Xiaojun Qiu

List of Publications by Year
in descending order

185 papers	2,155 citations	279701 23 h-index	377752 34 g-index
197 all docs	197 docs citations	197 times ranked	1051 citing authors

#	Article	IF	Citations
1	Quiet zone generation in an acoustic free field using multiple parametric array loudspeakers. Journal of the Acoustical Society of America, 2022, 151, 1235-1245.	0.5	5
2	Improving the performance of an active staggered window with multiple resonant absorbers. Journal of the Acoustical Society of America, 2022, 151, 1661-1671.	0.5	0
3	Scattering by a rigid sphere of audio sound generated by a parametric array loudspeaker. Journal of the Acoustical Society of America, 2022, 151, 1615-1626.	0.5	3
4	A natural ventilation window for transformer noise control based on coiled-up silencers consisting of coupled tubes. Applied Acoustics, 2022, 192, 108744.	1.7	1
5	A lumped-parameter model for sound generation in gas metal arc welding. Mechanical Systems and Signal Processing, 2021, 147, 107085.	4.4	4
6	Using a Laser Doppler Vibrometer to Estimate Sound Pressure in Air. , 2021, , 371-377.		0
7	Broadband noise insulation of windows using coiled-up silencers consisting of coupled tubes. Scientific Reports, 2021, 11, 6292.	1.6	4
8	The near field, Westervelt far field, and inverse-law far field of the audio sound generated by parametric array loudspeakers. Journal of the Acoustical Society of America, 2021, 149, 1524-1535.	0.5	19
9	Insertion loss of regular finite cylinder arrays with porous layers between the rows. Journal of the Acoustical Society of America, 2021, 149, 2395-2402.	0.5	1
10	Using a Retro-Reflective Membrane and Laser Doppler Vibrometer for Real-Time Remote Acoustic Sensing and Control. Sensors, 2021, 21, 3866.	2.1	5
11	Classification of transfer modes in gas metal arc welding using acoustic signal analysis. International Journal of Advanced Manufacturing Technology, 2021, 115, 3089-3104.	1.5	5
12	Hybrid Full-Wave Analysis of Surface Acoustic Wave Devices for Accuracy and Fast Performance Prediction. Micromachines, 2021, 12, 5.	1.4	9
13	An Experimental Study on Virtual Sound Barrier Performance in Workplaces. , 2021, , 321-326.		0
14	Active Control of Sound Transmission Through an Aperture in a Thin Wall. , 2021, , 327-333.		0
15	An experimental study on transfer function estimation using acoustic modelling and singular value decomposition. Journal of the Acoustical Society of America, 2021, 150, 3557-3568.	0.5	3
16	Secondary source and error sensing strategies for the active control of sound transmission through a small opening. Journal of Sound and Vibration, 2020, 464, 114973.	2.1	8
17	A frequency band constrained filtered–x least mean square algorithm for feedback active control systems. Journal of the Acoustical Society of America, 2020, 148, 1947-1951.	0.5	6
18	Effects of the Top Edge Impedance on Sound Barrier Diffraction. Applied Sciences (Switzerland), 2020, 10, 6042.	1.3	7

