Henrik Bruus

List of Publications by Year
in descending order

165 papers	9,550 citations	38660 50 h-index	42291 92 g-index
166 all docs	166 docs citations	166 times ranked	6823 citing authors

#	Article	IF	Citations
1	Acoustofluidics 7: The acoustic radiation force on small particles. Lab on A Chip, 2012, 12, 1014.	3.1	714
2	A numerical study of microparticle acoustophoresis driven by acoustic radiation forces and streaming-induced drag forces. Lab on A Chip, 2012, 12, 4617.	3.1	461
3	Forces acting on a small particle in an acoustical field in a viscous fluid. Physical Review E, 2012, 85, 016327.	0.8	387
4	A high-level programming-language implementation of topology optimization applied to steady-state Navier-Stokes flow. International Journal for Numerical Methods in Engineering, 2006, 65, 975-1001.	1.5	338
5	Acoustofluidics 2: Perturbation theory and ultrasound resonance modes. Lab on A Chip, 2012, 12, 20-28.	3.1	260
6	The 2019 surface acoustic waves roadmap. Journal Physics D: Applied Physics, 2019, 52, 353001.	1.3	236
7	Measuring the local pressure amplitude in microchannel acoustophoresis. Lab on A Chip, 2010, 10, 563.	3.1	229
8	Reexamination of Hagen-Poiseuille flow: Shape dependence of the hydraulic resistance in microchannels. Physical Review E, 2005, 71, 057301.	0.8	217
9	Bias and temperature dependence of the 0.7 conductance anomaly in quantum point contacts. Physical Review B, 2000, 62, 10950-10957.	1.1	206
10	Acoustic radiation- and streaming-induced microparticle velocities determined by microparticle image velocimetry in an ultrasound symmetry plane. Physical Review E, 2012, 86, 056307.	0.8	194
11	Forthcoming Lab on a Chip tutorial series on acoustofluidics: Acoustofluidicsâ€"exploiting ultrasonic standing wave forces and acoustic streaming in microfluidic systems for cell and particle manipulation. Lab on A Chip, 2011, 11, 3579.	3.1	186
12	Iso-acoustic focusing of cells for size-insensitive acousto-mechanical phenotyping. Nature Communications, 2016, 7, 11556.	5.8	181
13	Forces acting on a small particle in an acoustical field in a thermoviscous fluid. Physical Review E, 2015, 92, 043010.	0.8	172
14	ac electrokinetic micropumps: The effect of geometrical confinement, Faradaic current injection, and nonlinear surface capacitance. Physical Review E, 2006, 73, 056313.	0.8	154
15	Acoustofluidics 1: Governing equations in microfluidics. Lab on A Chip, 2011, 11, 3742.	3.1	141
16	Sap flow and sugar transport in plants. Reviews of Modern Physics, 2016, 88, .	16.4	141
17	Automated and temperature-controlled micro-PIV measurements enabling long-term-stable microchannel acoustophoresis characterization. Lab on A Chip, 2011, 11, 4152.	3.1	137
18	Current-Induced Membrane Discharge. Physical Review Letters, 2012, 109, 108301.	2.9	134

