Ladislav Skrbek

List of Publications by Year
in descending order

165 papers	4,710 citations	109321 35 h-index	110387 64 g-index
169 all docs	169 docs citations	169 times ranked	1389 citing authors

#	Article	IF	Citations
1	Turbulent convection at very high Rayleigh numbers. Nature, 2000, 404, 837-840.	27.8	579
2	Decay of Grid Turbulence in a Finite Channel. Physical Review Letters, 1999, 82, 4831-4834.	7.8	284
3	Introduction to quantum turbulence. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4647-4652.	7.1	235
4	The wind in confined thermal convection. Journal of Fluid Mechanics, 2001, 449, 169-178.	3.4	223
5	Quartz Tuning Fork: Thermometer, Pressure- and Viscometer for Helium Liquids. Journal of Low Temperature Physics, 2007, 146, 537-562.	1.4	200
6	An intrinsic velocity-independent criterion for superfluid turbulence. Nature, 2003, 424, 1022-1025.	27.8	176
7	Developed quantum turbulence and its decay. Physics of Fluids, 2012, 24, .	4.0	156
8	Shear Flow and Kelvin-Helmholtz Instability in Superfluids. Physical Review Letters, 2002, 89, 155301.	7.8	153
9	On the decay of homogeneous isotropic turbulence. Physics of Fluids, 2000, 12, 1997-2019.	4.0	122
10	Focusing of Negative Ions by Vortices in RotatingHe3â˘’A. Physical Review Letters, 1986, 57, 1923-1926.	7.8	93
11	Four Regimes of Decaying Grid Turbulence in a Finite Channel. Physical Review Letters, 2000, 85, 2973-2976.	7.8	91
12	Two different vortex states in rotatingA3observed by use of negative ions. Physical Review Letters, 1987, 58, 904-907.	7.8	87
13	Experimental investigation of the dynamics of a vibrating grid in superfluidHe4over a range of temperatures and pressures. Physical Review E, 2006, 74, 036307.	2.1	66
14	Acoustic Emission by Quartz Tuning Forks and Other Oscillating Structures in Cryogenic 4He Fluids. Journal of Low Temperature Physics, 2011, 163, 317-344.	1.4	63
15	Generation of turbulence by vibrating forks and other structures in superfluid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mtext>H</mml:mtext><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts><mml:mtext>e</mml:mtext></mml:mrow></mml:math>. Physical Review B, 2009, 79, .	3.2	62
16	Vibrating Quartz Forkâ€"A Tool for Cryogenic Helium Research. Journal of Low Temperature Physics, 2008, 150, 525-535.	1.4	61
17	Energy Spectra of Developed Turbulence in Helium Superfluids. Journal of Low Temperature Physics, 2006, 145, 125-142.	1.4	59
18	Transition from laminar to turbulent drag in flow due to a vibrating quartz fork. Physical Review E, 2007, 75, 025302.	2.1	59

