P J Hakonen

List of Publications by Year in Descending Order

208 papers	6,867 citations	38 h-index	78 g-index
229 ext. papers	8,420 ext. citations	5.6 avg, IF	5.32 L-index

#	Paper	IF	Citations
208	Critical current fluctuations in graphene Josephson junctions. *Scientific Reports*, **2021**, 11, 19900	4.9	0
207	Comment on "Absence of a Dissipative Quantum Phase Transition in Josephson Junctions" *Physical Review X*, **2021**, 11,	9.1	4
206	Thermoelectric current in a graphene Cooper pair splitter. *Nature Communications*, **2021**, 12, 138	17.4	7
205	Electrical Low-Frequency 1/ Noise Due to Surface Diffusion of Scatterers on an Ultra-low-Noise Graphene Platform. *Nano Letters*, **2021**, 21, 7637-7643	11.5	4
204	Bolometer operating at the threshold for circuit quantum electrodynamics. *Nature*, **2020**, 586, 47-51	50.4	27
203	Suspended superconducting weak links from aerosol-synthesized single-walled carbon nanotubes. *Nano Research*, **2020**, 13, 3433-3438	10	
202	Generation of a mode in phononic crystal based on 1D/2D structures. *Ultrasonics*, **2020**, 106, 106146	3.5	4
201	Cryogenic Differential Amplifier for NMR Applications. *Journal of Low Temperature Physics*, **2019**, 195, 72-80	1.3	2
200	Broadband lumped-element Josephson parametric amplifier with single-step lithography. *Applied Physics Letters*, **2019**, 114, 152601	3.4	6
199	A graphene resonator as an ultrasound detector for generalized Love waves in a polymer film with two level states. *Journal Physics D: Applied Physics*, **2019**, 52, 24LT02	3	2
198	Heat switch and thermoelectric effects based on Cooper-pair splitting and elastic cotunneling. *Physical Review B*, **2019**, 99,	3.3	9
197	Dry transfer method for suspended graphene on lift-off-resist: simple ballistic devices with Fabry-Pérot interference. *Nanotechnology*, **2019**, 30, 25LT01	3.4	2
196	Hanbury Brown and Twiss exchange correlations in a graphene box. *Physical Review B*, **2019**, 100,	3.3	1
195	Weak antilocalization of composite fermions in graphene. *Physical Review B*, **2018**, 97,	3.3	1
194	Breakdown of Zero-Energy Quantum Hall State in Graphene in the Light of Current Fluctuations and Shot Noise. *Journal of Low Temperature Physics*, **2018**, 191, 272-287	1.3	2
193	Gyrotropic Zener tunneling and nonlinear IV curves in the zero-energy Landau level of graphene in a strong magnetic field. *Scientific Reports*, **2018**, 8, 594	4.9	4
192	Unconventional fractional quantum Hall states and Wigner crystallization in suspended Corbino graphene. *Nature Communications*, **2018**, 9, 2776	17.4	22

191	Hanbury-Brown and Twiss exchange and non-equilibrium-induced correlations in disordered, four-terminal graphene-ribbon conductor. *Scientific Reports*, **2018**, 8, 14952	4.9	2
190	Defects in h-BN tunnel barrier for local electrostatic probing of two dimensional materials. *APL Materials*, **2018**, 6, 091102	5.7	8
189	Terahertz detection using mechanical resonators based on 2D materials. *AIP Advances*, **2017**, 7, 065014	1.5	2
188	Quartz tuning fork as a probe of surface oscillations. *Applied Physics Letters*, **2017**, 110, 071601	3.4	2
187	Thermal Relaxation in Titanium Nanowires: Signatures of Inelastic Electron-Boundary Scattering in Heat Transfer. *Journal of Low Temperature Physics*, **2017**, 189, 204-216	1.3	6
186	Contact doping, Klein tunneling, and asymmetry of shot noise in suspended graphene. *Physical Review B*, **2016**, 93,	3.3	20
185	Coherence and multimode correlations from vacuum fluctuations in a microwave superconducting cavity. *Nature Communications*, **2016**, 7, 12548	17.4	31
184	Low-noise correlation measurements based on software-defined-radio receivers and cooled microwave amplifiers. *Review of Scientific Instruments*, **2016**, 87, 114706	1.7	7
183	Cooper pair splitting by means of graphene quantum dots. *Physical Review Letters*, **2015**, 114, 096602	7.4	62
182	Cavity optomechanics mediated by a quantum two-level system. *Nature Communications*, **2015**, 6, 6981	17.4	125
181	Buckled diamond-like carbon nanomechanical resonators. *Nanoscale*, **2015**, 7, 14747-51	7.7	8
180	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. *Nanoscale*, **2015**, 7, 4598-810	7.7	2015
179	Coupling between electrons and optical phonons in suspended bilayer graphene. *Physical Review B*, **2015**, 91,	3.3	20
178	Ultra low 1/f noise in suspended bilayer graphene. *Applied Physics Letters*, **2015**, 106, 263505	3.4	17
177	Wideband superconducting nanotube electrometer. *Applied Physics Letters*, **2015**, 107, 012601	3.4	
176	Charge sensitivity enhancement via mechanical oscillation in suspended carbon nanotube devices. *Nano Letters*, **2015**, 15, 1667-72	11.5	18
175	Single-mode and multimode Fabry-Pérot interference in suspended graphene. *Physical Review B*, **2014**, 89,	3.3	36
174	Electron-phonon coupling in suspended graphene: supercollisions by ripples. *Nano Letters*, **2014**, 14, 3009-13	11.5	47

