

# Kent L Gee

## List of Publications by Year in descending order

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178  
papers

1,776  
citations

361413

20  
h-index

395702

33  
g-index

221  
all docs

221  
docs citations

221  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to the special issue on supersonic jet noise. Journal of the Acoustical Society of America, 2022, 151, 806-816.	1.1	3
2	Supersonic jet noise from launch vehicles: 50 years since NASA SP-8072. Journal of the Acoustical Society of America, 2022, 151, 752-791.	1.1	16
3	Evidence for near-source nonlinear propagation of volcano infrasound from Strombolian explosions at Yasur Volcano, Vanuatu. Bulletin of Volcanology, 2022, 84, 1.	3.0	5
4	Near-field acoustical holography and acoustic power analysis of a simulated, highly heated supersonic jet. Journal of the Acoustical Society of America, 2022, 151, 1989-2001.	1.1	3
5	Atmospheric waves and global seismoacoustic observations of the January 2022 Hunga eruption, Tonga. Science, 2022, 377, 95-100.	12.6	170
6	Acoustic Source Characterization of an Installed GE F404 Engine Using Near-field Acoustical Holography. , 2022, , .		2
7	A coherence-based phase and amplitude gradient estimator method for calculating active acoustic intensity. Journal of the Acoustical Society of America, 2022, 151, 4053-4060.	1.1	0
8	Jet Noise Measurements of an Installed GE F404 Engine. , 2021, , .		3
9	Evidence for nonlinear reflections in shock-containing noise near high-performance military aircraft. Journal of the Acoustical Society of America, 2021, 149, 2403-2414.	1.1	6
10	A tale of two curves and their influence on rocket and supersonic jet noise research. Journal of the Acoustical Society of America, 2021, 149, 2159-2162.	1.1	5
11	Evaluating the applicability of a screen diffraction approximation to local volcano infrasound. Volcanica, 2021, 4, 67-85.	1.8	14
12	Source Localization of Crackle-Related Events in Military Aircraft Jet Noise. AIAA Journal, 2021, 59, 2251-2261.	2.6	5
13	Automatic classification and reduction of wind noise in spectral data. JASA Express Letters, 2021, 1, .	1.1	6
14	Acoustical Holography-Based Analysis of Spatospectral Lobes in High-Performance Aircraft Jet Noise. AIAA Journal, 2021, 59, 4166-4178.	2.6	11
15	Characterization of Falcon 9 launch vehicle noise from far-field measurements. Journal of the Acoustical Society of America, 2021, 150, 620-633.	1.1	9
16	Validating two geospatial models of continental-scale environmental sound levels. JASA Express Letters, 2021, 1, .	1.1	6
17	On the contributions of David T. Blackstock to understanding nonlinear propagation of jet noise. Proceedings of Meetings on Acoustics, 2021, , .	0.3	0
18	Application of a spectral-based wind noise reduction method to acoustical measurements. Proceedings of Meetings on Acoustics, 2021, , .	0.3	0

#	ARTICLE	IF	CITATIONS
19	An impedance-based formulation of frequency-domain nonlinearity indicators in finite-amplitude sound propagation. <i>Journal of the Acoustical Society of America</i> , 2020, 148, EL295-EL300.	1.1	2
20	Coherence Analysis of the Noise from a Simulated Highly Heated Laboratory-Scale Jet. <i>AIAA Journal</i> , 2020, 58, 3426-3435.	2.6	12
21	Bandwidth extension of intensity-based sound power estimates. <i>Journal of the Acoustical Society of America</i> , 2020, 147, EL409-EL414.	1.1	0
22	Characterizing distinct components of tactical aircraft noise sources. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 3550-3564.	1.1	2
23	Investigating Spectral Distortion of Local Volcano Infrasound by Nonlinear Propagation at Sakurajima Volcano, Japan. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018284.	3.4	11
24	Near to far field correlation of crackle-related events in military aircraft jet noise. <i>Proceedings of Meetings on Acoustics</i> , 2020, , .	0.3	0
25	Case study: Noise reduction of a vacuum-assisted toilet. <i>Noise Control Engineering Journal</i> , 2020, 68, 294-302.	0.3	0
26	Comparing two weather-robust microphone configurations for outdoor measurements. <i>Proceedings of Meetings on Acoustics</i> , 2020, , .	0.3	3
27	Three-Way Spectral Decompositions of High-Performance Military Aircraft Noise. <i>AIAA Journal</i> , 2019, 57, 3467-3479.	2.6	10
28	Source characterization of full-scale tactical jet noise from phased-array measurements. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 665-680.	1.1	8
29	Bandwidth extension of narrowband-signal intensity calculation using additive, low-level broadband noise. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 3146-3153.	1.1	1
30	Techniques for the rapid calculation of the excitation pattern in the time varying extensions to ANSI S3.4-2007. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	2
31	Initial infrasound source characterization using the phase and amplitude gradient estimator method. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	1
32	How POMA and other conference proceedings empower students to publish. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	1
33	Improving mentored research relationships. <i>Proceedings of Meetings on Acoustics</i> , 2019, , .	0.3	1
34	Crackle-related beamforming of military jet aircraft noise. , 2019, , .		2
35	Coherence Analysis of the Noise from a Simulated Highly-heated Laboratory-scale Jet. , 2019, , .		0
36	Data-reduced broadband equivalent acoustic source model for supersonic jet noise. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 3409-3424.	1.1	1

