

# Andrew N Norris

## List of Publications by Year in descending order

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221  
papers

7,637  
citations

61984

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64796

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234  
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234  
docs citations

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times ranked

3822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and characterization of a three-dimensional anisotropic additively manufactured pentamode material. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 168-179.	1.1	15
2	Passive nonreciprocity-induced directional wave scattering. <i>Extreme Mechanics Letters</i> , 2022, 51, 101600.	4.1	1
3	Broadband acoustic lens design by reciprocity and optimization. <i>JASA Express Letters</i> , 2022, 2, 024005.	1.1	1
4	Nonlinear multiple scattering of flexural waves in elastic beams: Frequency conversion and non-reciprocal effects. <i>Journal of Sound and Vibration</i> , 2022, 527, 116859.	3.9	7
5	Stress formulation of acoustoelasticity. <i>Wave Motion</i> , 2022, 114, 103002.	2.0	3
6	Unilateral and nonreciprocal transmission through bilinear spring systems. <i>Extreme Mechanics Letters</i> , 2021, 42, 101087.	4.1	9
7	Metaclusters for the Full Control of Mechanical Waves. <i>Physical Review Applied</i> , 2021, 15, .	3.8	13
8	Stress formulation of elastic wave motion. <i>JASA Express Letters</i> , 2021, 1, .	1.1	3
9	Nonreciprocal and directional wave propagation in a two-dimensional lattice with bilinear properties. <i>Nonlinear Dynamics</i> , 2021, 106, 2449-2463.	5.2	4
10	The electromomentum effect in piezoelectric Willis scatterers. <i>Wave Motion</i> , 2021, 106, 102797.	2.0	10
11	Green's Function Approach to Model Vibrations of Metamaterials with Spatiotemporally Modulated Properties. , 2021, , .		0
12	E2 and gamma distributions in polygonal networks. <i>Physical Review Research</i> , 2021, 3, .	3.6	4
13	Sound Localization through Multi-Scattering and Gradient-Based Optimization. <i>Mathematics</i> , 2021, 9, 2862.	2.2	4
14	Static elastic cloaking, low-frequency elastic wave transparency and neutral inclusions. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190725.	2.1	5
15	Physical Observation of a Robust Acoustic Pumping in Waveguides with Dynamic Boundary. <i>Physical Review Letters</i> , 2020, 125, 253901.	7.8	47
16	The Gradient of Total Multiple Scattering Cross-Section and Its Application to Acoustic Cloaking. <i>Journal of Theoretical and Computational Acoustics</i> , 2020, 28, 1950016.	1.1	11
17	Nonreciprocity in acoustic and elastic materials. <i>Nature Reviews Materials</i> , 2020, 5, 667-685.	48.7	243
18	Non-Reciprocal Wave Transmission in a Bilinear Spring-Mass System. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , 2020, 142, .	1.6	18

