

Robert A Guyer

List of Publications by Year in descending order

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163
papers

8,120
citations

46984

47
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85
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176
all docs

176
docs citations

176
times ranked

3425
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution of the Linearized Phonon Boltzmann Equation. <i>Physical Review</i> , 1966, 148, 766-778.	2.7	707
2	Nonlinear Mesoscopic Elasticity: Evidence for a New Class of Materials. <i>Physics Today</i> , 1999, 52, 30-36.	0.3	496
3	Thermal Conductivity, Second Sound, and Phonon Hydrodynamic Phenomena in Nonmetallic Crystals. <i>Physical Review</i> , 1966, 148, 778-788.	2.7	465
4	Second Sound in Solid Helium. <i>Physical Review Letters</i> , 1966, 16, 789-791.	2.9	345
5	Hysteresis, Discrete Memory, and Nonlinear Wave Propagation in Rock: A New Paradigm. <i>Physical Review Letters</i> , 1995, 74, 3491-3494.	2.9	287
6	Excitations in Quantum Crystals (A Survey of NMR Experiments in Solid Helium). <i>Reviews of Modern Physics</i> , 1971, 43, 532-600.	16.4	260
7	Universal Slow Dynamics in Granular Solids. <i>Physical Review Letters</i> , 2000, 85, 1020-1023.	2.9	206
8	On the quasi-analytic treatment of hysteretic nonlinear response in elastic wave propagation. <i>Journal of the Acoustical Society of America</i> , 1997, 101, 1885-1898.	0.5	148
9	Modeling the Maximum Spreading of Liquid Droplets Impacting Wetting and Nonwetting Surfaces. <i>Langmuir</i> , 2016, 32, 1299-1308.	1.6	134
10	Dispersion Relation for Second Sound in Solids. <i>Physical Review</i> , 1964, 133, A1411-A1417.	2.7	123
11	Earthquake-like behaviour of soft $\hat{\Gamma}^3$ -ray repeaters. <i>Nature</i> , 1996, 382, 518-520.	13.7	121
12	Observations of nonlinear elastic wave behavior in sandstone. <i>Journal of the Acoustical Society of America</i> , 1993, 94, 3387-3391.	0.5	117
13	Nonlinear resonant ultrasound spectroscopy (NRUS) applied to damage assessment in bone. <i>Journal of the Acoustical Society of America</i> , 2005, 118, 3946-3952.	0.5	117
14	Interaction Dynamics of Elastic Waves with a Complex Nonlinear Scatterer through the Use of a Time Reversal Mirror. <i>Physical Review Letters</i> , 2007, 98, 104301.	2.9	115
15	Hysteresis and the Dynamic Elasticity of Consolidated Granular Materials. <i>Physical Review Letters</i> , 1999, 82, 3280-3283.	2.9	114
16	Phase Separation in Films of He3-He4 Mixtures. <i>Physical Review Letters</i> , 1981, 46, 1461-1464.	2.9	111
17	Double sine-Gordon chain. <i>Physical Review B</i> , 1983, 27, 474-494.	1.1	108
18	Water Adsorption in Wood Microfibril-Hemicellulose System: Role of the Crystalline-Amorphous Interface. <i>Biomacromolecules</i> , 2015, 16, 2972-2978.	2.6	107