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37	Cumulative noise exposure model for outdoor shooting ranges. Journal of the Acoustical Society of America, 2019, 146, 3863-3867.	1.1	10
38	The effects of contaminating noise on the calculation of active acoustic intensity for pressure gradient methods. Journal of the Acoustical Society of America, 2019, 145, 173-184.	1.1	3
39	Characterizing the effects of two ground-based outdoor microphone configurations. Proceedings of Meetings on Acoustics, 2019, , .	0.3	3
40	Automatic detection of instances of focused crowd involvement at recreational events. Proceedings of Meetings on Acoustics, 2019, , .	0.3	1
41	Peak directivity analysis of far-field acoustical measurements during three GEM 63 static firings. Proceedings of Meetings on Acoustics, 2019, , .	0.3	1
42	Three-microphone probe bias errors for acoustic intensity and specific acoustic impedance. Journal of the Acoustical Society of America, 2018, 143, EL81-EL86.	1.1	3
43	Characterizing acoustic shocks in high-performance jet aircraft flyover noise. Journal of the Acoustical Society of America, 2018, 143, 1355-1365.	1.1	3
44	Rating the perception of jet noise crackle. Proceedings of Meetings on Acoustics, 2018, , .	0.3	3
45	Obtaining acoustic intensity from multisource statistically optimized near-field acoustical holography. Proceedings of Meetings on Acoustics, 2018, , .	0.3	3
46	Noise control of a vacuum-assisted toilet: structural vibration damping. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1
47	Machine learning-based ensemble model predictions of outdoor ambient sound levels. Proceedings of Meetings on Acoustics, 2018, , .	0.3	3
48	Summary of "Supersonic Jet Aeroacoustics" Special Session. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1
49	Real-time localization of sources using the phase and amplitude gradient estimator for acoustic intensity. Proceedings of Meetings on Acoustics, 2018, , .	0.3	0
50	Broadband shock-associated noise from a high-performance military aircraft. Journal of the Acoustical Society of America, 2018, 144, EL242-EL247.	1.1	11
51	Highly directional pressure sensing using the phase gradient. Journal of the Acoustical Society of America, 2018, 144, EL346-EL352.	1.1	1
52	Partial-field decomposition analysis of full-scale supersonic jet noise using optimized-location virtual references. Journal of the Acoustical Society of America, 2018, 144, 1356-1367.	1.1	9
53	Frequency-domain nonlinearity analysis of noise from a high-performance jet aircraft. Proceedings of Meetings on Acoustics, 2018, , .	0.3	2
54	Comparison of Noise from High-Performance Military Aircraft for Ground Run-up and Flyover Operations. , 2018, , .		0