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19	Magnetic separation in microfluidic systems using microfabricated electromagnetsâ€"experiments and simulations. Journal of Magnetism and Magnetic Materials, 2005, 293, 597-604.	1.0	133
20	Ultrasound-induced acoustophoretic motion of microparticles in three dimensions. Physical Review E, 2013, 88, 023006.	0.8	132
21	Acoustic resonances in microfluidic chips: full-image micro-PIV experiments and numerical simulations. Lab on A Chip, 2007, 7, 1336.	3.1	129
22	Focusing of sub-micrometer particles and bacteria enabled by two-dimensional acoustophoresis. Lab on A Chip, 2014, 14, 2791-2799.	3.1	124
23	Equilibrium and Nonequilibrium States in Microfluidic Double Emulsions. Physical Review Letters, 2008, 101, 164502.	2.9	119
24	Acoustofluidics 10: Scaling laws in acoustophoresis. Lab on A Chip, 2012, 12, 1578.	3.1	119
25	Strongly nonlinear dynamics of electrolytes in large ac voltages. Physical Review E, 2010, 82, 011501.	0.8	115
26	Acoustic interaction forces between small particles in an ideal fluid. Physical Review E, 2014, 90, 063007.	0.8	105
27	Migration of cells in a social context. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 129-134.	3.3	97
28	Numerical study of thermoviscous effects in ultrasound-induced acoustic streaming in microchannels. Physical Review E, 2014, 90, 043016.	0.8	93
29	Long-term stable electroosmotic pump with ion exchange membranes. Lab on A Chip, 2005, 5, 730.	3.1	88
30	Acoustophoretic Synchronization of Mammalian Cells in Microchannels. Analytical Chemistry, 2010, 82, 3094-3098.	3.2	88
31	Surface-directed capillary system; theory, experiments and applications. Lab on A Chip, 2005, 5, 827.	3.1	85
32	Modeling the Hydrodynamics of Phloem Sieve Plates. Frontiers in Plant Science, 2012, 3, 151.	1.7	80
33	Experimental investigation of bubble formation during capillary filling of SiO2 nanoslits. Applied Physics Letters, 2007, 91, .	1.5	76
34	Optimality of the MÃ¼nch mechanism for translocation of sugars in plants. Journal of the Royal Society Interface, 2011, 8, 1155-1165.	1.5	76
35	Integrated acoustic and magnetic separation in microfluidic channels. Applied Physics Letters, 2009, 95, 254103.	1.5	74
36	Acoustic Force Density Acting on Inhomogeneous Fluids in Acoustic Fields. Physical Review Letters, 2016, 117, 114504.	2.9	71

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37	Scaling behavior of optimally structured catalytic microfluidic reactors. Physical Review E, 2007, 75, 016301.	0.8	70
38	The anomalous 0.5 and 0.7 conductance plateaus in quantum point contacts. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 10, 97-102.	1.3	69
39	Double thermal oxidation scheme for the fabrication of SiO2nanochannels. Nanotechnology, 2007, 18, 245301.	1.3	67
40	Spatial confinement of ultrasonic force fields in microfluidic channels. Ultrasonics, 2009, 49, 112-119.	2.1	63
41	Polymer microfluidic chip for online monitoring of microarray hybridizations. Lab on A Chip, 2004, 4, 28.	3.1	62
42	High-throughput, temperature-controlled microchannel acoustophoresis device made with rapid prototyping. Journal of Micromechanics and Microengineering, 2012, 22, 075017.	1.5	62
43	Magnetoconductivity of quantum wires with elastic and inelastic scattering. Physical Review B, 1993, 48, 11144-11155.	1.1	60
44	A numerical study of two-phase Stokes flow in an axisymmetric flow-focusing device. Physics of Fluids, 2006, 18, 077103.	1.6	58
45	Acoustic Streaming and Its Suppression in Inhomogeneous Fluids. Physical Review Letters, 2018, 120, 054501.	2.9	56
46	Multidirectional sorting modes in deterministic lateral displacement devices. Physical Review E, 2008, 78, 046304.	0.8	55
47	Transient Convection, Diffusion, and Adsorption in Surface-Based Biosensors. Langmuir, 2012, 28, 7557-7563.	1.6	55
48	Theoretical study of time-dependent, ultrasound-induced acoustic streaming in microchannels. Physical Review E, 2015, 92, 063018.	0.8	54
49	Theoretical comparison of magnetic and hydrodynamic interactions between magnetically tagged particles in microfluidic systems. Journal of Magnetism and Magnetic Materials, 2005, 293, 578-583.	1.0	53
50	Microfluidic capturing-dynamics of paramagnetic bead suspensions. Lab on A Chip, 2005, 5, 1293.	3.1	53
51	Quantum chaos in a deformable billiard: Applications to quantum dots. Physical Review B, 1994, 50, 18275-18287.	1.1	51
52	Theory of pressure acoustics with viscous boundary layers and streaming in curved elastic cavities. Journal of the Acoustical Society of America, 2018, 144, 766-784.	0.5	51
53	Acoustic resonances in straight micro channels: Beyond the 1D-approximation. Lab on A Chip, 2008, 8, 1178.	3.1	50
54	The clogging pressure of bubbles in hydrophilic microchannel contractions. Journal of Micromechanics and Microengineering, 2004, 14, 876-883.	1.5	47