#	ARTICLE	IF	CITATIONS
19	Acoustic emission and microslip precursors to stick-slip failure in sheared granular material. <i>Geophysical Research Letters</i> , 2013, 40, 5627-5631.	1.5	105
20	Brownian Motion of Coupled Nonlinear Oscillators: Thermalized Solitons and Nonlinear Response to External Forces. <i>Physical Review Letters</i> , 1978, 40, 206-210.	2.9	103
21	Role of hydrogen bonding in hysteresis observed in sorption-induced swelling of soft nanoporous polymers. <i>Nature Communications</i> , 2018, 9, 3507.	5.8	101
22	Imaging the Sublimation Dynamics of Colloidal Crystallites. <i>Science</i> , 2006, 314, 795-798.	6.0	91
23	Tunneling and Exchange in Quantum Solids. <i>Physical Review</i> , 1969, 188, 445-468.	2.7	86
24	Quantitative implementation of Preisach-Mayergoyz space to find static and dynamic elastic moduli in rock. <i>Journal of Geophysical Research</i> , 1997, 102, 5281-5293.	3.3	82
25	A new theoretical paradigm to describe hysteresis, discrete memory and nonlinear elastic wave propagation in rock. <i>Nonlinear Processes in Geophysics</i> , 1996, 3, 89-101.	0.6	76
26	Review paper: Solid ^3He : A magnet in search of a Hamiltonian. <i>Journal of Low Temperature Physics</i> , 1978, 30, 1-50.	0.6	74
27	Slow elastic dynamics in a resonant bar of rock. <i>Geophysical Research Letters</i> , 1998, 25, 1585-1588.	1.5	72
28	Impact of Moisture Adsorption on Structure and Physical Properties of Amorphous Biopolymers. <i>Macromolecules</i> , 2015, 48, 2793-2800.	2.2	72
29	Time-reversal methods in geophysics. <i>Physics Today</i> , 2010, 63, 31-35.	0.3	71
30	Molecular Mechanism of Moisture-Induced Transition in Amorphous Cellulose. <i>ACS Macro Letters</i> , 2014, 3, 1037-1040.	2.3	71
31	Thermal Conductivity of Oriented Single Crystals of Hexagonal Close-Packed Helium 4. <i>Physical Review</i> , 1969, 185, 356-373.	2.7	70
32	A set of measures for the systematic classification of the nonlinear elastic behavior of disparate rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 1587-1604.	1.4	70
33	Superfluid Films in Porous Media. <i>Physical Review Letters</i> , 1988, 60, 2054-2057.	2.9	64
34	Solid ^3He magnetism: A review of experiments. <i>Physical Review A</i> , 1974, 9, 1452-1455.	1.0	58
35	Third sound in layered superfluids: ^3He on ^4He . <i>Physical Review B</i> , 1982, 25, 5749-5755.	1.1	58
36	Diffusion on the Sierpiński gaskets: A random walker on a fractally structured object. <i>Physical Review A</i> , 1984, 29, 2751-2755.	1.0	58

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37	Estimating Fault Friction From Seismic Signals in the Laboratory. <i>Geophysical Research Letters</i> , 2018, 45, 1321-1329.	1.5	57
38	Modeling of Stick-Slip Behavior in Sheared Granular Fault Gouge Using the Combined Finite-Discrete Element Method. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5774-5792.	1.4	56
39	The sine-Gordon chain: Equilibrium statistical mechanics. <i>Physical Review A</i> , 1978, 17, 1205-1217.	1.0	55
40	Diffusive motion on a fractal; $G_{nm}(t)$. <i>Physical Review A</i> , 1985, 32, 2324-2335.	1.0	55
41	The sine-Gordon chain. II. Nonequilibrium statistical mechanics. <i>Physical Review A</i> , 1978, 17, 1774-1791.	1.0	54
42	Conductivity in percolation networks with broad distributions of resistances. <i>Physical Review B</i> , 1986, 33, 4818-4825.	1.1	54
43	Magnetization evolution in connected pore systems. <i>Physical Review B</i> , 1991, 44, 7344-7355.	1.1	54
44	Mass Fluctuation Waves. <i>Physical Review Letters</i> , 1970, 24, 660-663.	2.9	52
45	Vacancy waves. <i>Journal of Low Temperature Physics</i> , 1972, 8, 427-447.	0.6	52
46	Microslips as precursors of large slip events in the stick-slip dynamics of sheared granular layers: A discrete element model analysis. <i>Geophysical Research Letters</i> , 2013, 40, 4194-4198.	1.5	50
47	Thermal Conductivity in Isotopic Mixtures of Solid Helium. <i>Physical Review</i> , 1966, 142, 79-85.	2.7	48
48	Determination of elastic moduli of rock samples using resonant ultrasound spectroscopy. <i>Journal of the Acoustical Society of America</i> , 2002, 111, 1667-1674.	0.5	48
49	Decoupling Nonclassical Nonlinear Behavior of Elastic Wave Types. <i>Physical Review Letters</i> , 2016, 116, 115501.	2.9	46
50	Acoustic Attenuation in Dielectric Solids. <i>Physical Review</i> , 1966, 148, 789-797.	2.7	45
51	Interaction of Atomic Hydrogen with the Surface of Liquid He4. <i>Physical Review Letters</i> , 1979, 42, 1754-1757.	2.9	44
52	Magnetization isotherms and pore-space geometry. <i>Physical Review B</i> , 1993, 48, 3683-3688.	1.1	43
53	Hygromorphic behaviour of cellular material: hysteretic swelling and shrinkage of wood probed by phase contrast X-ray tomography. <i>Philosophical Magazine</i> , 2012, 92, 3680-3698.	0.7	43
54	Capillary condensation, invasion percolation, hysteresis, and discrete memory. <i>Physical Review B</i> , 1996, 54, 18-21.	1.1	41