173	Advanced Concepts in Josephson Junction Reflection Amplifiers. *Journal of Low Temperature Physics*, **2014**, 175, 868-876	1.3	12
172	Graphene optomechanics realized at microwave frequencies. *Physical Review Letters*, **2014**, 113, 027404	7.4	63
171	Optomechanics: Hardware for a quantum network. *Nature*, **2014**, 507, 45, 47	50.4	5
170	Dry demagnetization cryostat for sub-millikelvin helium experiments: refrigeration and thermometry. *Review of Scientific Instruments*, **2014**, 85, 085106	1.7	22
169	Hybrid circuit cavity quantum electrodynamics with a micromechanical resonator. *Nature*, **2013**, 494, 211-5	50.4	188
168	Dynamical Casimir effect in a Josephson metamaterial. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 4234-4238	11.5	221
167	Motional averaging in a superconducting qubit. *Nature Communications*, **2013**, 4, 1420	17.4	94
166	Charge qubit driven via the Josephson nonlinearity. *Superconductor Science and Technology*, **2013**, 26, 124001	3.1	7
165	Differential Bloch oscillating transistor pair. *Superconductor Science and Technology*, **2013**, 26, 065009	3.1	1
164	Dielectric losses in multi-layer Josephson junction qubits. *Superconductor Science and Technology*, **2013**, 26, 085010	3.1	14
163	Shot noise in lithographically patterned graphene nanoribbons. *Physical Review B*, **2013**, 88,	3.3	10
162	Micromanipulation transfer of membrane resonators for circuit optomechanics. *Journal of Micromechanics and Microengineering*, **2013**, 23, 125024	2	1
161	Multimode circuit optomechanics near the quantum limit. *Nature Communications*, **2012**, 3, 987	17.4	156
160	Stamp transferred suspended graphene mechanical resonators for radio frequency electrical readout. *Nano Letters*, **2012**, 12, 198-202	11.5	99
159	Basis dependence of approximative energy levels in a strongly driven two-level system. *Journal of Physics: Conference Series*, **2012**, 400, 042054	0.3	3
158	Dynamical Autler-Townes control of a phase qubit. *Scientific Reports*, **2012**, 2, 645	4.9	39
157	Tuning of a hypersonic surface phononic band gap using a nanoscale two-dimensional lattice of pillars. *Physical Review B*, **2012**, 86,	3.3	22
156	Graphene for future electronics. *Physica Scripta*, **2012**, T146, 014025	2.6	28