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19	Insertion loss of a thin partition for audio sounds generated by a parametric array loudspeaker. Journal of the Acoustical Society of America, 2020, 148, 226-235.	0.5	7
20	A note on using panel diffusers to improve sound field diffusivity in reverberation rooms below 100ÂHz. Applied Acoustics, 2020, 169, 107471.	1.7	2
21	An Acoustic Modelling Based Remote Error Sensing Approach for Quiet Zone Generation in a Noisy Environment. , 2020, , .		1
22	Geometric Nonlinear Model for Prediction of Frequencyâ€"Temperature Behavior of SAW Devices for Nanosensor Applications. Sensors, 2020, 20, 4237.	2.1	6
23	Reflection of audio sounds generated by a parametric array loudspeaker. Journal of the Acoustical Society of America, 2020, 148, 2327-2336.	0.5	6
24	Effects of geometric properties of a static pressure tube on its frequency response. Journal of the Acoustical Society of America, 2020, 148, 1289-1295.	0.5	0
25	Subwavelength broadband sound absorber based on a composite metasurface. Scientific Reports, 2020, 10, 13823.	1.6	26
26	Ultra-broadband local active noise control with remote acoustic sensing. Scientific Reports, 2020, 10, 20784.	1.6	15
27	The performance of active noise control systems on ground with two parallel reflecting surfaces. Journal of the Acoustical Society of America, 2020, 147, 3397-3407.	0.5	1
28	A spherical expansion for audio sounds generated by a circular parametric array loudspeaker. Journal of the Acoustical Society of America, 2020, 147, 3502-3510.	0.5	19
29	A time domain decentralized algorithm for two channel active noise control. Journal of the Acoustical Society of America, 2020, 147, 3808-3813.	0.5	11
30	A note on wind velocity and pressure spectra inside compact spherical porous microphone windscreens. Journal of the Acoustical Society of America, 2020, 147, EL43-EL49.	0.5	3
31	A non-paraxial model for the audio sound behind a non-baffled parametric array loudspeaker. Journal of the Acoustical Society of America, 2020, 147, 1577-1580.	0.5	9
32	Shaping the acoustic radiation of a vibrating plate. Journal of Sound and Vibration, 2020, 476, 115285.	2.1	12
33	Dual frequency sound absorption with an array of shunt loudspeakers. Scientific Reports, 2020, 10, 10806.	1.6	3
34	Sound transmission loss of porous materials in ducts with embedded periodic scatterers. Journal of the Acoustical Society of America, 2020, 147, 978-983.	0.5	12
35	A 5-stage active control method with online secondary path modelling using decorrelated control signal. Applied Acoustics, 2020, 164, 107252.	1.7	8
36	Improving active noise control without secondary path modeling using subband phase estimation. Journal of the Acoustical Society of America, 2020, 147, 1275-1283.	0.5	4

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37	A comparison between two modal domain methods for personal audio reproduction. Journal of the Acoustical Society of America, 2020, 147, 161-173.	0.5	10
38	Influence of interaural cross-correlation coefficient and loudness level on auditory source width at different frequency. Applied Acoustics, 2020, 162, 107198.	1.7	3
39	Effects of active noise cancelling headphones on speech recognition. Applied Acoustics, 2020, 165, 107335.	1.7	15
40	Tunable and broadband asymmetric sound absorptions with coupling of acoustic bright and dark modes. Journal of Sound and Vibration, 2020, 479, 115371.	2.1	47
41	A Four-Stage Method for Active Control with Online Feedback Path Modelling Using Control Signal. Applied Sciences (Switzerland), 2019, 9, 2973.	1.3	0
42	A boundary error sensing arrangement for virtual sound barriers to reduce noise radiation through openings. Journal of the Acoustical Society of America, 2019, 145, 3695-3702.	0.5	11
43	A near-field error sensing strategy for compact multi-channel active sound radiation control in free field. Journal of the Acoustical Society of America, 2019, 146, 2179-2187.	0.5	4
44	A switching strategy of the frequency-domain adaptive algorithm for active noise control. Journal of the Acoustical Society of America, 2019, 146, 1045-1050.	0.5	4
45	Increasing speech intelligibility in monaural hearing by adding noise at the other ear. Applied Acoustics, 2019, 146, 50-55.	1.7	2
46	Multilevel B-Splines-Based Learning Approach for Sound Source Localization. IEEE Sensors Journal, 2019, 19, 3871-3881.	2.4	17
47	High-efficiency collimation of airborne sound through a single deep-subwavelength aperture in an ultra-thin planar plate. Applied Physics Express, 2019, 12, 027002.	1.1	2
48	Increasing the performance of active noise control systems on ground with a finite size vertical reflecting surface. Applied Acoustics, 2019, 154, 193-200.	1.7	7
49	An effective hybrid low delay packet loss concealment algorithm for MDCT-based audio codec. Applied Acoustics, 2019, 154, 170-175.	1.7	1
50	Can a Robot Hear the Shape and Dimensions of a Room?. , 2019, , .		5
51	Increasing the performance of active noise control systems on ground with two vertical reflecting surfaces with an included angle. Journal of the Acoustical Society of America, 2019, 146, 4075-4085.	0.5	2
52	Decentralized Two-Channel Active Noise Control for Single Frequency by Shaping Matrix Eigenvalues. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 44-52.	4.0	23
53	Configuring fixed-coefficient active control systems for traffic noise reduction. Building and Environment, 2019, 149, 415-427.	3.0	11
54	A 2D dual-mode composite ultrasonic transducer excited by a single piezoceramic stack. Smart Materials and Structures, 2019, 28, 025017.	1.8	9