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55	Tremor source location using time reversal: Selecting the appropriate imaging field. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	41
56	On the micromechanics of slip events in sheared, fluid-saturated fault gouge. <i>Geophysical Research Letters</i> , 2017, 44, 6101-6108.	1.5	41
57	Superfluidity in Quantum Crystals. <i>Physical Review Letters</i> , 1971, 26, 174-177.	2.9	40
58	Three-dimensional discrete element modeling of triggered slip in sheared granular media. <i>Physical Review E</i> , 2014, 89, 042204.	0.8	40
59	Slow dynamics of consolidated granular systems: Multi-scale relaxation. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	39
60	Superfluid films on a cylindrical surface. <i>Journal of Low Temperature Physics</i> , 1989, 74, 231-261.	0.6	36
61	Water Diffusion in Amorphous Hydrophilic Systems: A Stop and Go Process. <i>Langmuir</i> , 2015, 31, 10843-10849.	1.6	35
62	Multiple Exchange in the Quantum Crystals. <i>Physical Review A</i> , 1973, 7, 1105-1130.	1.0	34
63	Poroelectric model for adsorption-induced deformation of biopolymers obtained from molecular simulations. <i>Physical Review E</i> , 2015, 92, 022605.	0.8	33
64	On the role of fluids in stick-slip dynamics of saturated granular fault gouge using a coupled computational fluid dynamics-discrete element approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3689-3700.	1.4	33
65	From Stress Chains to Acoustic Emission. <i>Physical Review Letters</i> , 2019, 123, 048003.	2.9	32
66	Third Sound on Substrates Patterned with Periodic and Random Disorder: Evidence for Classical Wave Localization. <i>Physical Review Letters</i> , 1988, 61, 1286-1289.	2.9	31
67	Brittle and ductile friction and the physics of tectonic tremor. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	30
68	Vibration-induced slip in sheared granular layers and the micromechanics of dynamic earthquake triggering. <i>Europhysics Letters</i> , 2011, 96, 14001.	0.7	30
69	³ He-CMN boundary resistance. <i>Journal of Low Temperature Physics</i> , 1973, 10, 157-165.	0.6	29
70	Commensurability in One Dimension at T=0. <i>Physical Review Letters</i> , 1979, 42, 718-722.	2.9	29
71	Largest current in a random resistor network. <i>Physical Review B</i> , 1987, 36, 2142-2146.	1.1	29
72	Electrical conductivity and magnetic field decay in neutron stars. <i>Astrophysical Journal</i> , 1975, 202, 238.	1.6	29