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55	Measuring acoustic energy density in microchannel acoustophoresis using a simple and rapid light-intensity method. Lab on A Chip, 2012, 12, 2337.	3.1	47
56	AC electroosmotic pump with bubble-free palladium electrodes and rectifying polymer membrane valves. Lab on A Chip, 2006, 6, 280-288.	3.1	46
57	Surface-dependent chemical equilibrium constants and capacitances for bare and 3-cyanopropyldimethylchlorosilane coated silica nanochannels. Journal of Colloid and Interface Science, 2011, 353, 301-310.	5.0	46
58	Concentration polarization, surface currents, and bulk advection in a microchannel. Physical Review E, 2014, 90, 043020.	0.8	46
59	The Role of Paracrine and Autocrine Signaling in the Early Phase of Adipogenic Differentiation of Adipose-derived Stem Cells. PLoS ONE, 2013, 8, e63638.	1.1	46
60	Topology and shape optimization of induced-charge electro-osmotic micropumps. New Journal of Physics, 2009, 11, 075019.	1.2	45
61	Edge diffraction, trace formulae and the cardioid billiard. Nonlinearity, 1996, 9, 1023-1047.	0.6	44
62	Parametric conductance correlation for irregularly shaped quantum dots. Physical Review B, 1996, 53, 9968-9983.	1.1	43
63	A novel electro-osmotic pump design for nonconducting liquids: theoretical analysis of flow rateâ€“pressure characteristics and stability. Journal of Micromechanics and Microengineering, 2005, 15, 883-891.	1.5	42
64	Nanostructures for all-polymer microfluidic systems. Microelectronic Engineering, 2010, 87, 1379-1382.	1.1	42
65	Investigations on LED illumination for micro-PIV including a novel front-lit configuration. Experiments in Fluids, 2008, 44, 211-219.	1.1	41
66	Streaming current and wall dissolution over 48h in silica nanochannels. Journal of Colloid and Interface Science, 2011, 360, 262-271.	5.0	41
67	Experimental Characterization of Acoustic Streaming in Gradients of Density and Compressibility. Physical Review Applied, 2019, 11, .	1.5	41
68	SO(5) theory of insulating vortex cores in high-Tcmaterials. Physical Review B, 2000, 61, 6298-6302.	1.1	40
69	Transient Taylorâ€“Aris dispersion for time-dependent flows in straight channels. Journal of Fluid Mechanics, 2012, 691, 95-122.	1.4	40
70	Chaos and fluctuations in quantum dots. Physica B: Condensed Matter, 1993, 189, 43-56.	1.3	39
71	Three-Dimensional Numerical Modeling of Surface-Acoustic-Wave Devices: Acoustophoresis of Micro- and Nanoparticles Including Streaming. Physical Review Applied, 2019, 12, .	1.5	39
72	Selective bioparticle retention and characterization in a chipâ€integrated confocal ultrasonic cavity. Biotechnology and Bioengineering, 2009, 103, 323-328.	1.7	38

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73	Whole-System Ultrasound Resonances as the Basis for Acoustophoresis in All-Polymer Microfluidic Devices. Physical Review Applied, 2019, 11, .	1.5	37
74	Theoretical analysis of the low-voltage cascade electro-osmotic pump. Sensors and Actuators B: Chemical, 2003, 92, 127-132.	4.0	35
75	Micro particle-image velocimetry of bead suspensions and blood flows. Experiments in Fluids, 2005, 39, 507-513.	1.1	35
76	Flow reversal at low voltage and low frequency in a microfabricated ac electrokinetic pump. Physical Review E, 2007, 76, 056305.	0.8	35
77	Numerical analysis of finite Debye-length effects in induced-charge electro-osmosis. Physical Review E, 2009, 79, 066316.	0.8	35
78	Energy level statistics of the two-dimensional Hubbard model at low filling. Physical Review B, 1997, 55, 9142-9159.	1.1	34
79	A theoretical analysis of the resolution due to diffusion and size dispersion of particles in deterministic lateral displacement devices. Journal of Micromechanics and Microengineering, 2008, 18, 075030.	1.5	34
80	A self-contained, programmable microfluidic cell culture system with real-time microscopy access. Biomedical Microdevices, 2012, 14, 385-399.	1.4	33
81	Continuum Nanofluidics. Langmuir, 2015, 31, 13275-13289.	1.6	33
82	Continuum modeling of hydrodynamic particleâ€“particle interactions in microfluidic high-concentration suspensions. Lab on A Chip, 2016, 16, 1178-1188.	3.1	33
83	Analysis of laser-induced heating in optical neuronal guidance. Journal of Neuroscience Methods, 2012, 209, 168-177.	1.3	32
84	Three-Dimensional Numerical Modeling of Acoustic Trapping in Glass Capillaries. Physical Review Applied, 2017, 8, .	1.5	32
85	Quantitative characterization of magnetic separators: Comparison of systems with and without integrated microfluidic mixers. Biomedical Microdevices, 2007, 9, 195-205.	1.4	31
86	Ultrasound Characterization of Microbead and Cell Suspensions by Speed of Sound Measurements of Neutrally Buoyant Samples. Analytical Chemistry, 2017, 89, 8917-8923.	3.2	31
87	Suppression of Acoustic Streaming in Shape-Optimized Channels. Physical Review Letters, 2020, 124, 214501.	2.9	30
88	3D modeling of acoustofluidics in a liquid-filled cavity including streaming, viscous boundary layers, surrounding solids, and a piezoelectric transducer. AIMS Mathematics, 2019, 4, 99-111.	0.7	30
89	Theoretical analysis of a new, efficient microfluidic magnetic bead separator based on magnetic structures on multiple length scales. Microfluidics and Nanofluidics, 2008, 4, 565-573.	1.0	29
90	Nanoflow hydrodynamics. Physical Review E, 2011, 84, 036311.	0.8	28