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19	Flow of He II due to an Oscillating Grid in the Low-Temperature Limit. Physical Review Letters, 2004, 92, 244501.	7.8	57
20	Crossover from hydrodynamic to acoustic drag on quartz tuning forks in normal and superfluid4He. Physical Review B, 2012, 85, .	3.2	57
21	Decay of counterflow He II turbulence in a finite channel: Possibility of missing links between classical and quantum turbulence. Physical Review E, 2003, 67, 047302.	2.1	55
22	Quantum Turbulence Generated and Detected by a Vibrating Quartz Fork. Journal of Low Temperature Physics, 2007, 148, 305-310.	1.4	51
23	Quantum turbulence of bellows-driven<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>4</mml:mn></mml:msup></mml:math>He superflow: Steady state. Physical Review B, 2012, 86, .	3.2	50
24	Efficiency of Heat Transfer in Turbulent Rayleigh-BÃ©nard Convection. Physical Review Letters, 2011, 107, 014302.	7.8	48
25	Quantum turbulence visualized by particle dynamics. Physical Review B, 2014, 90, .	3.2	47
26	Quantum, or classical turbulence?. Europhysics Letters, 2014, 105, 46002.	2.0	45
27	Lagrangian accelerations of particles in superfluid turbulence. Journal of Fluid Mechanics, 2013, 717, .	3.4	44
28	Experimental investigation of the macroscopic flow of He II due to an oscillating grid in the zero temperature limit. Physical Review E, 2004, 70, 056307.	2.1	40
29	Decay of counterflow turbulence in superfluid 4He. JETP Letters, 2016, 103, 648-652.	1.4	40
30	Depolarization of decaying counterflow turbulence in He II. Physical Review E, 2006, 74, 026309.	2.1	39
31	Effective kinematic viscosity of turbulent<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>He</mml:mi><mml:mspace width="0.3em" /><mml:mi>II</mml:mi></mml:mrow></mml:math>. Physical Review E, 2007, 76, 027301.	2.1	39
32	Characteristics of the transition to turbulence in superfluid He4 at low temperatures. Low Temperature Physics, 2008, 34, 875-883.	0.6	39
33	Heat transfer in cryogenic helium gas by turbulent Rayleighâ€"BÃ©nard convection in a cylindrical cell of aspect ratio 1. New Journal of Physics, 2014, 16, 053042.	2.9	38
34	Fast negative ion thermometer for 3He superfluids. Cryogenics, 1987, 27, 391-395.	1.7	36
35	Effect of Boundary Layers Asymmetry on Heat Transfer Efficiency in Turbulent Rayleigh-BÃ©nard Convection at Very High Rayleigh Numbers. Physical Review Letters, 2012, 109, 154301.	7.8	36
36	Testing the performance of a cryogenic visualization system on thermal counterflow by using hydrogen and deuterium solid tracers. Review of Scientific Instruments, 2012, 83, 055109.	1.3	33

#	ARTICLE	IF	CITATIONS
37	[illegible] of quartz forks oscillating in isotopically pure<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>4</mml:mn></mml:msup></mml:math>He in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>T</mml:mi></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo>â†'</mml:mo></mml:math>	3.2	31
38	Small-scale universality of particle dynamics in quantum turbulence. Physical Review B, 2016, 94, .	3.2	31
39	Effective viscosity in quantum turbulence: A steady-state approach. Europhysics Letters, 2014, 106, 24006.	2.0	30
40	Novel Edge Magnetoplasmons in a Two-Dimensional Sheet ofHe+4Ions. Physical Review Letters, 1995, 75, 3713-3715.	7.8	27
41	Decaying Counterflow Turbulence in He II. Journal of Low Temperature Physics, 2005, 138, 549-554.	1.4	27
42	Quantum turbulence generated by oscillating structures. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4699-4706.	7.1	27
43	Second-sound studies of coflow and counterflow of superfluid 4He in channels. Physics of Fluids, 2015, 27, .	4.0	27
44	Cavitation in Liquid Helium Observed in a Flow Due toÂaÂVibrating Quartz Fork. Journal of Low Temperature Physics, 2008, 150, 194-199.	1.4	26
45	Phenomenology of quantum turbulence in superfluid helium. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	26
46	The Nucleation of Superfluid Turbulence at Very Low Temperatures by Flow Through a Grid. Journal of Low Temperature Physics, 2004, 135, 423-445.	1.4	22
47	Ionic Coulomb crystals in superfluid helium. Physica B: Condensed Matter, 1994, 197, 360-368.	2.7	21
48	The Use of Vibrating Structures in the Study of Quantum Turbulence. Progress in Low Temperature Physics, 2009, , 195-246.	0.2	21
49	Coexistence and interplay of quantum and classical turbulence in superfluid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>: Decay, velocity decoupling, and counterflow energy spectra. Physical Review B, 2016, 94, .	3.2	21
50	Intermittency enhancement in quantum turbulence in superfluid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:math>. Physical Review Fluids, 2018, 3, .	2.5	21
51	Temperature structure functions in the Bolgiano regime of thermal convection. Physical Review E, 2002, 66, 036303.	2.1	20
52	Helium cryostat for experimental study of natural turbulent convection. Review of Scientific Instruments, 2010, 81, 085103.	1.3	20
53	Has the ultimate state of turbulent thermal convection been observed?. Journal of Fluid Mechanics, 2015, 785, 270-282.	3.4	20
54	Visualization of viscous and quantum flows of liquid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:math>due to an oscillating cylinder of rectangular cross section. Physical Review B, 2015, 92, .	3.2	20