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55	Spatiotemporal-correlation analysis of jet noise from a round nozzle high-performance aircraft. , 2018, , .		9
56	Inclusion of Broadband Shock-Associated Noise in Spectral Decomposition of Noise from High-performance Military Aircraft. , 2018, , .		5
57	Subjective rating of the jet noise crackle percept. Journal of the Acoustical Society of America, 2018, 144, EL40-EL45.	1.1	12
58	Effect of Nozzleâ€Plate Distance on Acoustic Phenomena from Supersonic Impinging Jet. AIAA Journal, 2018, 56, 1943-1952.	2.6	21
59	Model-scale jet noise analysis with a single-point, frequency-domain nonlinearity indicator. Journal of the Acoustical Society of America, 2018, 143, 3479-3492.	1.1	6
60	Beamforming of supersonic jet noise for crackle-related events. Proceedings of Meetings on Acoustics, 2018, , .	0.3	3
61	Classifying crowd behavior at collegiate basketball games using acoustic data. Proceedings of Meetings on Acoustics, 2018, , .	0.3	6
62	Single-point characterization of spectral amplitude and phase changes due to nonlinear propagation. Proceedings of Meetings on Acoustics, 2018, , .	0.3	0
63	Impulse noise measurements of M16 rifles at Marine Base Quantico. Proceedings of Meetings on Acoustics, 2018, , .	0.3	6
64	K-Means clustering of inputs to a geospatial model for optimizing acoustic data collection. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1
65	Effects of meteorology on long-range nonlinear propagation of jet noise from a static, high-performance military aircraft. Proceedings of Meetings on Acoustics, 2018, , .	0.3	0
66	Extending the bandwidth of an acoustic beamforming array using phase unwrapping and array interpolation. Journal of the Acoustical Society of America, 2017, 141, EL407-EL412.	1.1	10
67	Experimental validation of acoustic intensity bandwidth extension by phase unwrapping. Journal of the Acoustical Society of America, 2017, 141, EL357-EL362.	1.1	12
68	Testing two crackle criteria using modified jet noise waveforms. Journal of the Acoustical Society of America, 2017, 141, EL549-EL554.	1.1	8
69	Bias error analysis for phase and amplitude gradient estimation of acoustic intensity and specific acoustic impedance. Journal of the Acoustical Society of America, 2017, 142, 2208-2218.	1.1	13
70	Implementing sharpness using specific loudness calculated from the â€Procedure for the Computation of Loudness of Steady Soundsâ€. Proceedings of Meetings on Acoustics, 2017, , .	0.3	4
71	Extending sharpness calculation for an alternative loudness metric input. Journal of the Acoustical Society of America, 2017, 142, EL549-EL554.	1.1	3
72	Higher-order estimation of active and reactive acoustic intensity. Proceedings of Meetings on Acoustics, 2017, , .	0.3	4

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73	Coherence-based phase unwrapping for broadband acoustic signals. Proceedings of Meetings on Acoustics, 2017, , .	0.3	10
74	Acoustic intensity of narrowband sources using the phase and amplitude gradient estimator method. Proceedings of Meetings on Acoustics, 2017, , .	0.3	1
75	Exploring the use of time-sensitive sound quality metrics and related quantities for detecting crackle. Proceedings of Meetings on Acoustics, 2017, , .	0.3	3
76	Summary of "Supersonic Jet and Rocket Noise". Proceedings of Meetings on Acoustics, 2017, , .	0.3	1
77	Frequency-dependent jet noise source localization using cross-correlation between near and far-field microphone arrays. Proceedings of Meetings on Acoustics, 2017, , .	0.3	1
78	Numerical validation of using multisource statistically-optimized near-field acoustical holography in the vicinity of a high-performance military aircraft. Proceedings of Meetings on Acoustics, 2017, , .	0.3	1
79	Characterization of Supersonic Laboratory-Scale Jet Noise with Vector Acoustic Intensity. , 2017, , .		10
80	Preliminary Investigation of Multilobe Fighter Jet Noise Sources Using Acoustical Holography. , 2017, , .		9
81	Acoustic Shock Formation in Noise Propagation During Ground Run-Up Operations of Military Aircraft. , 2017, , .		12
82	Beamforming-Based Wavepacket Model for Noise Environment Predictions of Tactical Aircraft. , 2017, , .		6
83	Incorporating measurement standards for sound power in an advanced acoustics laboratory course. Proceedings of Meetings on Acoustics, 2017, , .	0.3	0
84	Plane-wave tube validation of bandwidth extension for energy-based quantities using pressure gradient methods. Proceedings of Meetings on Acoustics, 2017, , .	0.3	0
85	Spectral-normalization filter for subjective analysis of the aging voice. Proceedings of Meetings on Acoustics, 2016, 26, .	0.3	0
86	Evolution of the temporal slope density function for waves propagating according to the inviscid Burgers equation. Journal of the Acoustical Society of America, 2016, 139, 958-967.	1.1	7
87	Azimuthal coherence of the sound field in the vicinity of a high performance military aircraft. Proceedings of Meetings on Acoustics, 2016, , .	0.3	5
88	Acoustic measurements in the far field during QM-2 solid rocket motor static firing. Proceedings of Meetings on Acoustics, 2016, , .	0.3	2
89	Summary of "Acoustics of Supersonic Jets: Launch Vehicle and Military Jet Acoustics". Proceedings of Meetings on Acoustics, 2016, , .	0.3	1
90	Military jet noise source imaging using multisource statistically optimized near-field acoustical holography. Journal of the Acoustical Society of America, 2016, 139, 1938-1950.	1.1	36