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55	Boundary control of sound transmission into a cavity through its opening. Journal of Sound and Vibration, 2019, 442, 350-365.	2.1	12
56	Robust Personal Audio Geometry Optimization in the SVD-Based Modal Domain. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 610-620.	4.0	12
57	A composite objective measure on subjective evaluation of speech enhancement algorithms. Applied Acoustics, 2019, 145, 144-148.	1.7	5
58	Direction of arrival estimation of multiple acoustic sources using a maximum likelihood method in the spherical harmonic domain. Applied Acoustics, 2018, 135, 85-90.	1.7	8
59	Spatial decorrelation of wind noise with porous microphone windscreens. Journal of the Acoustical Society of America, 2018, 143, 330-339.	0.5	3
60	A generalized leaky FxLMS algorithm for tuning the waterbed effect of feedback active noise control systems. Mechanical Systems and Signal Processing, 2018, 106, 13-23.	4.4	55
61	A Multi-Tone Sound Absorber Based on an Array of Shunted Loudspeakers. Applied Sciences (Switzerland), 2018, 8, 2484.	1.3	9
62	Experience and Imagination in Transdisciplinary Design: The FabPod. Architecture and Culture, 2018, 6, 307-328.	0.2	1
63	Mitigating wind noise with a spherical microphone array. Journal of the Acoustical Society of America, 2018, 144, 3211-3220.	0.5	6
64	Design of a Wideband Linear Microphone Array for High-Quality Audio Recording. AES: Journal of the Audio Engineering Society, 2018, 66, 154-166.	0.8	0
65	Effects of a finite size reflecting disk in sound power measurements. Applied Acoustics, 2018, 140, 24-29.	1.7	3
66	Near-field error sensing for active directivity control of radiated sound. Journal of the Acoustical Society of America, 2018, 144, 598-607.	0.5	6
67	Effects of periodically corrugated surfaces on sound scattering. Journal of Sound and Vibration, 2018, 436, 1-14.	2.1	0
68	Mechanisms of active control of sound radiation from an opening with boundary installed secondary sources. Journal of the Acoustical Society of America, 2018, 143, 3345-3351.	0.5	11
69	Development of a clarity parameter using a time-varying loudness model. Journal of the Acoustical Society of America, 2018, 143, 3455-3459.	0.5	1
70	Thin multi-tone sound absorbers based on analog circuit shunt loudspeakers. Noise Control Engineering Journal, 2018, 66, 496-504.	0.2	5
71	Convergence analysis of the modified frequency-domain block LMS algorithm with guaranteed optimal steady state performance. Signal Processing, 2017, 132, 165-169.	2.1	8
72	Compensating the distortion of micro-speakers in a closed box with consideration of nonlinear mechanical resistance. Journal of the Acoustical Society of America, 2017, 141, 1144-1149.	0.5	3