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73	Acoustically induced slip in sheared granular layers: Application to dynamic earthquake triggering. <i>Geophysical Research Letters</i> , 2015, 42, 9750-9757.	1.5	28
74	Machine Learning Reveals the State of Intermittent Frictional Dynamics in a Sheared Granular Fault. <i>Geophysical Research Letters</i> , 2019, 46, 7395-7403.	1.5	27
75	Are megaquakes clustered?. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	26
76	Hydrodynamic modes of superfluid helium adsorbed on Nuclepore. <i>Physical Review B</i> , 1986, 33, 4664-4668.	1.1	25
77	Quantum-crystal alloys I: Mass-fluctuation waves. <i>Physical Review B</i> , 1975, 11, 3374-3392.	1.1	24
78	Vacancy-Induced Ferromagnetism: The Registered Phase of He ³ on Grafoil. <i>Physical Review Letters</i> , 1977, 39, 1091-1094.	2.9	23
79	Third Sound in Layered Films: He ⁴ and He ³ -He ⁴ . <i>Physical Review Letters</i> , 1981, 47, 349-352.	2.9	23
80	Nuclear Relaxation in Solid He ³ at Low Temperatures. <i>Physical Review</i> , 1967, 163, 181-185.	2.7	22
81	Density-functional theory of thin films of self-bound fermions. <i>Physical Review B</i> , 1989, 40, 7417-7420.	1.1	22
82	Three component time reversal: Focusing vector components using a scalar source. <i>Journal of Applied Physics</i> , 2009, 106, 113504.	1.1	22
83	He ³ films and the Ruderman-Kittel-Kasuya-Yosida interaction. <i>Physical Review Letters</i> , 1990, 64, 1919-1923.	2.9	21
84	Phonon gas: A lattice Boltzmann description. <i>Physical Review E</i> , 1994, 50, 4596-4608.	0.8	21
85	Cohesion-Induced Stabilization in Stick-Slip Dynamics of Weakly Wet, Sheared Granular Fault Gouge. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2115-2126.	1.4	21
86	Dynamically triggered slip leading to sustained fault gouge weakening under laboratory shear conditions. <i>Geophysical Research Letters</i> , 2016, 43, 1559-1565.	1.5	20
87	Dynamic induced softening in frictional granular materials investigated by discrete-element-method simulation. <i>Physical Review E</i> , 2017, 96, 062901.	0.8	20
88	The Spatiotemporal Evolution of Granular Microslip Precursors to Laboratory Earthquakes. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088404.	1.5	20
89	Effect of boundary vibration on the frictional behavior of a dense sheared granular layer. <i>Acta Mechanica</i> , 2014, 225, 2227-2237.	1.1	19
90	Simulation of crack induced nonlinear elasticity using the combined finite-discrete element method. <i>Ultrasonics</i> , 2019, 98, 51-61.	2.1	18

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91	Vacancy motion in solid helium. <i>Journal of Low Temperature Physics</i> , 1977, 28, 449-472.	0.6	17
92	Spin-polarized hydrogen-helium film system: A surface "polaron". <i>Physical Review B</i> , 1982, 25, 4570-4582.	1.1	17
93	Time reversal of continuous-wave, steady-state signals in elastic media. <i>Applied Physics Letters</i> , 2009, 94, 111908.	1.5	17
94	Simulating stick-slip failure in a sheared granular layer using a physics-based constitutive model. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 295-307.	1.4	16
95	Superfluidity in neutron stars. III - Relaxation processes between the superfluid and the crust. <i>Astrophysical Journal</i> , 1978, 222, 991.	1.6	16
96	(He3)2Molecules in SolidHe4. <i>Physical Review Letters</i> , 1975, 35, 1007-1010.	2.9	15
97	Ground state of isotopic fermion-boson mixtures. <i>Physical Review B</i> , 1980, 22, 142-153.	1.1	15
98	Large currents in random resistor networks. <i>Physical Review B</i> , 1989, 39, 9236-9239.	1.1	15
99	Linear and nonlinear modulus surfaces in stress space, from stress-strain measurements on Berea sandstone. <i>Nonlinear Processes in Geophysics</i> , 2003, 10, 589-597.	0.6	15
100	Solid neutron matter. <i>Physical Review D</i> , 1975, 11, 2696-2723.	1.6	14
101	Structure of a compressible superfluid. <i>Physical Review B</i> , 1981, 24, 2874-2877.	1.1	14
102	Probing the interior of a solid volume with time reversal and nonlinear elastic wave spectroscopy. <i>Journal of the Acoustical Society of America</i> , 2011, 130, EL258-EL263.	0.5	14
103	Molecular Simulation of Sorption-Induced Deformation in Atomistic Nanoporous Materials. <i>Langmuir</i> , 2019, 35, 7751-7758.	1.6	14
104	On the specific heat of solid ³ He. <i>Journal of Low Temperature Physics</i> , 1972, 6, 251-256.	0.6	13
105	Phase Separation in Two-DimensionalHe3-He4Mixtures. <i>Physical Review Letters</i> , 1984, 53, 795-797.	2.9	13
106	Random walking on a fractal. <i>Physical Review A</i> , 1984, 30, 1112-1114.	1.0	13
107	Magnetization evolution in connected pore systems. II. Pulsed-field-gradient NMR and pore-space geometry. <i>Physical Review B</i> , 1993, 48, 5997-6006.	1.1	13
108	Spatial-temporal variation of low-frequency earthquake bursts near Parkfield, California. <i>Geophysical Journal International</i> , 2015, 202, 914-919.	1.0	13