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91	Hydronium-dominated ion transport in carbon-dioxide-saturated electrolytes at low salt concentrations in nanochannels. Physical Review E, 2011, 83, 056307.	0.8	27
92	Acoustic Tweezing and Patterning of Concentration Fields in Microfluidics. Physical Review Applied, 2017, 7, .	1.5	27
93	Electrohydrodynamics of binary electrolytes driven by modulated surface potentials. Physical Review E, 2005, 71, 056306.	0.8	26
94	Osmotically driven flows in microchannels separated by a semipermeable membrane. Lab on A Chip, 2009, 9, 2093.	3.1	25
95	Rotational and spin viscosities of water: Application to nanofluidics. Journal of Chemical Physics, 2010, 133, 144906.	1.2	25
96	Modeling of Microdevices for SAW-Based Acoustophoresis â€" A Study of Boundary Conditions. Micromachines, 2016, 7, 182.	1.4	25
97	Periodic magnetoconductance fluctuations in triangular quantum dots in the absence of selective probing. Physical Review B, 1998, 57, 15408-15415.	1.1	24
98	Pulsatile microfluidics as an analytical tool for determining the dynamic characteristics of microfluidic systems. Journal of Micromechanics and Microengineering, 2010, 20, 035026.	1.5	24
99	Time-dependent Taylorâ€“Aris dispersion of an initial point concentration. Journal of Fluid Mechanics, 2014, 752, 107-122.	1.4	24
100	Checkerboard local density of states in striped domains pinned by vortices. Physical Review B, 2003, 67, .	1.1	23
101	Acoustophoresis in polymer-based microfluidic devices: Modeling and experimental validation. Journal of the Acoustical Society of America, 2021, 149, 4281-4291.	0.5	23
102	Transient pressure drops of gas bubbles passing through liquid-filled microchannel contractions: an experimental study. Journal of Micromechanics and Microengineering, 2006, 16, 143-149.	1.5	22
103	Particle-size-dependent acoustophoretic motion and depletion of micro- and nano-particles at long timescales. Physical Review E, 2020, 102, 013108.	0.8	22
104	Toward optimal acoustophoretic microparticle manipulation by exploiting asymmetry. Journal of the Acoustical Society of America, 2020, 148, 359-373.	0.5	22
105	Topology optimized microbioreactors. Biotechnology and Bioengineering, 2011, 108, 786-796.	1.7	21
106	Morphological instability during steady electrodeposition at overlimiting currents. Physical Review E, 2015, 92, 052310.	0.8	20
107	Performance Study of Acoustophoretic Microfluidic Silicon-Glass Devices by Characterization of Material- and Geometry-Dependent Frequency Spectra. Physical Review Applied, 2017, 7, .	1.5	20
108	Universal fluctuation effects in chaotic quantum dots. Surface Science, 1994, 305, 490-494.	0.8	19