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55	Surface spin waves inA3, a probe for vortex phenomena in narrow gaps. Physical Review Letters, 1987, 58, 678-681.	7.8	19
56	On Decaying Counterflow Turbulence in He II. Journal of Low Temperature Physics, 2007, 146, 5-30.	1.4	19
57	On cavitation in liquid helium in a flow due to a vibrating quartz fork. Low Temperature Physics, 2008, 34, 298-307.	0.6	19
58	Steady and Decaying Flow of He II in a Channel with Ends Blocked by Superleaks. Physical Review Letters, 2008, 100, 215302.	7.8	19
59	Turbulent flows at cryogenic temperatures: a new frontier. Journal of Physics Condensed Matter, 1999, 11, 7761-7781.	1.8	18
60	Experiments on a High Quality Grid Oscillating inÂSuperfluid 4He at Very Low Temperatures. Journal of Low Temperature Physics, 2010, 158, 462-467.	1.4	17
61	Experiments relating to the flow induced by a vibrating quartz tuning fork and similar structures in a classical fluid. Physical Review E, 2010, 81, 066316.	2.1	17
62	Quantum turbulence. Journal of Physics: Conference Series, 2011, 318, 012004.	0.4	16
63	On the Visualization of Thermal Counterflow of He II Past a Circular Cylinder. Journal of Low Temperature Physics, 2014, 175, 331-338.	1.4	16
64	Multiple critical velocities in oscillatory flow of superfluid<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:math>due to quartz tuning forks. Physical Review B, 2016, 94, .	3.2	15
65	Plastic dilution refrigerators. Journal of Low Temperature Physics, 1995, 99, 151-166.	1.4	14
66	Magnetoplasma resonances and nonlinear mode coupling in pools of ions trapped below the surface of superfluid helium. Physical Review B, 1995, 51, 5892-5898.	3.2	14
67	Time-of-Flight Measurements on Quantized Vortex Lines in Rotating3He-B. Journal of Low Temperature Physics, 2004, 134, 375-380.	1.4	14
68	Quantum turbulence of bellows-driven<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:math>superflow: Decay. Physical Review B, 2015, 92, .	3.2	14
69	Reynolds number scaling in cryogenic turbulent Rayleighâ€"BÃ©nard convection in a cylindrical aspect ratio one cell. Journal of Fluid Mechanics, 2017, 832, 721-744.	3.4	14
70	Magnetoplasmons in two-dimensional circular sheets of4He+ions. Physical Review B, 1997, 56, 3447-3456.	3.2	13
71	A flow phase diagram for helium superfluids. JETP Letters, 2004, 80, 474-478.	1.4	13
72	Far-infrared transmission of a superconducting NbN film. Physical Review B, 2010, 81, .	3.2	13

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73	The Decay of Forced Turbulent Coflow of He II Past a Grid. Journal of Low Temperature Physics, 2014, 175, 324-330.	1.4	13
74	Streaming flow due to a quartz tuning fork oscillating in normal and superfluid He4. Physical Review B, 2017, 96, .	3.2	13
75	The Use of Second Sound in Investigations of Quantum Turbulence in He II. Journal of Low Temperature Physics, 2019, 197, 130-148.	1.4	13
76	Dynamical similarity and instabilities in high-Stokes-number oscillatory flows of superfluid helium. Physical Review B, 2019, 99, .	3.2	13
77	Target with a frozen nuclear polarization for experiments at low energies. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 345, 421-428.	1.6	11
78	Anomalous heat transport and condensation in convection of cryogenic helium. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8036-8039.	7.1	11
79	Measurements of Vortex Line Density Generated by a Quartz Tuning Fork in Superfluid ^{4} 4 He. Journal of Low Temperature Physics, 2016, 183, 208-214.	1.4	11
80	Resistance relaxation in carbon and RuO2 based thermometers. Journal of Low Temperature Physics, 1996, 103, 209-236.	1.4	10
81	Viscosity of liquid 4He and quantum of circulation: Are they related?. Physics of Fluids, 2014, 26, .	4.0	10
82	Elusive transition to the ultimate regime of turbulent Rayleigh-BÃ©nard convection. Physical Review E, 2019, 99, 011101.	2.1	10
83	Pools of ions trapped below the surface of superfluid helium: modes of response in a steady vertical magnetic field. Journal of Physics Condensed Matter, 1995, 7, 8939-8952.	1.8	9
84	On Flow of He II in Channels with Ends Blocked byÂSuperleaks. Journal of Low Temperature Physics, 2008, 153, 162-188.	1.4	9
85	Dynamics of the density of quantized vortex lines in counterflow turbulence: Experimental investigation. Physical Review B, 2018, 97, .	3.2	9
86	Thermal Waves and Heat Transfer Efficiency Enhancement in Harmonically Modulated Turbulent Thermal Convection. Physical Review Letters, 2022, 128, 134502.	7.8	9
87	Energy spectrum of grid-generated He II turbulence. Physical Review E, 2001, 64, 067301.	2.1	8
88	Terahertz transmission of NbN superconductor thin film. Physica C: Superconductivity and Its Applications, 2010, 470, 932-934.	1.2	8
89	Terahertz thermal spectroscopy of a NbN superconductor. Physical Review B, 2011, 84, .	3.2	8
90	Velocity Statistics in Quantum Turbulence. Procedia IUTAM, 2013, 9, 79-85.	1.2	8