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109	Moisture-induced crossover in the thermodynamic and mechanical response of hydrophilic biopolymer. <i>Cellulose</i> , 2020, 27, 89-99.	2.4	13
110	Energy current imaging method for time reversal in elastic media. <i>Applied Physics Letters</i> , 2009, 95, 021907.	1.5	12
111	Mass-Fluctuation Waves in Solid He ³ -He ⁴ Mixtures. <i>Physical Review Letters</i> , 1974, 33, 283-287.	2.9	11
112	Dynamics of nonlinear systems: The heavy damping limit. <i>Physical Review B</i> , 1980, 21, 4484-4499.	1.1	11
113	Korteweg-de Vries solitons and helium films. <i>Physical Review B</i> , 1982, 25, 3117-3122.	1.1	11
114	Third sound and capillary condensation on a fractal surface. <i>Physical Review B</i> , 1986, 34, 6522-6524.	1.1	11
115	Synchronous low frequency earthquakes and implications for deep San Andreas Fault slip. <i>Earth and Planetary Science Letters</i> , 2015, 424, 132-139.	1.8	11
116	Quantification of Nanopore Networks: Application to Amorphous Polymers. <i>Journal of Physical Chemistry C</i> , 2016, 120, 28144-28151.	1.5	11
117	Exchange operator. <i>Physical Review A</i> , 1974, 10, 1785-1799.	1.0	10
118	Equations of state of a single polymer chain. <i>Physical Review A</i> , 1985, 32, 3661-3664.	1.0	9
119	Comment on "Exact solution for diffusion in a random potential". <i>Physical Review Letters</i> , 1990, 64, 494-494.	2.9	9
120	Attention Network Forecasts Time-to-Failure in Laboratory Shear Experiments. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022195.	1.4	9
121	NMR in Nondilute Solid He ³ -He ⁴ Mixtures. <i>Physical Review A</i> , 1972, 5, 2541-2544.	1.0	8
122	Critical Superflow in a Random Network. <i>Physical Review Letters</i> , 1979, 43, 1163-1167.	2.9	8
123	Diffusion on a one-dimensional disordered lattice: A renormalization-group approach. <i>Physical Review A</i> , 1984, 29, 2114-2124.	1.0	8
124	Fluid configurations in partially saturated porous media. <i>Physical Review B</i> , 1991, 43, 808-815.	1.1	8
125	A Poromechanical Model for Sorption Hysteresis in Nanoporous Polymers. <i>Journal of Physical Chemistry B</i> , 2020, 124, 8690-8703.	1.2	8
126	Disentangling Heat and Moisture Effects on Biopolymer Mechanics. <i>Macromolecules</i> , 2020, 53, 1527-1535.	2.2	8