155	Josephson junction microwave amplifier in self-organized noise compression mode. *Scientific Reports*, **2012**, 2, 276	4.9	9
154	Pure dephasing in a superconducting three-level system. *Journal of Physics: Conference Series*, **2012**, 400, 042039	0.3	2
153	Decoherence, Autler-Townes effect, and dark states in two-tone driving of a three-level superconducting system. *Physical Review B*, **2011**, 84,	3.3	44
152	Shot noise and conductivity at high bias in bilayer graphene: Signatures of electron-optical phonon coupling. *Physical Review B*, **2011**, 84,	3.3	15
151	Microwave amplification with nanomechanical resonators. *Nature*, **2011**, 480, 351-4	50.4	190
150	Macroscopic quantum tunneling in nanoelectromechanical systems. *Physical Review B*, **2011**, 84,	3.3	11
149	Atomic layer deposition of HfO2 on graphene from HfCl4 and H2O. *Open Physics*, **2011**, 9,	1.3	18
148	Microwave reflection measurement of critical currents in a nanotube Josephson transistor with a resistive environment. *Nanotechnology*, **2011**, 22, 125203	3.4	2
147	Energy relaxation in graphene and its measurement with supercurrent. *Physical Review B*, **2011**, 84,	3.3	27
146	Self-heating and nonlinear current-voltage characteristics in bilayer graphene. *Physical Review B*, **2011**, 83,	3.3	17
145	Thermal shot noise in top-gated single carbon nanotube field effect transistors. *Applied Physics Letters*, **2010**, 96, 192103	3.4	9
144	rf-electrometer using a carbon nanotube resonant tunneling transistor. *Journal of Applied Physics*, **2010**, 107, 084316	2.5	2
143	Shot noise suppression and hopping conduction in graphene nanoribbons. *Physical Review B*, **2010**, 82,	3.3	20
142	Strong gate coupling of high-Q nanomechanical resonators. *Nano Letters*, **2010**, 10, 4884-9	11.5	37
141	Stark effect and generalized Bloch-Siegert shift in a strongly driven two-level system. *Physical Review Letters*, **2010**, 105, 257003	7.4	68
140	Electron-phonon coupling in single-walled carbon nanotubes determined by shot noise. *Applied Physics Letters*, **2010**, 97, 262115	3.4	9
139	Current-phase relation and Josephson inductance in a superconducting Cooper-pair transistor. *Physical Review B*, **2009**, 80,	3.3	5
138	Autler-Townes effect in a superconducting three-level system. *Physical Review Letters*, **2009**, 103, 193601	7.4	121

137	Single-walled carbon nanotube weak links in Kondo regime with zero-field splitting. *Physical Review B*, **2009**, 79,	3.3	13
136	Local and non-local shot noise in multiwalled carbon nanotubes. *Europhysics Letters*, **2009**, 85, 37004	1.6	1
135	Interband transitions and interference effects in superconducting qubits. *Quantum Information Processing*, **2009**, 8, 245-259	1.6	4
134	Modeling and Characterization of Bloch Oscillating Junction Transistors. *Journal of Low Temperature Physics*, **2009**, 157, 6-28	1.3	2
133	Accessing nanomechanical resonators via a fast microwave circuit. *Applied Physics Letters*, **2009**, 95, 011909	3.4	23
132	Controlling supercurrents using single-walled carbon nanotube weak links. *Journal of Physics: Conference Series*, **2009**, 150, 052282	0.3	0
131	Diffusive Josephson junctions made out of multiwalled carbon nanotubes. *Journal of Physics: Conference Series*, **2009**, 150, 022091	0.3	1
130	Shot noise in ballistic graphene. *Physical Review Letters*, **2008**, 100, 196802	7.4	188
129	Single carbon nanotube transistor at GHz frequency. *Nano Letters*, **2008**, 8, 525-8	11.5	65
128	Towards direct closure of the quantum metrological triangle **2008**,		5
127	Vibronic spectroscopy of an artificial molecule. *Physical Review Letters*, **2008**, 101, 256806	7.4	12
126	Highly sensitive and broadband carbon nanotube radio-frequency single-electron transistor. *Journal of Applied Physics*, **2008**, 104, 033715	2.5	13
125	Evanescent Wave Transport and Shot Noise in Graphene: Ballistic Regime and Effect of Disorder. *Journal of Low Temperature Physics*, **2008**, 153, 374-392	1.3	43
124	Landau–Zener Interferometry in a Cooper-Pair Box. *Journal of Low Temperature Physics*, **2007**, 146, 253-262	1.3	10
123	Shot noise of a multiwalled carbon nanotube field effect transistor. *Physical Review B*, **2007**, 75,	3.3	9
122	Publisher's Note: Gate-Controlled Superconductivity in a Diffusive Multiwalled Carbon Nanotube [Phys. Rev. Lett. 98, 087002 (2007)]. *Physical Review Letters*, **2007**, 98,	7.4	2
121	Gate-controlled superconductivity in a diffusive multiwalled carbon nanotube. *Physical Review Letters*, **2007**, 98, 087002	7.4	31
120	Shot noise with interaction effects in single-walled carbon nanotubes. *Physical Review Letters*, **2007**, 99, 156803	7.4	64