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19	Introduction to the special issue on non-reciprocal and topological wave phenomena in acoustics. Journal of the Acoustical Society of America, 2019, 146, 719-720.	1.1	8
20	Non-symmetric flexural wave scattering and one-way extreme absorption. Journal of the Acoustical Society of America, 2019, 146, 873-883.	1.1	13
21	Experimental Realization of Acoustic Bianisotropic Gratings. Physical Review Applied, 2019, 11, .	3.8	20
22	Nonreciprocal Wave Propagation in a Continuum-Based Metamaterial with Space-Time Modulated Resonators. Physical Review Applied, 2019, 11, .	3.8	97
23	Inverse Grating Problem: Efficient Design of Anomalous Flexural Wave Reflectors and Refractors. Physical Review Applied, 2019, 11, .	3.8	33
24	A Refinement of Mindlin Plate Theory Using Simultaneous Rotary Inertia and Shear Correction Factors. Journal of Vibration and Acoustics, Transactions of the ASME, 2018, 140, .	1.6	2
25	Elastic metasurfaces for splitting SV- and P-waves in elastic solids. Journal of Applied Physics, 2018, 123, .	2.5	98
26	Loss compensation in time-dependent elastic metamaterials. Physical Review B, 2018, 97, .	3.2	23
27	Acoustic scattering from a fluid cylinder with Willis constitutive properties. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2018, 474, 20180571.	2.1	8
28	Retrieval method for the bianisotropic polarizability tensor of Willis acoustic scatterers. Physical Review B, 2018, 98, .	3.2	22
29	Design of Acoustic Metamaterials Using Gradient Based Optimization. , 2018, , .		0
30	Integral identities for reflection, transmission, and scattering coefficients. Journal of the Acoustical Society of America, 2018, 144, 2109-2115.	1.1	11
31	Static and dynamic non-reciprocity in bi-linear structures. Proceedings of Meetings on Acoustics, 2018, , .	0.3	8
32	Modulated phononic crystals: Non-reciprocal wave propagation and Willis materials. Journal of the Mechanics and Physics of Solids, 2017, 101, 10-29.	4.8	192
33	Isotropic transformation acoustics and applications. Proceedings of SPIE, 2017, , .	0.8	2
34	Bounds on the longitudinal and shear wave attenuation ratio of polycrystalline materials. Journal of the Acoustical Society of America, 2017, 141, 2633-2636.	1.1	9
35	Broadband focusing of underwater sound using a transparent pentamode lens. Journal of the Acoustical Society of America, 2017, 141, 4408-4417.	1.1	85
36	Space-time modulations of phononic crystals (Conference Presentation). , 2017, , .		0

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37	An inequality for longitudinal and transverse wave attenuation coefficients. Journal of the Acoustical Society of America, 2017, 141, 475-479.	1.1	14
38	Non-reciprocal flexural wave propagation in a modulated metabeam. Extreme Mechanics Letters, 2017, 15, 97-102.	4.1	37
39	Hyperelastic Cloaking: Transformation Elasticity Using Pre-stressed Solids. World Scientific Series in Nanoscience and Nanotechnology, 2017, , 481-551.	0.1	0
40	Acoustic Multiple Scattering Using Fast Iterative Techniques. , 2017, , .		0
41	A high transmission broadband gradient index lens using elastic shell acoustic metamaterial elements. Journal of the Acoustical Society of America, 2016, 139, 3357-3364.	1.1	16
42	Acoustic Poisson-like effect in periodic structures. Journal of the Acoustical Society of America, 2016, 139, 3353-3356.	1.1	10
43	Focusing, refraction, and asymmetric transmission of elastic waves in solid metamaterials with aligned parallel gaps. Journal of the Acoustical Society of America, 2016, 139, 3386-3394.	1.1	57
44	Introduction to the special issue on acoustic metamaterials. Journal of the Acoustical Society of America, 2016, 139, 3239-3239.	1.1	8
45	Analytical extension of Finite Element solution for computing the nonlinear far field of ultrasonic waves scattered by a closed crack. Wave Motion, 2016, 66, 132-146.	2.0	26
46	Acoustic integrated extinction. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2015, 471, 20150008.	2.1	16
47	Acoustic scattering from an infinitely long cylindrical shell with an internal mass attached by multiple axisymmetrically distributed stiffeners. Journal of Sound and Vibration, 2015, 338, 134-153.	3.9	15
48	Scattering of flexural waves from a hole in a thin plate with an internal beam. Journal of the Acoustical Society of America, 2015, 137, 293-302.	1.1	8
49	Enhanced acoustic transmission through a slanted grating. Comptes Rendus - Mecanique, 2015, 343, 622-634.	2.1	5
50	Acoustic multiple scattering using recursive algorithms. Journal of Computational Physics, 2015, 299, 787-803.	3.8	12
51	Active cloaking of flexural waves in thin plates. Journal of Sound and Vibration, 2015, 356, 1-19.	3.9	25
52	Effective antiplane shear wave speed in 2D periodic piezoelectric crystals. International Journal of Engineering Science, 2015, 88, 29-39.	5.0	7
53	Tunable cylindrical shell as an element in acoustic metamaterial. Journal of the Acoustical Society of America, 2014, 136, 1601-1609.	1.1	14
54	Active elastodynamic cloaking. Mathematics and Mechanics of Solids, 2014, 19, 603-625.	2.4	27