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109	The spectrum of the two-dimensional Hubbard model at low filling. Europhysics Letters, 1996, 35, 321-326.	0.7	19
110	Microparticle Acoustophoresis in Aluminum-Based Acoustofluidic Devices with PDMS Covers. Micromachines, 2020, 11, 292.	1.4	19
111	Bulk-driven acoustic streaming at resonance in closed microcavities. Physical Review E, 2019, 100, 023104.	0.8	18
112	Intra-droplet acoustic particle focusing: simulations and experimental observations. Microfluidics and Nanofluidics, 2018, 22, 1.	1.0	17
113	Acoustic Characterization of Polydimethylsiloxane for Microscale Acoustofluidics. Physical Review Applied, 2020, 13, .	1.5	16
114	Theory of pressure acoustics with thermoviscous boundary layers and streaming in elastic cavities. Journal of the Acoustical Society of America, 2021, 149, 3599-3610.	0.5	16
115	Design of Micro-Fluidic Bio-Reactors Using Topology Optimization. Journal of Computational and Theoretical Nanoscience, 2007, 4, 814-816.	0.4	16
116	Towards a programmable magnetic bead microarray in a microfluidic channel. Journal of Magnetism and Magnetic Materials, 2007, 311, 409-415.	1.0	15
117	Transport-limited water splitting at ion-selective interfaces during concentration polarization. Physical Review E, 2014, 89, 042405.	0.8	15
118	Sharp-interface model of electrodeposition and ramified growth. Physical Review E, 2015, 92, 042302.	0.8	15
119	Acoustic trapping based on surface displacement of resonance modes. Journal of the Acoustical Society of America, 2021, 149, 1445-1453.	0.5	15
120	Transport coefficients for electrolytes in arbitrarily shaped nano- and microfluidic channels. New Journal of Physics, 2006, 8, 37-37.	1.2	12
121	Universal dynamics in the onset of a Hagen-Poiseuille flow. Physical Review E, 2006, 74, 017301.	0.8	12
122	Acoustofluidics: theory and simulation of radiation forces at ultrasound resonances in microfluidic devices. Proceedings of Meetings on Acoustics, 2009, , .	0.3	12
123	Governing Equations in Microfluidics. , 2014, , 1-28.		12
124	Two-Dimensional Mapping Separating the Acoustic Radiation Force and Streaming in Microfluidics. Physical Review Applied, 2019, 11, .	1.5	11
125	Fast Microscale Acoustic Streaming Driven by a Temperature-Gradient-Induced Nondissipative Acoustic Body Force. Physical Review Letters, 2021, 127, 064501.	2.9	11
126	Spectral properties of statistical mechanics models. Journal of Physics A, 1996, 29, L483-L488.	1.6	10

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127	Parametric correlation of coulomb blockade conductance peaks in chaotic quantum dots. Physica Scripta, 1997, T69, 13-16.	1.2	10
128	Excitations in antiferromagnetic cores of superconducting vortices. Physical Review B, 1999, 59, 4349-4357.	1.1	10
129	Generalized extended Navier-Stokes theory: Correlations in molecular fluids with intrinsic angular momentum. Journal of Chemical Physics, 2013, 138, 034503.	1.2	10
130	Tunable-angle wedge transducer for improved acoustophoretic control in a microfluidic chip. Journal of Micromechanics and Microengineering, 2013, 23, 105002.	1.5	10
131	Numerical study of the coupling layer between transducer and chip in acoustofluidic devices. Journal of the Acoustical Society of America, 2021, 149, 3096-3105.	0.5	10
132	Improved positioning and detectability of microparticles in droplet microfluidics using two-dimensional acoustophoresis. Journal of Micromechanics and Microengineering, 2017, 27, 084002.	1.5	9
133	Observation of the i=1/2fractional quantum Hall plateau in AlGaAs/GaAs/AlGaAs selectively doped double heterostructures. Semiconductor Science and Technology, 1989, 4, 858-865.	1.0	8
134	Localized plasmons in point contacts. Semiconductor Science and Technology, 1998, 13, A30-A32.	1.0	8
135	Mass and Charge Transport in Micro and Nanofluidic Channels. Nanoscale and Microscale Thermophysical Engineering, 2007, 11, 57-69.	1.4	8
136	A compact viewing configuration for stereoscopic micro-PIV utilizing mm-sized mirrors. Experiments in Fluids, 2008, 45, 1015-1021.	1.1	8
137	Theoretical Aspects of Microchannel Acoustofluidics: Thermoviscous Corrections to the Radiation Force and Streaming. Procedia IUTAM, 2014, 10, 410-415.	1.2	8
138	Numerical study of bulk acoustofluidic devices driven by thin-film transducers and whole-system resonance modes. Journal of the Acoustical Society of America, 2021, 150, 634-645.	0.5	8
139	Optimal Homogenization of Perfusion Flows in Microfluidic Bio-Reactors: A Numerical Study. PLoS ONE, 2011, 6, e14574.	1.1	8
140	Self-consistent unstirred layers in osmotically driven flows. Journal of Fluid Mechanics, 2010, 662, 197-208.	1.4	7
141	Fabrication, Characterization, and Simulation of Glass Devices with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:mrow><mml:mi>Al</mml:mi><mml:mi mathvariant="normal">N</mml:mi></mml:mrow></mml:math> Thin-Film Transducers for Excitation of Ultrasound Resonances. Physical Review Applied, 2021, 16, .	1.5	7
142	Persistent photoconductivity in heterostructures measured by contactless corbino capacitance technique. Superlattices and Microstructures, 1990, 8, 365-367.	1.4	6
143	Bias Dependent Subband Edges and the 0.7 Conductance Anomaly. Physica Scripta, 2002, T101, 151.	1.2	6
144	Theory and simulation of electroosmotic suppression of acoustic streaming. Journal of the Acoustical Society of America, 2021, 149, 3917-3928.	0.5	6