119	Tunneling of Cooper pairs across voltage-biased asymmetric single-Cooper-pair transistors. *Physical Review B*, **2006**, 74,	3.3	11
118	Statistics of electron tunneling in normal tunnel junctions: An analytical and numerical study including circuit effects. *Physical Review B*, **2006**, 74,	3.3	2
117	Setup for shot noise measurements in carbon nanotubes. *AIP Conference Proceedings*, **2006**,	0	11
116	Continuous-time monitoring of Landau-Zener interference in a cooper-pair box. *Physical Review Letters*, **2006**, 96, 187002	7.4	209
115	Direct Measurements of Tunable Josephson Plasma Resonance in the L-Set **2006**, 45-53		
114	Direct observation of Josephson capacitance. *Physical Review Letters*, **2005**, 95, 206806	7.4	81
113	Current□oltage characteristics of a mesoscopic Josephson junction in a low-impedance environment. *Physica B: Condensed Matter*, **2005**, 359-361, 1442-1444	2.8	1
112	Low-frequency current noise and resistance fluctuations in multiwalled carbon nanotubes. *Physica E: Low-Dimensional Systems and Nanostructures*, **2005**, 28, 57-65	3	16
111	Charge sensitivity of the inductive single-electron transistor. *Applied Physics Letters*, **2005**, 87, 092502	3.4	6
110	Tunneling spectroscopy of disordered multiwalled carbon nanotubes. *Physical Review B*, **2005**, 71,	3.3	6
109	Noise properties of the Bloch oscillating transistor. *Applied Physics Letters*, **2005**, 86, 173507	3.4	3
108	Quantum capacitive phase detector. *Physical Review B*, **2005**, 71,	3.3	10
107	Inductive single-electron transistor. *Physical Review Letters*, **2004**, 93, 066805	7.4	39
106	Observation of shot-noise-induced asymmetry in the Coulomb blockaded Josephson junction. *Physical Review Letters*, **2004**, 93, 197002	7.4	34
105	Control of Coulomb blockade in a mesoscopic Josephson junction using single electron tunneling. *Journal of Applied Physics*, **2004**, 95, 8059-8062	2.5	5
104	Noise performance of the radio-frequency single-electron transistor. *Journal of Applied Physics*, **2004**, 95, 1274-1286	2.5	43
103	Superconducting Electronics at mK Temperatures. *Journal of Low Temperature Physics*, **2004**, 135, 823-838	1.3	1
102	Carbon Nanotube Radio-Frequency Single-Electron Transistor. *Journal of Low Temperature Physics*, **2004**, 136, 465-480	1.3	12

101	Design of cryogenic 700 MHz amplifier. *Cryogenics*, **2004**, 44, 783-788	1.8	22
100	Transport in strongly disordered multiwalled carbon nanotubes. *Physical Review B*, **2004**, 69,	3.3	25
99	Bloch oscillating transistor as the readout element for hot electron bolometers **2004**,		1
98	Formation of metallic NbSe2 nanotubes and nanofibers. *Current Applied Physics*, **2003**, 3, 473-476	2.6	27
97	Spectroscopy of mesoscopic Josephson junction using inelastic Cooper-pair tunneling. *Physica E: Low-Dimensional Systems and Nanostructures*, **2003**, 18, 13-14	3	1
96	Bloch oscillating transistor□ new mesoscopic amplifier. *Physica E: Low-Dimensional Systems and Nanostructures*, **2003**, 18, 15-16	3	3
95	Transport in disordered carbon nanotubes. *Physica E: Low-Dimensional Systems and Nanostructures*, **2003**, 18, 206-207	3	3
94	Low-noise current amplifier based on mesoscopic Josephson junction. *Science*, **2003**, 299, 1045-8	33.3	52
93	Quantum states of a mesoscopic SQUID measured using a small Josephson junction. *Physical Review B*, **2003**, 68,	3.3	6
92	Electron Heating Effects in Disordered Carbon Nanotubes. *Journal of the Physical Society of Japan*, **2003**, 72, 100-101	1.5	5
91	Coulomb-Blockaded Josephson Junction as a Noise Detector. *Journal of the Physical Society of Japan*, **2003**, 72, 187-188	1.5	1
90	Manufacture of single electron transistors using AFM manipulation on multiwalled carbon nanotubes. *Microelectronic Engineering*, **2002**, 61-62, 687-691	2.5	12
89	Titanium single-electron transistor fabricated by electron-beam lithography. *Physica E: Low-Dimensional Systems and Nanostructures*, **2002**, 15, 41-47	3	6
88	Multiwalled Carbon Nanotubes as Building Blocks in Nanoelectronics. *Journal of Low Temperature Physics*, **2001**, 124, 335-352	1.3	22
87	Experiments on Dissipative Dynamics of Single Josephson Junctions. *Journal of Low Temperature Physics*, **2001**, 125, 89-114	1.3	8
86	Inverse proximity effect in superconductors near ferromagnetic material. *Europhysics Letters*, **2001**, 56, 590-595	1.6	34
85	Multiwalled carbon nanotube: Luttinger versus Fermi liquid. *Physical Review B*, **2001**, 64,	3.3	91
84	Multiwalled carbon nanotubes as ultrasensitive electrometers. *Applied Physics Letters*, **2001**, 78, 3295-3297	3.4	34