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55	Focusing capability of a phononic crystal based on a hollow metallic structure. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2014, 61, 1314-1321.	3.0	5
56	Mechanics of elastic networks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20140522.	2.1	40
57	The matrix sign function for solving surface wave problems in homogeneous and laterally periodic elastic half-spaces. Wave Motion, 2013, 50, 1239-1250.	2.0	13
58	Converging Bounds for the Effective Shear Speed in 2D Phononic Crystals. Journal of Elasticity, 2013, 113, 179-191.	1.9	6
59	Negative refraction of acoustic waves using a foam-like metallic structure. Applied Physics Letters, 2013, 102, .	3.3	92
60	Stable methods to solve the impedance matrix for radially inhomogeneous cylindrically anisotropic structures. Journal of Sound and Vibration, 2013, 332, 2520-2531.	3.9	10
61	On the quasistatic effective elastic moduli for elastic waves in three-dimensional phononic crystals. Journal of the Mechanics and Physics of Solids, 2013, 61, 2260-2272.	4.8	9
62	Spectral properties of a 2D scalar wave equation with 1D periodic coefficients: Application to shear horizontal elastic waves. Mathematics and Mechanics of Solids, 2013, 18, 677-700.	2.4	5
63	Thermoelastic logging for rock thermal properties. , 2013, , .		0
64	Elastodynamic cloaking: transformation elasticity with pre-stressed hyperelastic solids. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
65	Effective wave numbers for thermo-viscoelastic media containing random configurations of spherical scatterers. Journal of the Acoustical Society of America, 2012, 131, 1113-1120.	1.1	44
66	Special transformations for pentamode acoustic cloaking. Journal of the Acoustical Society of America, 2012, 132, 2932-2941.	1.1	71
67	Comment on "Design of acoustic devices with isotropic material via conformal transformation" [Appl. Phys. Lett. 97, 044101 (2010)]. Applied Physics Letters, 2012, 100, 066101.	3.3	6
68	Employing pre-stress to generate finite cloaks for antiplane elastic waves. Applied Physics Letters, 2012, 100, .	3.3	63
69	Source amplitudes for active exterior cloaking. Inverse Problems, 2012, 28, 105002.	2.0	29
70	Negative Index Phononic Crystals Made of Metal Based Microstructure. , 2012, , .		0
71	Green's function for symmetric loading of an elastic sphere with application to contact problems. Journal of Mechanics of Materials and Structures, 2012, 7, 701-719.	0.6	4
72	Hyperelastic cloaking theory: transformation elasticity with pre-stressed solids. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 2881-2903.	2.1	67

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73	Introduction to the Special Issue on Acoustic Metamaterials. Journal of the Acoustical Society of America, 2012, 132, 2783-2783.	1.1	20
74	Analytical formulation of three-dimensional dynamic homogenization for periodic elastic systems. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 1629-1651.	2.1	98
75	Elastodynamics of radially inhomogeneous spherically anisotropic elastic materials in the Stroh formalism. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 467-484.	2.1	22
76	Effective Willis constitutive equations for periodically stratified anisotropic elastic media. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2011, 467, 1749-1769.	2.1	44
77	Comments on "An analytical study of sound transmission through unbounded panels of functionally graded materials. Journal of Sound and Vibration 330(6) (2011) 1153-1165". Journal of Sound and Vibration, 2011, 330, 4945-4946.	3.9	0
78	Elastic cloaking theory. Wave Motion, 2011, 48, 525-538.	2.0	200
79	Effective shear speed in two-dimensional phononic crystals. Physical Review B, 2011, 84, .	3.2	8
80	Multiple scattering by cylinders immersed in fluid: High order approximations for the effective wavenumbers. Journal of the Acoustical Society of America, 2011, 129, 104-113.	1.1	24
81	Evaluation of the effective speed of sound in phononic crystals by the monodromy matrix method (L). Journal of the Acoustical Society of America, 2011, 130, 3553-3557.	1.1	11
82	Nonlinear shear wave interaction at a frictional interface: Energy dissipation and generation of harmonics. Journal of the Acoustical Society of America, 2011, 130, 1820-1828.	1.1	30
83	Effective wavenumbers and reflection coefficients for an elastic medium containing random configurations of cylindrical scatterers. Wave Motion, 2010, 47, 183-197.	2.0	49
84	Divergence of logarithm of a unimodular monodromy matrix near the edges of the Brillouin zone. Wave Motion, 2010, 47, 370-382.	2.0	7
85	Acoustic metafluids made from three acoustic fluids. Journal of the Acoustical Society of America, 2010, 128, 1606-1616.	1.1	26
86	Wave Impedance Matrices for Cylindrically Anisotropic Radially Inhomogeneous Elastic Solids. Quarterly Journal of Mechanics and Applied Mathematics, 2010, 63, 401-435.	1.3	35
87	Acoustic metafluids. Journal of the Acoustical Society of America, 2009, 125, 839-849.	1.1	173
88	Degenerate weakly non-linear elastic plane waves. International Journal of Non-Linear Mechanics, 2009, 44, 486-493.	2.6	6
89	Approximation formulae for the acoustic radiation impedance of a cylindrical pipe. Journal of Sound and Vibration, 2009, 322, 255-263.	3.9	78
90	FaxÅ©n relations in solids" a generalized approach to particle motion in elasticity and viscoelasticity. Journal of the Acoustical Society of America, 2008, 123, 99-108.	1.1	15