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127	Theory of exchange via double-occupation states in crystalline He3. <i>Physical Review B</i> , 1975, 11, 1045-1052.	1.1	7
128	Modeling dynamic triggering of tectonic tremor using a brittle-ductile friction model. <i>Geophysical Research Letters</i> , 2013, 40, 5075-5079.	1.5	7
129	Specific Heat Anomaly in Solid He3. <i>Physical Review Letters</i> , 1970, 24, 810-811.	2.9	6
130	Commensurability in one dimension at $T=0$: The role of kinks. <i>Physical Review B</i> , 1979, 20, 4748-4755.	1.1	6
131	Structure and Modes of a Superfluid Atmosphere. <i>Physical Review Letters</i> , 1983, 51, 1765-1767.	2.9	6
132	Conductivity fluctuations and the amplitude of the long-time tail. <i>Physical Review B</i> , 1986, 34, 7816-7822.	1.1	6
133	Porosity fluctuations, tortuosity fluctuations, and other types of fluctuations: Long-time tails and localization in porous media. <i>Physical Review B</i> , 1988, 37, 5713-5722.	1.1	6
134	Swelling of cellular solids: From conventional to re-entrant honeycombs. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	6
135	Plate motion in sheared granular fault system. <i>Earth and Planetary Science Letters</i> , 2020, 548, 116481.	1.8	6
136	A 3D Full Stress Tensor Model for Oklahoma. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021113.	1.4	6
137	Probing the Damage Zone at Parkfield. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093518.	1.5	6
138	Kirkwood-Monroe approximation for quantum solids. <i>Physical Review B</i> , 1978, 18, 3189-3196.	1.1	5
139	One-dimensional harmonic liquid: A Fokker-Planck description of fluctuations from the nonequilibrium steady state. <i>Physical Review A</i> , 1982, 26, 1062-1077.	1.0	5
140	Sticking of H^+ to helium surfaces. <i>Physical Review B</i> , 1983, 27, 1629-1634.	1.1	5
141	Damping in coupled, layered helium films. <i>Physical Review B</i> , 1985, 31, 2713-2718.	1.1	5
142	Distribution of large currents in finite-size random resistor networks. <i>Physical Review B</i> , 1995, 51, 6711-6714.	1.1	5
143	Nonlinear softening of unconsolidated granular earth materials. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 6998-7008.	1.4	5
144	Magnetic ordering in a normal Fermi liquid at absolute zero. <i>Physical Review B</i> , 1978, 18, 3521-3529.	1.1	4

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145	A model for the solid ^3He magnet?. Journal of Low Temperature Physics, 1982, 47, 321-328.	0.6	4
146	Lattice Boltzmann description of magnetization in porous media. Physical Review B, 2000, 62, 3674-3688.	1.1	4
147	Do Fluids Modify the Stick-Slip Behavior of Sheared Granular Media?. , 2017, , .		4
148	Solid Helium. Scientific American, 1967, 217, 84-95.	1.0	3
149	Sine-Gordon chain as a model for a two-dimensional interface. Physical Review B, 1979, 20, 4375-4381.	1.1	3
150	Overdamped soliton motion. Physical Review B, 1981, 23, 5880-5889.	1.1	3
151	The structure and modes of a compressible superfluid film. Journal of Low Temperature Physics, 1986, 64, 409-428.	0.6	3
152	Capillary condensation refrigerator. Physical Review B, 1993, 47, 11591-11594.	1.1	3
153	Magnetization evolution in connected pore systems. III. Fluid flow. Physical Review B, 1993, 48, 6007-6013.	1.1	3
154	Superfluid Avalanches. Journal of Low Temperature Physics, 1998, 111, 841-861.	0.6	3
155	Magnetic ordering in a normal Fermi liquid. II. Strongly polarized systems and the melting curve of ^3He . Physical Review B, 1980, 21, 3917-3928.	1.1	2
156	Conductivity of the randomly disordered sine-Gordon chain. Physical Review B, 1981, 23, 3573-3576.	1.1	2
157	Hydrodynamic modes of $\text{H}\hat{\text{a}}\text{t}^{\dagger}$. Physical Review B, 1982, 25, 5707-5710.	1.1	1
158	Self-Avoiding Walks on a Crumpled Fractal. Physical Review Letters, 1986, 57, 3121-3121.	2.9	1
159	Comment on the Article by H. D. Weymann. American Journal of Physics, 1969, 37, 231-231.	0.3	0
160	Spin-lattice models for the solid ^3He magnet. Journal of Low Temperature Physics, 1980, 39, 63-78.	0.6	0
161	Linear and nonlinear elastic properties of dense granular packings: a DEM exploration. EPJ Web of Conferences, 2017, 140, 15033.	0.1	0
162	Hysteretic Elastic Systems. Proceedings of Meetings on Acoustics, 2010, , .	0.3	0

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163	Using time-reversal to locate non-volcanic tremor and to fulfill the monitoring objectives of the nuclear-test ban treaty. Proceedings of Meetings on Acoustics, 2010, , .	0.3	0