open loop active control of noise through open windows. <i>Proceedings of Meetings on Acoustics</i> , 2016, , .	0.3	6