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91	Higher derivatives and the inverse derivative of a tensor-valued function of a tensor. Quarterly of Applied Mathematics, 2008, 66, 725-741.	0.7	7
92	Diffuse wave density and directionality in anisotropic solids. Journal of the Acoustical Society of America, 2008, 123, 1399-1408.	1.1	2
93	Nonlinear evolution equations for degenerate transverse waves in anisotropic elastic solids. AIP Conference Proceedings, 2008, , .	0.4	2
94	Euler-Rodrigues and Cayley Formulae for Rotation of Elasticity Tensors. Mathematics and Mechanics of Solids, 2008, 13, 465-498.	2.4	19
95	Acoustic cloaking theory. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2008, 464, 2411-2434.	2.1	492
96	Comment on "Method to analyze electromechanical stability of dielectric elastomers" [Appl. Phys. Lett. 91, 061921 (2007)]. Applied Physics Letters, 2008, 92, .	3.3	51
97	Eulerian conjugate stress and strain. Journal of Mechanics of Materials and Structures, 2008, 3, 243-260.	0.6	10
98	Tambouranolide, a new cytotoxic hydroxybutanolide from a Tambourissasp. (Monimiaceae). Natural Product Research, 2007, 21, 37-41.	1.8	5
99	Quadratic invariants of elastic moduli. Quarterly Journal of Mechanics and Applied Mathematics, 2007, 60, 367-389.	1.3	14
100	Invariants of $C^{(2)}$ in terms of the invariants of C. Journal of Mechanics of Materials and Structures, 2007, 2, 1805-1812.	0.6	5
101	Wavefront singularities associated with the conical point in elastic solids with cubic symmetry. Wave Motion, 2007, 44, 513-527.	2.0	5
102	A multiple-scales approach to crack-front waves. Journal of Engineering Mathematics, 2007, 59, 399-417.	1.2	3
103	Small-on-Large Theory with Applications to Granular Materials and Fluid/Solid Systems. , 2007, , 27-62.		6
104	Dynamics of thermoelastic Thin Plates: A Comparison of Four Theories. Journal of Thermal Stresses, 2006, 29, 169-195.	2.0	27
105	Poisson's ratio in cubic materials. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2006, 462, 3385-3405.	2.1	93
106	Cytotoxic Diterpenes from <i>Cassipourea madagascariensis</i> from the Madagascar Rainforest <sup>1</sup> . Journal of Natural Products, 2006, 69, 287-289.	3.0	31
107	Cytotoxic and Other Compounds from <i>Didymochlaena truncatula</i> from the Madagascar Rain Forest <sup>1</sup> . Journal of Natural Products, 2006, 69, 284-286.	3.0	15
108	Extreme values of Poisson's ratio and other engineering moduli in anisotropic materials. Journal of Mechanics of Materials and Structures, 2006, 1, 793-812.	0.6	28