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91	Transition to Quantum Turbulence and Streamwise Inhomogeneity of Vortex Tangle in Thermal Counterflow. Journal of Low Temperature Physics, 2017, 187, 531-537.	1.4	8
92	The ripplon-limited mobility of ions trapped below the free surface of superfluid helium. Journal of Low Temperature Physics, 1994, 97, 349-364.	1.4	7
93	Shear modes in 2D ion crystals trapped below the surface of superfluid helium. Surface Science, 1996, 361-362, 843-846.	1.9	7
94	Damage and annealing in two-dimensional Coulomb crystals. European Physical Journal D, 1996, 46, 333-334.	0.4	7
95	Energy spectra of quantum turbulence in He II and 3He-B: A unified view. JETP Letters, 2006, 83, 127-131.	1.4	7
96	Experiments on the rapid mechanical expansion of liquidHe4through its superfluid transition. Physical Review E, 2006, 74, 056305.	2.1	7
97	Saturation of decaying counterflow turbulence in helium II. Physical Review B, 2010, 82, .	3.2	7
98	Backreaction of Tracer Particles on Vortex Tangle in Helium II Counterflow. Journal of Low Temperature Physics, 2016, 183, 215-221.	1.4	7
99	Ubiquity of particleâ€“vortex interactions in turbulent counterflow of superfluid helium. Journal of Fluid Mechanics, 2021, 911, .	3.4	7
100	Experimental investigation of low-frequency edge magnetoplasma modes in two-dimensional sheets of ions trapped below the surface of superfluid helium. European Physical Journal D, 1996, 46, 331-332.	0.4	6
101	Turbulence in cryogenic helium. Physica C: Superconductivity and Its Applications, 2004, 404, 354-362.	1.2	6
102	Quantum Turbulence in 4He, Oscillating Grids, and Where Do We Go Next?. Journal of Low Temperature Physics, 2006, 145, 107-124.	1.4	6
103	A Simple Phenomenological Model for the Effective Kinematic Viscosity of Helium Superfluids. Journal of Low Temperature Physics, 2010, 161, 555-560.	1.4	6
104	Cavitation Bubbles Generated by Vibrating Quartz Tuning Fork in Liquid ^{4} 4 He Close to the $$lambda $$ Î». Journal of Low Temperature Physics, 2017, 187, 376-382.	1.4	6
105	Two dimensional variable range hopping in La2âˆ’xSrxCuO4âˆ’y compounds at low temperatures. Journal of Magnetism and Magnetic Materials, 1990, 90-91, 641-643.	2.3	5
106	Plasma mode coupling in pools of ions trapped below the free surface of superfluid4He. Physica B: Condensed Matter, 1994, 194-196, 729-730.	2.7	5
107	Shear modes in two-dimensional ionic Coulomb crystals. European Physical Journal D, 1996, 46, 335-336.	0.4	5
108	Capillary-wave crystallography:â€ƒCrystallization of two-dimensional sheets ofHe+ions. Physical Review B, 2000, 61, 1396-1409.	3.2	5