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91	Asymptotic behavior of a frequency-domain nonlinearity indicator for solutions to the generalized Burgers equation. Journal of the Acoustical Society of America, 2016, 140, EL522-EL527.	1.1	4
92	Evolution of the derivative skewness for nonlinearly propagating waves. Journal of the Acoustical Society of America, 2016, 139, 1390-1403.	1.1	26
93	Quantitative analysis of a frequency-domain nonlinearity indicator. Journal of the Acoustical Society of America, 2016, 139, 2505-2513.	1.1	14
94	Spatiotemporal-Correlation Analysis of Jet Noise from a High-Performance Military Aircraft. AIAA Journal, 2016, 54, 1554-1566.	2.6	21
95	Acoustical Environment During F-35B Vertical Landing Operations. Journal of Aircraft, 2016, 53, 1975-1979.	2.4	1
96	Development of a Near-field Intensity Measurement Capability for Static Rocket Firings. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2016, 14, Po_2_9-Po_2_15.	0.2	8
97	Comparative Analysis of NASA SP-8072's Core Length with Full-Scale Rocket Data. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2016, 14, Po_2_17-Po_2_24.	0.2	1
98	Near-field spatial variation in similarity spectra decomposition of a Mach 1.8 laboratory-scale jet. Proceedings of Meetings on Acoustics, 2016, , .	0.3	6
99	The sound of STEAM: Acoustics as the bridge between the arts and STEM. Proceedings of Meetings on Acoustics, 2016, , .	0.3	4
100	Propagation of crackle-containing jet noise from high-performance engines. Noise Control Engineering Journal, 2016, 64, 1-12.	0.3	20
101	Modeling Far-field Acoustical Nonlinearity from F-35 Aircraft during Ground Run-up. , 2016, , .		5
102	Comparison of multi-microphone probes and estimation methods for pressure-based acoustic intensity. Proceedings of Meetings on Acoustics, 2016, , .	0.3	1
103	In defense of the Morfey-Howell single-point nonlinearity indicator: An impedance-based interpretation. Proceedings of Meetings on Acoustics, 2016, , .	0.3	1
104	Acoustical Environment of an F-35B During Vertical Landings. , 2015, , .		1
105	Mach stem formation in outdoor measurements of acoustic shocks. Journal of the Acoustical Society of America, 2015, 138, EL522-EL527.	1.1	7
106	Acoustic intensity near a high-powered military jet aircraft. Journal of the Acoustical Society of America, 2015, 138, EL1-EL7.	1.1	8
107	Initial laboratory experiments to validate a phase and amplitude gradient estimator method for the calculation of acoustic intensity. Proceedings of Meetings on Acoustics, 2015, , .	0.3	5
108	Quantitative nonlinearity analysis of model-scale jet noise. AIP Conference Proceedings, 2015, , .	0.4	1

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109	Preparing for a career in academia: Mentoring students in research. Proceedings of Meetings on Acoustics, 2015, , .	0.3	0
110	Outdoor measurements of spherical acoustic shock decay. Journal of the Acoustical Society of America, 2015, 138, EL305-EL310.	1.1	6
111	Acoustical measurements during a static firing of the Space Launch System solid rocket motor. Proceedings of Meetings on Acoustics, 2015, , .	0.3	1
112	Acoustic Emissions from F-35 Aircraft during Ground Run-Up. , 2015, , .		27
113	Source characterization of full-scale jet noise using acoustic intensity. Noise Control Engineering Journal, 2015, 63, 522-536.	0.3	24
114	Including source correlation and atmospheric turbulence in a ground reflection model for rocket noise. Proceedings of Meetings on Acoustics, 2015, , .	0.3	4
115	Phase and amplitude gradient method for the estimation of acoustic vector quantities. Journal of the Acoustical Society of America, 2015, 137, 3366-3376.	1.1	29
116	Evolution of the average steepening factor for nonlinearly propagating waves. Journal of the Acoustical Society of America, 2015, 137, 640-650.	1.1	16
117	Multisource statistically optimized near-field acoustical holography. Journal of the Acoustical Society of America, 2015, 137, 963-975.	1.1	31
118	Investigation of multi-lobed fighter jet noise sources using acoustical holography and partial field decomposition methods. , 2015, , .		6
119	Spatiotemporal Correlation Analysis of Jet Noise from a High-Performance Military Aircraft. , 2015, , .		2
120	A vector intensity-based equivalent wavepacket model for high-performance military aircraft jet noise. Proceedings of Meetings on Acoustics, 2015, , .	0.3	0
121	Comparison of two time-domain measures of nonlinearity in near-field propagation of high-power jet noise. , 2014, , .		5
122	On the crest factor of noise in full-scale supersonic jet engine measurements. Proceedings of Meetings on Acoustics, 2014, , .	0.3	2
123	Full-scale rocket motor acoustic tests and comparisons with empirical source models. Proceedings of Meetings on Acoustics, 2014, , .	0.3	4
124	Time-domain effects of rigid sphere scattering on measurement of transient plane waves. Journal of the Acoustical Society of America, 2014, 136, 13-21.	1.1	2
125	Comparison of multimicrophone probe design and processing methods in measuring acoustic intensity. Journal of the Acoustical Society of America, 2014, 135, 2797-2807.	1.1	18
126	Cylindrical acoustical holography applied to full-scale jet noise. Journal of the Acoustical Society of America, 2014, 136, 1120-1128.	1.1	15