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109	The isotropic material closest to a given anisotropic material. <i>Journal of Mechanics of Materials and Structures</i> , 2006, 1, 223-238.	0.6	69
110	The Closest Elastic Tensor of Arbitrary Symmetry to an Elasticity Tensor of Lower Symmetry. <i>Journal of Elasticity</i> , 2006, 85, 215-263.	1.9	193
111	Cytotoxic Compounds of <i>Schizolaena hystrix</i> from the Madagascar Rainforest. <i>Planta Medica</i> , 2006, 72, 1235-1238.	1.3	11
112	Impedance of a sphere oscillating in an elastic medium with and without slip. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 2062-2066.	1.1	13
113	Elastic moduli approximation of higher symmetry for the acoustical properties of an anisotropic material. <i>Journal of the Acoustical Society of America</i> , 2006, 119, 2114-2121.	1.1	43
114	Optimal orientation of anisotropic solids. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2006, 59, 29-53.	1.3	26
115	Pure shear axes and elastic strain energy. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2006, 59, 551-561.	1.3	9
116	Thermoelastic relaxation in elastic structures, with applications to thin plates. <i>Quarterly Journal of Mechanics and Applied Mathematics</i> , 2005, 58, 143-163.	1.3	27
117	Cytotoxic Flavanones of <i>Schizolaena hystrix</i> from the Madagascar Rainforest. <i>Journal of Natural Products</i> , 2005, 68, 417-419.	3.0	28
118	Cytotoxic Sesquiterpene Lactones from <i>Vernonia pachyclada</i> from the Madagascar Rainforest. <i>Journal of Natural Products</i> , 2005, 68, 1371-1374.	3.0	43
119	Acoustic axes in elasticity. <i>Wave Motion</i> , 2004, 40, 315-328.	2.0	24
120	Flexural waves on narrow plates. <i>Journal of the Acoustical Society of America</i> , 2003, 113, 2647-2658.	1.1	29
121	Acoustic Scattering from a Coated Elastic Shell: Exact vs. Approximate Theory. <i>Fluid Mechanics and Its Applications</i> , 2003, , 353-362.	0.2	0
122	On the existence of flexural edge waves on thin orthotropic plates. <i>Journal of the Acoustical Society of America</i> , 2002, 112, 1756-1765.	1.1	34
123	G.R. Wickham: an appreciation. <i>Wave Motion</i> , 2001, 33, 1-6.	2.0	0
124	Elastic waves in inhomogeneously oriented anisotropic materials. <i>Wave Motion</i> , 2001, 33, 97-107.	2.0	7
125	Flexural edge waves and Comments on "A new bending wave solution for the classical plate equation" [J. Acoust. Soc. Am. 104, 2220-2222 (1998)]. <i>Journal of the Acoustical Society of America</i> , 2000, 107, 1781-1784.	1.1	53
126	On the existence of flexural edge waves on submerged elastic plates. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2000, 456, 1559-1582.	2.1	21