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73	Active sound radiation control with secondary sources at the edge of the opening. Applied Acoustics, 2017, 117, 173-179.	1.7	14
74	Performance of a multichannel active sound radiation control system near a reflecting surface. Applied Acoustics, 2017, 123, 1-8.	1.7	11
75	Comparison of psychoacoustic-based reverberance parameters. Journal of the Acoustical Society of America, 2017, 142, 1832-1840.	0.5	5
76	Controlling sound radiation through an opening with secondary loudspeakers along its boundaries. Scientific Reports, 2017, 7, 13385.	1.6	14
77	Spatial filtering of audible sound with acoustic landscapes. Applied Physics Letters, 2017, 111, 041904.	1.5	2
78	Wind noise spectra in small Reynolds number turbulent flows. Journal of the Acoustical Society of America, 2017, 142, 3227-3233.	0.5	5
79	On the wind noise reduction mechanism of porous microphone windscreens. Journal of the Acoustical Society of America, 2017, 142, 2454-2463.	0.5	10
80	Performance of a snoring noise control system based on an active partition. Applied Acoustics, 2017, 116, 283-290.	1.7	9
81	A compact active sound absorption system compensating near-field effect of the secondary source. Noise Control Engineering Journal, 2017, 65, 482-487.	0.2	0
82	Contributions of various transmission paths to speech privacy of open ceiling meeting rooms in open-plan offices. Applied Acoustics, 2016, 112, 59-69.	1.7	3
83	Effects of a near-field rigid sphere scatterer on the performance of linear microphone array beamformers. Journal of the Acoustical Society of America, 2016, 140, 924-935.	0.5	1
84	Pressure spectra in turbulent flows in the inertial and the dissipation ranges. Journal of the Acoustical Society of America, 2016, 140, 4178-4182.	0.5	10
85	Uncertainties of reverberation time estimation via adaptively identified room impulse responses. Journal of the Acoustical Society of America, 2016, 139, 1093-1100.	0.5	1
86	Active Noise Control in Workplaces. Acoustics Australia, 2016, 44, 45-50.	1.4	12
87	Geometrical room geometry estimation from room impulse responses. , 2016, , .		6
88	On directivity of a circular array with directional microphones. , 2016, , .		3
89	Principles of Sound Absorbers. Textile Science and Clothing Technology, 2016, , 43-72.	0.4	11
90	Robustness of a compact endfire personal audio system against scattering effects (L). Journal of the Acoustical Society of America, 2016, 140, 2720-2724.	0.5	5

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91	A study on the optimal English speech level for Chinese listeners in classrooms. Applied Acoustics, 2016, 104, 50-56.	1.7	2
92	Performance of an independent planar virtual sound barrier at the opening of a rectangular enclosure. Applied Acoustics, 2016, 105, 215-223.	1.7	20
93	A Simplified Subband ANC Algorithm Without Secondary Path Modeling. IEEE/ACM Transactions on Audio Speech and Language Processing, 2016, 24, 1164-1174.	4.0	20
94	Performance of a planar virtual sound barrier at the baffled opening of a rectangular cavity. Journal of the Acoustical Society of America, 2015, 138, 2836-2847.	0.5	26
95	An integral equation method for calculating sound field diffracted by a rigid barrier on an impedance ground. Journal of the Acoustical Society of America, 2015, 138, 1608-1613.	0.5	5
96	A maximum likelihood direction of arrival estimation method for open-sphere microphone arrays in the spherical harmonic domain. Journal of the Acoustical Society of America, 2015, 138, 791-794.	0.5	10
97	Reverberation time estimation from speech signals based on blind room impulse response identification. Journal of the Acoustical Society of America, 2015, 138, 731-734.	0.5	1
98	A Linear Robust Binaural Sound Reproduction System with Optimal Source Distribution Strategy. AES: Journal of the Audio Engineering Society, 2015, 63, 725-735.	0.8	2
99	An extension to the filtered-x LMS algorithm with logarithmic transformation. , 2015, , .		2
100	Sound quality inside small meeting rooms with different room shape and fine structures. Applied Acoustics, 2015, 93, 65-74.	1.7	5
101	Acoustic contrast control in an arc-shaped area using a linear loudspeaker array. Journal of the Acoustical Society of America, 2015, 137, 1036-1039.	0.5	11
102	Decoupling feedforward and feedback structures in hybrid active noise control systems for uncorrelated narrowband disturbances. Journal of Sound and Vibration, 2015, 350, 1-10.	2.1	27
103	Static flow resistivity measurements based on the ISO 10534.2 standard impedance tube. Building and Environment, 2015, 94, 853-858.	3.0	13
104	A preliminary study on the performance of indoor active noise barriers based on 2D simulations. Building and Environment, 2015, 94, 891-899.	3.0	11
105	A recursive least square algorithm for active control of mixed noise. Journal of Sound and Vibration, 2015, 339, 1-10.	2.1	33
106	Improving active control of fan noise with automatic spectral reshaping for reference signal. Applied Acoustics, 2015, 87, 142-152.	1.7	18
107	Sound absorption of a finite micro-perforated panel backed by a shunted loudspeaker. Journal of the Acoustical Society of America, 2014, 135, 231-238.	0.5	54
108	Robust blind identification of room acoustic channels in symmetric alpha-stable distributed noise environments. Journal of the Acoustical Society of America, 2014, 136, 693-704.	0.5	16