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127	Managing Auditory Risk from Acoustically Impulsive Chemical Demonstrations. Journal of Chemical Education, 2014, 91, 1661-1666.	2.3	3
128	Resource Letter APPO-1: Acoustics for Physics Pedagogy and Outreach. American Journal of Physics, 2014, 82, 825-838.	0.7	8
129	Transformations of a crackling jet noise waveform and potential implications for quantifying the "crackle" percept. Proceedings of Meetings on Acoustics, 2014, , .	0.3	1
130	Modification of directivity curves for a rocket noise model. Proceedings of Meetings on Acoustics, 2014, , .	0.3	7
131	Use of a Just-in-Time Teaching technique in an introductory acoustics class. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
132	Shock-cell structures and corresponding sound pressure levels emitted from closely spaced supersonic jet arrays. Applied Acoustics, 2013, 74, 1519-1526.	3.3	4
133	Similarity spectra analysis of high-performance jet aircraft noise. Journal of the Acoustical Society of America, 2013, 133, 2116-2125.	1.1	62
134	On the Evolution of Crackle in Jet Noise from High-Performance Engines. , 2013, , .		12
135	Do recent findings on jet noise answer aspects of the Schultz curve?. Proceedings of Meetings on Acoustics, 2013, , .	0.3	3
136	Near-field shock formation in noise propagation from a high-power jet aircraft. Journal of the Acoustical Society of America, 2013, 133, EL88-EL93.	1.1	26
137	Skewness and shock formation in laboratory-scale supersonic jet data. Journal of the Acoustical Society of America, 2013, 133, EL491-EL497.	1.1	25
138	Spectral Characterization in the Near- and Mid-field of Military Jet Aircraft Noise. , 2013, , .		21
139	On autocorrelation analysis of jet noise. Journal of the Acoustical Society of America, 2013, 133, EL458-EL464.	1.1	17
140	The "Sound Of Freedom": Characterizing Jet Noise From High-Performance Military Aircraft. Acoustics Today, 2013, 9, 8.	1.0	5
141	Prediction of nonlinear propagation of noise from a solid rocket motor. Proceedings of Meetings on Acoustics, 2013, , .	0.3	4
142	Aeroacoustics of volcanic jets: Acoustic power estimation and jet velocity dependence. Journal of Geophysical Research: Solid Earth, 2013, 118, 6269-6284.	3.4	57
143	Infrasonic crackle and supersonic jet noise from the eruption of Nabro Volcano, Eritrea. Geophysical Research Letters, 2013, 40, 4199-4203.	4.0	30
144	Acoustic radiation mode shapes for control of plates and shells. Proceedings of Meetings on Acoustics, 2013, , .	0.3	3