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127	Equilibrium, stability and evolution of elastic plates under the combined effects of stress and surface diffusion. Quarterly Journal of Mechanics and Applied Mathematics, 1999, 52, 283-309.	1.3	0
128	The Malyuzhinets theory for scattering from wedge boundaries: a review. Wave Motion, 1999, 29, 313-340.	2.0	71
129	Far-field analysis of the Malyuzhinets solution for plane and surface waves diffraction by an impedance wedge. Wave Motion, 1999, 30, 69-89.	2.0	29
130	Stress invariance and redundant moduli in three-dimensional elasticity. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 1999, 455, 4097-4116.	2.1	4
131	The energy of a growing elastic surface. International Journal of Solids and Structures, 1998, 35, 5237-5252.	2.7	23
132	A direct inverse scattering method for imaging obstacles with unknown surface conditions. IMA Journal of Applied Mathematics, 1998, 61, 267-290.	1.6	28
133	Structural and acoustical wave interaction at a wedge-shaped junction of fluid-loaded plates. Journal of the Acoustical Society of America, 1997, 101, 867-876.	1.1	7
134	Crevice Formation in Thin Plates by Stress Driven Mass Rearrangement. Key Engineering Materials, 1997, 145-149, 151-160.	0.4	2
135	Far-field acoustic holography onto cylindrical surfaces using pressure measured on semicircles. Journal of the Acoustical Society of America, 1997, 102, 2098-2107.	1.1	5
136	Exact complex source representations of time-harmonic radiation. Wave Motion, 1997, 25, 127-141.	2.0	36
137	Flexural wave propagation and scattering on thin plates using Mindlin theory. Wave Motion, 1997, 26, 1-12.	2.0	75
138	Exact complex source representations of transient radiation. Wave Motion, 1997, 26, 101-115.	2.0	24
139	Rough elastic spheres in contact: Memory effects and the transverse force. Journal of the Mechanics and Physics of Solids, 1997, 45, 1025-1036.	4.8	11
140	ACOUSTICS AND STABILITY OF FLUID FLOW IN A PERIODIC ELASTIC STRUCTURE. Journal of Fluids and Structures, 1997, 11, 525-533.	3.4	0
141	Hamiltonian and Onsageristic approaches in the nonlinear theory of fluid-permeable elastic continua. International Journal of Engineering Science, 1997, 35, 75-87.	5.0	5
142	Wavefield Representation Using Compact and Directionally Localized Sources. The IMA Volumes in Mathematics and Its Applications, 1997, , 179-196.	0.5	1
143	Anisotropy-induced coupling in borehole acoustic modes. Journal of Geophysical Research, 1996, 101, 15945-15952.	3.3	6
144	Particle granular temperature in gas fluidized beds. Powder Technology, 1996, 87, 211-232.	4.2	151

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145	LINE ADMITTANCE AT THE JUNCTION OF TWO PLATES WITH AND WITHOUT FLUID LOADING. Journal of Sound and Vibration, 1996, 191, 29-51.	3.9	4
146	ON ACOUSTIC INTERACTION BETWEEN TWO THIN ELASTIC PLATES THROUGH AN ANGULAR WELDED JOINT. Journal of Sound and Vibration, 1996, 196, 75-84.	3.9	1
147	ATTENUATION OF WAVES IN PLATES AND BARS USING A GRADED IMPEDANCE INTERFACE AT EDGES. Journal of Sound and Vibration, 1996, 196, 107-127.	3.9	29
148	Ray tracing over smooth elastic shells of arbitrary shape. Journal of the Acoustical Society of America, 1996, 99, 55-64.	1.1	8
149	Acoustic diffraction from the junction of two joined parallel plates. Journal of the Acoustical Society of America, 1996, 99, 1475-1483.	1.1	2
150	Acoustoelasticity theory and applications for fluid-saturated porous media. Journal of the Acoustical Society of America, 1996, 100, 1368-1374.	1.1	27
151	Scattering of flexural waves on thin plates. Journal of Sound and Vibration, 1995, 181, 115-125.	3.9	144
152	Waves in cylindrical shells with circumferential submembers: a matrix approach. Journal of Sound and Vibration, 1995, 181, 457-484.	3.9	8
153	Rays, beams and quasimodes on thin shell structures. Wave Motion, 1995, 21, 127-147.	2.0	12
154	Longitudinal and shear wave diffraction at the junction of two fluid loaded, doubly curved shells. Wave Motion, 1995, 22, 31-46.	2.0	1
155	The speed of a wave along a fluid/solid interface in the presence of anisotropy and prestress. Journal of the Acoustical Society of America, 1995, 98, 1147-1154.	1.1	40
156	Acoustic and membrane wave interaction at plate junctions. Journal of the Acoustical Society of America, 1995, 97, 2063-2073.	1.1	5
157	Benchmarking an acoustic coupling theory for elastic shells of arbitrary shape. Journal of the Acoustical Society of America, 1995, 98, 2368-2371.	1.1	7
158	Acoustic scattering from fluid-loaded elastic shells: A Gaussian beam approach. Journal of the Acoustical Society of America, 1995, 98, 611-622.	1.1	8
159	Acoustic and flexural wave scattering from a three-member junction. Journal of the Acoustical Society of America, 1995, 98, 3309-3319.	1.1	12
160	Nonlinear poroelasticity for a layered medium. Journal of the Acoustical Society of America, 1995, 98, 1138-1146.	1.1	11
161	Stoneley and flexural modes in pressurized boreholes. Journal of Geophysical Research, 1995, 100, 22375-22381.	3.3	26
162	BENDING-WAVE DIFFRACTION FROM STRIPS AND CRACKS ON THIN PLATES. Quarterly Journal of Mechanics and Applied Mathematics, 1994, 47, 607-627.	1.3	13