83	The Experimental Evidence for Vortex Nucleation in 4He. *Lecture Notes in Physics*, **2001**, 36-50	0.8	4
82	Noise measurements on single electron transistors using bias switching read-out. *EPJ Applied Physics*, **2000**, 11, 227-229	1.1	
81	Asymptotic behavior of a normal tunnel junction at large voltages. *Physica B: Condensed Matter*, **2000**, 280, 399-400	2.8	
80	Pinning of a nanometric size vortex in superfluid 4He. *Physica B: Condensed Matter*, **2000**, 284-288, 87-88	2.8	2
79	Nuclear spin relaxation at ultralow temperatures. *Physica B: Condensed Matter*, **2000**, 284-288, 1706-1707	2.8	
78	Transport measurements in SISNSIS single-electron transistors. *Physica B: Condensed Matter*, **2000**, 284-288, 1826-1827	2.8	
77	Dissipative phase transition in a mesoscopic Josephson junction in a weak magnetic field. *Physica B: Condensed Matter*, **2000**, 284-288, 1832-1833	2.8	2
76	Pseudo-contact angle due to superfluid vortices in 4 He. *Europhysics Letters*, **2000**, 50, 222-228	1.6	2
75	Effect of quantum noise on Coulomb blockade in normal tunnel junctions at high voltages. *Physical Review B*, **2000**, 61, 10890-10897	3.3	4
74	Single-electron transistor made of two crossing multiwalled carbon nanotubes and its noise properties. *Applied Physics Letters*, **2000**, 77, 4037-4039	3.4	36
73	Noise of a single electron transistor on a Si3N4 membrane. *Journal of Applied Physics*, **1999**, 86, 2684-2686	2.5	1
72	Single-electron transistor made of multiwalled carbon nanotube using scanning probe manipulation. *Applied Physics Letters*, **1999**, 75, 728-730	3.4	81
71	Elementary Steps on the H4e Crystal Interface Probed by H3e Atoms. *Physical Review Letters*, **1999**, 83, 4804-4807	7.4	5
70	Superconductor-Insulator Transition in a Single Josephson Junction. *Physical Review Letters*, **1999**, 82, 1004-1007	7.4	86
69	Nuclear spin relaxation at ultralow temperatures. *Physical Review B*, **1999**, 59, 9462-9466	3.3	2
68	Superfluid interferometry **1999**, 287-292		
67	Growth of 4He-Crystals at mK-Temperatures. *Journal of Low Temperature Physics*, **1998**, 112, 117-164	1.3	46
66	Superfluid Gyrometers: Present State and Future Prospects. *Journal of Low Temperature Physics*, **1998**, 110, 709-718	1.3	8