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145	Ultrasound rays in droplets: the role of viscosity and caustics in acoustic streaming. Journal of Fluid Mechanics, 2017, 826, 1-4.	1.4	5
146	Magnetoconductivity in disordered quantum wires. Journal of Physics Condensed Matter, 1992, 4, 9131-9146.	0.7	4
147	A low-energy, turning microvalve with high-pressure seals: scaling of friction. Journal of Micromechanics and Microengineering, 2006, 16, 2121-2127.	1.5	4
148	Universality in edge-source diffusion dynamics. Physical Review E, 2006, 73, 012101.	0.8	4
149	The mechanism of plateau formation in the fractional quantum Hall effect. Journal of Physics C: Solid State Physics, 1988, 21, L375-L379.	1.5	3
150	Magnetic neutron scattering resonance of high-Tcsuperconductors in external magnetic fields: An SO(5) study. Physical Review B, 2000, 62, 8703-8706.	1.1	3
151	Frequency response in surface-potential driven electrohydrodynamics. Physical Review E, 2006, 73, 037302.	0.8	3
152	Theory of acoustic trapping of microparticles in capillary tubes. Physical Review E, 2020, 101, 023107.	0.8	3
153	Mechanism of plateau formation in the quantum Hall effect. European Physical Journal B, 1989, 73, 501-510.	0.6	2
154	Quantum hall samples prepared by helium-ion implantation. IEEE Transactions on Instrumentation and Measurement, 1991, 40, 225-227.	2.4	2
155	Perturbation Theory and Ultrasound Resonances. , 2014, , 29-45.		2
156	Different origins of acoustic streaming at resonance. Proceedings of Meetings on Acoustics, 2018, , .	0.3	2
157	SO(5) theory of insulating vortex cores in the high Tc materials. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1259-1260.	0.6	1
158	Acoustic Radiation Force onÂSmall Particles. , 2014, , 65-80.		1
159	In Situ Liquid SEM Studies of Electrochemical and Radiolytic Processes. Microscopy and Microanalysis, 2018, 24, 338-339.	0.2	1
160	Suppression of acoustic streaming by the inhomogeneity-induced acoustic body force. Proceedings of Meetings on Acoustics, 2018, , .	0.3	1
161	The vortex picture of the quantum Hall effect. Superlattices and Microstructures, 1990, 8, 349-351.	1.4	0
162	Corbino-capacitance technique for contactless measurements on conducting layers: application to persistent photoconductivity. , 1991, , .		0

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163	Quantum Hall metrology samples and their use for resistance calibration. Physica Scripta, 1991, 44, 418-426.	1.2	0
164	Magnetotransport in quantum wires.. Physica B: Condensed Matter, 1994, 194-196, 1239-1240.	1.3	0
165	First-principle simulation of the acoustic radiation force on microparticles in ultrasonic standing waves. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0