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109	How Similar is Quantum Turbulence to Classical Turbulence?. , 2012, , 405-437.		5
110	Mutual interactions of oscillating quartz tuning forks in superfluid 4He. Low Temperature Physics, 2013, 39, 823-827.	0.6	5
111	Thermal counterflow of superfluid He4 : Temperature gradient in the bulk and in the vicinity of the heater. Physical Review B, 2019, 100, .	3.2	5
112	Mass of Abrikosov vortex in high-temperature superconductor YBa$$_2$$Cu$$_3$$O$$_{7-delta }$$. Scientific Reports, 2021, 11, 21708.	3.3	5
113	Timeâ€dependent resistance relaxation in carbon and RuO2based thermometers. Review of Scientific Instruments, 1994, 65, 3804-3808.	1.3	4
114	Soft Edge Magnetoplasmons in 2D Circular Pools of He4 ions. Journal of Low Temperature Physics, 1998, 110, 237-242.	1.4	4
115	Damage and annealing in two-dimensional Coulomb crystals. Physica B: Condensed Matter, 1998, 249-251, 668-671.	2.7	4
116	Ultra-high Rayleigh number convection in cryogenic helium gas. Physica B: Condensed Matter, 2000, 284-288, 61-62.	2.7	4
117	Self-Sustained Large-Scale Flow in Turbulent Cryogenic Convection. Journal of Low Temperature Physics, 2002, 126, 297-302.	1.4	4
118	The use of vibrating quartz forks in cryogenic helium research â€" On their ability to detect an externally applied flow in superfluid⁴He. Journal of Physics: Conference Series, 2009, 150, 012048.	0.4	4
119	Mutual interactions between objects oscillating in isotopically pure superfluid 4He in the Tâ€‰â†'â€‰0 limit. Low Temperature Physics, 2012, 38, 1026-1030.	0.6	4
120	Urban<i>etÂal.</i>Reply:. Physical Review Letters, 2013, 110, 199402.	7.8	4
121	Thermal radiation in Rayleigh-BÃ©nard convection experiments. Physical Review E, 2020, 101, 043106.	2.1	4
122	Transition to quantum turbulence in oscillatory thermal counterflow of He4. Physical Review B, 2021, 103, .	3.2	4
123	Effect of boundary conditions in turbulent thermal convection ^(a). Europhysics Letters, 2021, 134, 34003.	2.0	4
124	Spherical Thermal Counterflow of HeÂII. Journal of Low Temperature Physics, 2022, 208, 426-434.	1.4	4
125	Modes of transverse response in a two-dimensional Coulomb system above the melting temperature. Physica B: Condensed Matter, 1998, 249-251, 664-667.	2.7	3
126	Vortex flow in rotating superfluid â€"B. Physica B: Condensed Matter, 2003, 329-333, 106-107.	2.7	3

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127	AB interface in rotating superfluid : the first example of a superfluid shear-flow instability. Physica B: Condensed Matter, 2003, 329-333, 57-61.	2.7	3
128	Anisotropic behaviour of transmission through thin superconducting NbN film in parallel magnetic field. Physica C: Superconductivity and Its Applications, 2017, 533, 154-157.	1.2	3
129	Terahertz wire-grid circular polarizer tuned by lock-in detection method. Review of Scientific Instruments, 2018, 89, 083114.	1.3	3
130	Focusing of Negative Ions by Vortices in Rotating3Heâ€"A. Japanese Journal of Applied Physics, 1987, 26, 189.	1.5	3
131	Reproducible fluctuations of carrier concentration in Si - MOSFET below 1K. Solid State Communications, 1992, 81, 9-12.	1.9	2
132	Quantum effects on pâ€Hg_{1â^'<i>x</i>}Cd_{<i>x</i>}Te (<i>x</i> â‰ˆ 0.2) native surfaces. Physica Status Solidi (B): Basic Research, 1994, 183, K59.	1.5	2
133	Ripplon-limited mobility of negative ions trapped below the free surface of superfluid4He. Physica B: Condensed Matter, 1994, 194-196, 727-728.	2.7	2
134	New Results in Cryogenic Helium Flows at Ultra-high Reynolds and Rayleigh Numbers. Journal of Low Temperature Physics, 2000, 121, 417-422.	1.4	2
135	Comments on heat transfer efficiency in cryogenic helium turbulent Rayleigh-BÃ©nard convection. Journal of Physics: Conference Series, 2011, 318, 082012.	0.4	2
136	Convective heat transport in two-phase superfluid/vapor 4He system. Low Temperature Physics, 2018, 44, 1001-1004.	0.6	2
137	The Ion Crystal. Physics and Chemistry of Materials With Low-dimensional Structures, 1997, , 363-393.	1.0	2
138	Experiments with negative ions in rotating superfluid ³Heâ€"A. Canadian Journal of Physics, 1987, 65, 1449-1452.	1.1	1
139	Hydrodynamic stability of He II periodic boundary layer flows. Physica B: Condensed Matter, 2000, 284-288, 63-64.	2.7	1
140	Questions Related to the Oscillatory Flow of He II through a Grid at Low Temperatures. Journal of Low Temperature Physics, 2005, 138, 543-548.	1.4	1
141	Vibrating Grid as a Tool for Studying the Flow of Pure He II and its Transition to Turbulence. AIP Conference Proceedings, 2006, , .	0.4	1
142	Novel experimental apparatus to visualise low-temperature flows. Journal of Physics: Conference Series, 2011, 318, 092029.	0.4	1
143	New experimental set-up to analyse cryogenic flows by visualisation. Journal of Physics: Conference Series, 2011, 333, 012009.	0.4	1
144	Interpretation of transmission through type II superconducting thin film on dielectric substrate as observed by laser thermal spectroscopy. Physica C: Superconductivity and Its Applications, 2012, 483, 127-135.	1.2	1