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163	Nonlinear tube waves. Journal of the Acoustical Society of America, 1994, 96, 1829-1843.	1.1	17
164	Low Frequency Bending Waves in Periodic Plates. Journal of Sound and Vibration, 1994, 169, 485-502.	3.9	1
165	Flexural Edge Waves. Journal of Sound and Vibration, 1994, 171, 571-573.	3.9	54
166	Acoustoelasticity of solid/fluid composite systems. Geophysical Journal International, 1994, 118, 439-446.	2.4	76
167	Acoustic coupling to membrane waves on elastic shells. Journal of the Acoustical Society of America, 1994, 95, 1809-1829.	1.1	37
168	Borehole flexural modes in anisotropic formations. Geophysics, 1994, 59, 1037-1052.	2.6	105
169	Mid-to-high frequency acoustic scattering and radiation from fluid-loaded structures: Asymptotic techniques. Wave Motion, 1993, 18, 307.	2.0	0
170	Low-frequency dispersion and attenuation in partially saturated rocks. Journal of the Acoustical Society of America, 1993, 94, 359-370.	1.1	229
171	Waves in Periodically Layered Media: A Comparison of Two Theories. SIAM Journal on Applied Mathematics, 1993, 53, 1195-1209.	1.8	32
172	Elastic Helmholtz resonators. Journal of the Acoustical Society of America, 1993, 93, 617-630.	1.1	25
173	Acoustic reciprocity for fluid-structure problems. Journal of the Acoustical Society of America, 1993, 94, 1714-1715.	1.1	8
174	Third-order elastic constants for an inviscid fluid. Journal of the Acoustical Society of America, 1993, 94, 3014-3017.	1.1	43
175	Waves in stratified viscoelastic media with microstructure. Journal of the Acoustical Society of America, 1993, 94, 2884-2894.	1.1	23
176	Weak elastic anisotropy and the tube wave. Geophysics, 1993, 58, 1091-1098.	2.6	75
177	STATIC IMPLICATIONS OF THE EXISTENCE OF A PLANE OF SYMMETRY IN AN ANISOTROPIC ELASTIC SOLID. Quarterly Journal of Mechanics and Applied Mathematics, 1992, 45, 141-147.	1.3	4
178	Acoustic wave scattering from thin shell structures. Journal of the Acoustical Society of America, 1992, 92, 3320-3336.	1.1	13
179	High-frequency nonlinear acoustic beams and wave packets. Journal of the Acoustical Society of America, 1992, 92, 2186-2194.	1.1	0
180	On the correspondence between poroelasticity and thermoelasticity. Journal of Applied Physics, 1992, 71, 1138-1141.	2.5	102

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181	Observation of bending wave localization and quasi mobility edge in two dimensions. Physical Review Letters, 1992, 69, 3080-3083.	7.8	42
182	Longitudinal wave scattering from a partially bonded fiber. Wave Motion, 1992, 15, 43-59.	2.0	19
183	Shear wave propagation in a periodically layered medium - an asymptotic theory. Wave Motion, 1992, 16, 33-55.	2.0	9
184	One-component surface waves in materials with symmetry. Journal of the Mechanics and Physics of Solids, 1992, 40, 1569-1582.	4.8	10
185	Elastic wave scattering by rectangular cracks. International Journal of Solids and Structures, 1992, 29, 1549-1565.	2.7	23
186	Dynamic Stress on a Partially Bonded Fiber. Journal of Applied Mechanics, Transactions ASME, 1991, 58, 404-409.	2.2	14
187	Observation of Elastic Wave Localization. Materials Research Society Symposia Proceedings, 1991, 253, 435.	0.1	0
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