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109	A simplified adaptive feedback active noise control system. Applied Acoustics, 2014, 81, 40-46.	1.7	41
110	Causality study on a feedforward active noise control headset with different noise coming directions in free field. Applied Acoustics, 2014, 80, 36-44.	1.7	43
111	A modified frequency-domain block LMS algorithm with guaranteed optimal steady-state performance. Signal Processing, 2014, 104, 27-32.	2.1	17
112	Delivering Sound Energy along an Arbitrary Convex Trajectory. Scientific Reports, 2014, 4, 6628.	1.6	50
113	Preface to the special topic on modern acoustics. Science China: Physics, Mechanics and Astronomy, 2013, 56, 1235-1236.	2.0	0
114	Time Difference of Arrival Estimation Exploiting Multichannel Spatio-Temporal Prediction. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 463-475.	3.8	27
115	Time delay estimation via non-mutual information among multiple microphones. Applied Acoustics, 2013, 74, 1033-1036.	1.7	9
116	An M-Estimator based algorithm for active impulse-like noise control. Applied Acoustics, 2013, 74, 407-412.	1.7	25
117	An intuitive approach for feedback active noise controller design. Applied Acoustics, 2013, 74, 160-168.	1.7	32
118	Performance analysis of decentralized multi-channel feedback systems for active noise control in free space. Applied Acoustics, 2013, 74, 181-188.	1.7	17
119	Active impulsive noise control algorithm with post adaptive filter coefficient filtering. IET Signal Processing, 2013, 7, 515-521.	0.9	14
120	A composite sound absorber with micro-perforated panel and shunted loudspeaker. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1
121	Special Issue on â€œAdvances in Active Control of Sound and Vibrationâ€ Editorial. Asian Journal of Control, 2013, 15, 1563-1565.	1.9	0
122	Steady-State Solution of the Deficient Length Constrained FBLMS Algorithm. IEEE Transactions on Signal Processing, 2012, 60, 6681-6687.	3.2	27
123	Sound radiation into air by a point source moving underwater. Journal of Sound and Vibration, 2012, 331, 4481-4487.	2.1	3
124	Waveguide characteristics of coupled in-plane waves. Journal of the Acoustical Society of America, 2012, 131, 4543-4549.	0.5	0
125	Active control of transformer noise with an internally synthesized reference signal. Journal of Sound and Vibration, 2012, 331, 3466-3475.	2.1	30
126	Active control of three-dimension impulsive scattered radiation based on a prediction method. Mechanical Systems and Signal Processing, 2012, 30, 267-273.	4.4	14