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145	Applications of the quartz tuning fork in classical and superfluid hydrodynamics. EPJ Web of Conferences, 2012, 25, 02025.	0.3	1
146	Crosstalk Between Quartz Tuning Forks in Superfluid He II. Journal of Low Temperature Physics, 2013, 171, 226-233.	1.4	1
147	Lagrangian velocity distributions in thermal counterflow of superfluid4He. EPJ Web of Conferences, 2013, 45, 01005.	0.3	1
148	Two-dimensional simulation of vortex points and tracer particles in counterflowing He-II. EPJ Web of Conferences, 2014, 67, 02124.	0.3	1
149	Grid-Generated He II Turbulence in a Finite Channel - Experiment. , 2001, , 80-86.		1
150	Two Different Vortex States In Rotating3Heâ€"A Observed by Use of Negative Ions. Japanese Journal of Applied Physics, 1987, 26, 191.	1.5	1
151	Direct CW - NMR observation of forbidden transitions at double larmor frequency in hydrogen. Physica B: Condensed Matter, 1990, 165-166, 919-920.	2.7	0
152	Target with a frozen nuclear polarization for experiments at low energies. AIP Conference Proceedings, 1995, , .	0.4	0
153	Cryogenic fluid dynamics. Physica B: Condensed Matter, 2000, 280, 41-42.	2.7	0
154	Quantum Turbulence at Very Low Temperatures: Status and Prospects. AIP Conference Proceedings, 2006, , .	0.4	0
155	Is Quantized Vorticity in Pure He II at Low Temperature Directly Related to Cavitation and Spinodal Pressure?. AIP Conference Proceedings, 2006, , .	0.4	0
156	Turbulence in He II Generated by Superflow. AIP Conference Proceedings, 2006, , .	0.4	0
157	Publisherâ€™s Note: Effect of Boundary Layers Asymmetry on Heat Transfer Efficiency in Turbulent Rayleigh-BÃ©nard Convection at Very High Rayleigh Numbers [Phys. Rev. Lett.109, 154301 (2012)]. Physical Review Letters, 2012, 109, .	7.8	0
158	A flow source for the study of quantum turbulence in superfluid4He. EPJ Web of Conferences, 2012, 25, 02001.	0.3	0
159	Mechanically Versus Thermally Generated Quantum Turbulence of 4He Superflow. Journal of Low Temperature Physics, 2013, 171, 551-562.	1.4	0
160	Quantum storm in a cold cup. Europhysics News, 2021, 52, 25-27.	0.3	0
161	Comments on high Rayleigh number convection. Fluid Mechanics and Its Applications, 2001, , 269-277.	0.2	0
162	Counterflow Turbulence in He II and Its Decay. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2008, , 91-137.	0.6	0

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163	A Fast Negative Ion Thermometer for3He Superfluids. Japanese Journal of Applied Physics, 1987, 26, 1735.	1.5	0
164	VISUALIZATION OF LARGE-SCALE FLOW DUE TO AN OSCILLATING TUNING FORK IN NORMAL AND SUPERFLUID HELIUM. , 0, , .		0
165	Grid Generated He II Turbulence in a Finite Channelâ€"Theoretical Interpretation. , 2001, , 191-197.		0