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145	Active control of axial and centrifugal fan noise. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
146	Spectral and statistical analysis of noise from reusable solid rocket motors. Proceedings of Meetings on Acoustics, 2013, , .	0.3	7
147	Characterizing nonlinearity in jet aircraft flyover data. Proceedings of Meetings on Acoustics, 2013, , .	0.3	3
148	Teaching principles of outdoor sound propagation using football game measurements. Proceedings of Meetings on Acoustics, 2013, , .	0.3	1
149	Modified statistically optimized near-field acoustical holography for jet noise characterization. Proceedings of Meetings on Acoustics, 2013, , .	0.3	5
150	Educational demonstration of a spherically propagating acoustic shock. Journal of the Acoustical Society of America, 2012, 131, 2422-2430.	1.1	10
151	Comparison of methods for processing acoustic intensity from orthogonal multimicrophone probes. Journal of the Acoustical Society of America, 2012, 131, 2841-2852.	1.1	7
152	Full-Scale Jet Noise Characterization Using Scan-Based Acoustical Holography. , 2012, , .		7
153	Near-field noise measurements of a high-performance military jet aircraft. Noise Control Engineering Journal, 2012, 60, 421-434.	0.3	57
154	Simple-source model of military jet aircraft noise. Noise Control Engineering Journal, 2012, 60, 435-449.	0.3	8
155	Application of active-learning techniques to enhance student-based learning objectives. Proceedings of Meetings on Acoustics, 2012, , .	0.3	1
156	Nonlinearity analysis of model-scale jet noise. , 2012, , .		6
157	Evolution of statistical properties for a nonlinearly propagating sinusoid. Journal of the Acoustical Society of America, 2011, 130, EL8-EL13.	1.1	10
158	Active control of centrifugal fan noise: Modeling design guidelines. Proceedings of Meetings on Acoustics, 2011, , .	0.3	0
159	Examining the use of a time-varying loudness algorithm for quantifying characteristics of nonlinearly propagated noise (L). Journal of the Acoustical Society of America, 2011, 129, 2753-2756.	1.1	11
160	Experimental investigation of a characteristic shock formation distance in finite-amplitude noise propagation. Proceedings of Meetings on Acoustics, 2011, , .	0.3	11
161	Near-field vector intensity measurements of a small solid rocket motor. Journal of the Acoustical Society of America, 2010, 128, EL69-EL74.	1.1	15
162	Bicoherence analysis of model-scale jet noise. Journal of the Acoustical Society of America, 2010, 128, EL211-EL216.	1.1	24

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163	Short-range shock formation and coalescence in numerical simulation of broadband noise propagation. <i>Journal of the Acoustical Society of America</i> , 2009, 126, 2886-2893.	1.1	10
164	A balloon lens: Acoustic scattering from a penetrable sphere. <i>American Journal of Physics</i> , 2009, 77, 197-203.	0.7	22
165	Development of a multi-microphone calibrator. <i>Applied Acoustics</i> , 2009, 70, 790-798.	3.3	1
166	Energy-Based Acoustical Measurements of Rocket Noise. , 2009, , .		10
167	The role of nonlinear effects in the propagation of noise from high-power jet aircraft. <i>Journal of the Acoustical Society of America</i> , 2008, 123, 4082-4093.	1.1	108
168	Measurement and Prediction of Noise Propagation from a High-Power Jet Aircraft. <i>AIAA Journal</i> , 2007, 45, 3003-3006.	2.6	20
169	On the potential limitations of conventional sound metrics in quantifying perception of nonlinearly propagated noise. <i>Journal of the Acoustical Society of America</i> , 2007, 121, EL1-EL7.	1.1	13
170	Identification of Nonlinear and Near-Field Effects in Jet Noise Using Nonlinearity Indicators. , 2007, , .		11
171	On the Perception of Crackle in High-Amplitude Jet Noise. <i>AIAA Journal</i> , 2007, 45, 593-598.	2.6	73
172	Asymptotic Behavior in the Numerical Propagation of Finite-Amplitude Jet Noise. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	1
173	Investigation of a Single-Point Nonlinearity Indicator in One-Dimensional Propagation. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	2
174	Measurement and prediction of nonlinearity in outdoor propagation of periodic signals. <i>Journal of the Acoustical Society of America</i> , 2006, 120, 2491-2499.	1.1	7
175	Preliminary Analysis of Nonlinearity in Military Jet Aircraft Noise Propagation. <i>AIAA Journal</i> , 2005, 43, 1398-1401.	2.6	51
176	Bispectral Analysis of High-Amplitude Jet Noise. , 2005, , .		7
177	Application of theoretical modeling to multichannel active control of cooling fan noise. <i>Journal of the Acoustical Society of America</i> , 2004, 115, 228-236.	1.1	18
178	Acoustic Shock Formation in Noise Propagation During Military Aircraft Ground Run-Up Operations. <i>AIAA Journal</i> , 0, , 1-10.	2.6	0