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127	Multifractal Sensitive Frequency Analysis of Mice ECG Signals Based on Downsampling Approach. , 2011, , .		0
128	Multiscale multifractal analysis of 12-lead ECG signals of mice based on wavelet transform and coarse-grained approach. , 2011, , .		0
129	An Active Impulsive Noise Control Algorithm With Logarithmic Transformation. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 1041-1044.	3.8	82
130	An active noise barrier with unidirectional secondary sources. Applied Acoustics, 2011, 72, 969-974.	1.7	19
131	Stereo Acoustic Echo Cancellation Employing Frequency-Domain Preprocessing and Adaptive Filter. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 614-623.	3.8	18
132	Single frequency sound propagation in flat waveguides with locally reactive impedance boundaries. Journal of the Acoustical Society of America, 2011, 130, 772-782.	0.5	3
133	Different sound decay patterns and energy feedback in coupled volumes. Journal of the Acoustical Society of America, 2011, 129, 1972-1980.	0.5	11
134	Active noise attenuation in ventilation windows. Journal of the Acoustical Society of America, 2011, 130, 176-188.	0.5	75
135	Analysis of heartbeat asymmetry based on multi-scale time irreversibility test. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 754-760.	1.2	45
136	A compound secondary source for active noise radiation control. Applied Acoustics, 2010, 71, 101-106.	1.7	11
137	On the sound field of a vault with two open ends. Applied Acoustics, 2010, 71, 556-563.	1.7	1
138	Active control of one-dimension impulsive reflection based on a prediction method. Journal of the Acoustical Society of America, 2010, 127, 1193-1196.	0.5	10
139	A Windowing Frequency Domain Adaptive Filter for Acoustic Echo Cancellation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 2626-2628.	0.2	2
140	Channel separation of crosstalk cancellation systems with mismatched and misaligned sound sources. Journal of the Acoustical Society of America, 2009, 126, 1796.	0.5	3
141	Multiple acoustic diffraction around rigid parallel wide barriers. Journal of the Acoustical Society of America, 2009, 126, 179-186.	0.5	15
142	Sensor number requirements for sound power prediction using two different mode decomposition methods. Applied Acoustics, 2009, 70, 646-651.	1.7	3
143	Two Listeners Crosstalk Cancellation System Modelled by Four Point Sources and Two Rigid Spheres. Acta Acustica United With Acustica, 2009, 95, 379-385.	0.8	4
144	Performance analysis of the virtual sound barrier system with a diffracting sphere. Applied Acoustics, 2008, 69, 875-883.	1.7	11

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145	An analytical model to estimate the performance of an indoor barrier at low-medium frequencies. Applied Acoustics, 2008, 69, 1343-1349.	1.7	2
146	An Improved Active Noise Control Algorithm Without Secondary Path Identification Based on the Frequency-Domain Subband Architecture. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 1409-1419.	3.8	39
147	An Overlap-Save Frequency-Domain Implementation of the Delayless Subband ANC Algorithm. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 1706-1710.	3.8	19
148	Voice Separation Using Ratchet FAP Algorithm. , 2008, , .		1
149	The Statistical Behavior of Phase Error for Deficient-Order Secondary Path Modeling. IEEE Signal Processing Letters, 2008, 15, 313-316.	2.1	17
150	An bit allocation method based rate-distortion control algorithm for MPEG-4 advanced audio coding. , 2008, , .		0
151	Performance of an active control system near a reflecting surface. Australian Journal of Mechanical Engineering, 2008, 5, 35-42.	1.5	2
152	Stability improvement of relaxed FAP algorithm. Electronics Letters, 2007, 43, 1119.	0.5	5
153	A study of sound intensity control for active noise barriers. Applied Acoustics, 2007, 68, 1297-1306.	1.7	19
154	Receiving radius determination in ray-tracing sound prediction of rectangular enclosure. Journal of Sound and Vibration, 2007, 301, 391-399.	2.1	2
155	Error sensor location optimization for active soft edge noise barrier. Journal of Sound and Vibration, 2007, 299, 409-417.	2.1	16
156	A preliminary experimental study on virtual sound barrier system. Journal of Sound and Vibration, 2007, 307, 379-385.	2.1	19
157	An error path delay compensated delayless subband adaptive filter architecture. Signal Processing, 2007, 87, 2640-2648.	2.1	2
158	Robust Source Separation with Simple One-Source-Active Detection. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2007, E90-A, 2939-2944.	0.2	1
159	A note on the prediction method of reverberation absorption coefficient of double layer micro-perforated membrane. Applied Acoustics, 2006, 67, 106-111.	1.7	22
160	Implementation of active noise control in a multi-modal spray dryer exhaust stack. Applied Acoustics, 2006, 67, 28-48.	1.7	3
161	A further study of the prediction method for aerodynamic sound produced by two in-duct elements. Journal of Sound and Vibration, 2006, 294, 374-380.	2.1	6
162	A note on cancellation path modeling signal in active noise control. Signal Processing, 2006, 86, 2318-2325.	2.1	4

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163	A new rule of vibration sampling for predicting acoustical radiation from rectangular plates. Applied Acoustics, 2006, 67, 756-770.	1.7	7
164	Quasi-Blind Source Separation Algorithm for Convolutive Mixture of Speech. , 2006, , .		0
165	Extracting reflection with wavelet transform in vibroseis signal processing. Journal of Geophysics and Engineering, 2006, 3, 236-242.	0.7	3
166	A Frequency Domain Nonlinearity for Stereo Echo Cancellation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2005, E88-A, 1757-1759.	0.2	3
167	Active control of radiation from a piston set in a rigid sphere. Journal of the Acoustical Society of America, 2004, 115, 2954-2963.	0.5	12
168	An adaptive speech enhancement method for siren noise cancellation. Applied Acoustics, 2004, 65, 385-399.	1.7	16
169	Applying effort constraints on adaptive feedforward control using the active set method. Journal of Sound and Vibration, 2003, 260, 757-762.	2.1	11
170	Lattice form adaptive infinite impulse response filtering algorithm for active noise control. Journal of the Acoustical Society of America, 2003, 113, 327-335.	0.5	20
171	A waveform synthesis algorithm for active control of transformer noise: implementation. Applied Acoustics, 2002, 63, 467-479.	1.7	33
172	Active Control of Sound Radiation by Structures Using Near-field Sensing Strategies. International Journal of Acoustics and Vibrations, 2002, 7, .	0.3	1
173	Active Control of Sound Radiation from a Small Transformer Using Near-field Sensing. International Journal of Acoustics and Vibrations, 2002, 7, .	0.3	1
174	AN ALGORITHM FOR ACTIVE CONTROL OF TRANSFORMER NOISE WITH ON-LINE CANCELLATION PATH MODELLING BASED ON THE PERTURBATION METHOD. Journal of Sound and Vibration, 2001, 240, 647-665.	2.1	29
175	A study of time-domain FXLMS algorithms with control output constraint. Journal of the Acoustical Society of America, 2001, 109, 2815-2823.	0.5	41
176	Minimizing wind effects on active control systems for attenuating outdoor transformer noise. Noise Control Engineering Journal, 2000, 48, 130.	0.2	6
177	SECONDARY ACOUSTIC SOURCE TYPES FOR ACTIVE NOISE CONTROL IN FREE FIELD: MONOPOLES OR MULTIPOLES?. Journal of Sound and Vibration, 2000, 232, 1005-1009.	2.1	9
178	A Modified Filtered-X LMS Algorithm for Active Control of Periodic Noise with On-Line Cancellation Path Modelling. Journal of Low Frequency Noise Vibration and Active Control, 2000, 19, 35-46.	1.3	9
179	Near-field sensing strategies for the active control of the sound radiated from a plate. Journal of the Acoustical Society of America, 1999, 106, 3394-3406.	0.5	20
180	A COMPARISON OF NEAR-FIELD ACOUSTIC ERROR SENSING STRATEGIES FOR THE ACTIVE CONTROL OF HARMONIC FREE FIELD SOUND RADIATION. Journal of Sound and Vibration, 1998, 215, 81-103.	2.1	20

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181	EFFECTS OF ACOUSTIC EXCITATIONS ON ACTIVE FLUTTER CONTROL. Journal of Sound and Vibration, 1996, 190, 843-846.	2.1	0
182	Mechanisms of active control of noise transmission through a panel into a cavity using a point force actuator on the panel. Journal of Sound and Vibration, 1995, 182, 167-170.	2.1	21
183	Design and performance of a hemi-anechoic room for measurement of the noise emitted by computer and business equipment. Noise Control Engineering Journal, 1993, 1, 1-60.	0.1	3
184	A new adaptive IIR algorithm for active noise control. , 0, , .		1
185	On the spherical expansion for calculating the sound radiated by a baffled circular piston. Journal of Theoretical and Computational Acoustics, 0, , 2050026.	0.5	3