65	Superfluid Vorticity and 1/f Noise in Melting of Solid 4He. *Journal of Low Temperature Physics*, **1998**, 110, 503-508	1.3	3
64	Observation of single-vortex pinning in superfluid 4He. *Physica B: Condensed Matter*, **1998**, 255, 55-74	2.8	9
63	Manipulation of Ag nanoparticles utilizing noncontact atomic force microscopy. *Applied Physics Letters*, **1998**, 73, 1505-1507	3.4	48
62	Bipolar programmable current supply for superconducting nuclear magnetic resonance magnets. *Review of Scientific Instruments*, **1998**, 69, 3418-3425	1.7	3
61	Evidence for Single-Vortex Pinning and Unpinning Events in Superfluid H4e. *Physical Review Letters*, **1998**, 81, 3451-3454	7.4	15
60	Detection of the Rotation of the Earth with a Superfluid Gyrometer. *Physical Review Letters*, **1997**, 78, 3602-3605	7.4	39
59	Interferometric studies of interfaces at milliKelvin temperatures. *European Physical Journal D*, **1996**, 46, 2965-2972		1
58	Spreading of superfluid4He on MgF2. *European Physical Journal D*, **1996**, 46, 429-430		
57	Anomalous growth of c-facets in4He crystals at mK-temperatures. *European Physical Journal D*, **1996**, 46, 463-464		
56	Observation of a new surface state on4He crystal interfaces. *European Physical Journal D*, **1996**, 46, 465-466		
55	Nucleation of helium-4 crystals at Millikelvin temperatures. *European Physical Journal D*, **1996**, 46, 467-468		
54	Spiral growth of c-facets in4He crystals at mK-temperatures. *European Physical Journal D*, **1996**, 46, 469-470		
53	Investigations on3He crystals using optical interferometry at mK temperatures. *European Physical Journal D*, **1996**, 46, 479-480		
52	Spreading of superfluid4He on MgF2. *Journal of Low Temperature Physics*, **1996**, 102, 21-29	1.3	8
51	Optical interferometry in superfluid3He-B. *Journal of Low Temperature Physics*, **1996**, 102, 411-443	1.3	5
50	Evidence of 4He Crystallization via Quantum Tunneling at mK Temperatures. *Physical Review Letters*, **1996**, 77, 2514-2517	7.4	30
49	Facet growth of 4He crystals at mK temperatures. *Physical Review Letters*, **1996**, 76, 4187-4190	7.4	29
48	Susceptibility and relaxation measurements on rhodium metal at positive and negative spin temperatures in the nanokelvin range. *Journal of Low Temperature Physics*, **1995**, 98, 449-487	1.3	8

47	Dimples due to dislocations at the superfluid/solid interface of4He. *Journal of Low Temperature Physics*, **1995**, 101, 519-523	1.3	
46	Evidence of a new vicinal state on the4He crystal interface. *Journal of Low Temperature Physics*, **1995**, 101, 525-530	1.3	3
45	Optical interferometry at ultra low temperatures. *Journal of Low Temperature Physics*, **1995**, 101, 41-47	1.3	4
44	Observations on Superfluid Meniscus in Rotating 3He-B. *Physical Review Letters*, **1995**, 74, 2744-2747	7.4	12
43	Observation of a new surface state on 4He crystal interfaces. *Physical Review Letters*, **1995**, 75, 3324-3327	7.4	15
42	Anomalous Spin-Lattice Relaxation in Dilute RhFe at Positive and Negative Nanokelvin Spin Temperatures. *Europhysics Letters*, **1994**, 25, 551-556	1.6	9
41	Optical Investigations of Film Dynamics in Superfluid 3 He Using a Cooled Charged Coupled Device. *Europhysics Letters*, **1994**, 28, 163-168	1.6	8
40	Cooled video camera for optical investigations below 1 mK. *Review of Scientific Instruments*, **1994**, 65, 1784-1785	1.7	16
39	Wetting of superfluid 4He by liquid 3He. *Physical Review Letters*, **1994**, 73, 1388-1391	7.4	7
38	Calculation of nuclear-spin entropy in silver and rhodium at positive and negative temperatures using Monte Carlo simulations. *Physical Review B*, **1994**, 49, 15363-15365	3.3	4
37	Vortex dimples at charged helium interfaces. *Journal of Low Temperature Physics*, **1994**, 96, 355-367	1.3	3
36	Negative nanokelvin temperatures in the nuclear spin systems of silver and rhodium metals. *Physica B: Condensed Matter*, **1994**, 194-196, 291-292	2.8	1
35	Negative absolute temperatures: "hot" spins in spontaneous magnetic order. *Science*, **1994**, 265, 1821-5	33.3	19
34	Nuclear antiferromagnetism in rhodium metal at positive and negative nanokelvin temperatures. *Physical Review Letters*, **1993**, 70, 2818-2821	7.4	28
33	Nuclear magnetic ordering in silver at positive and negative spin temperatures. *Physica Scripta*, **1993**, T49A, 327-332	2.6	2
32	Observation of nuclear ferromagnetic ordering in silver at negative nanokelvin temperatures. *Physical Review Letters*, **1992**, 68, 365-368	7.4	32
31	Spin dynamics in highly polarized silver at negative absolute temperatures. *Physical Review B*, **1992**, 45, 2196-2200	3.3	8
30	Nuclear ferromagnetic ordering in silver at negative nanokelvin temperatures. *Journal of Low Temperature Physics*, **1992**, 89, 177-186	1.3	10

29	Spontaneous nuclear magnetic ordering in copper and silver at nano- and picokelvin temperatures. *Journal of Magnetism and Magnetic Materials*, **1991**, 100, 394-412	2.8	41
28	Investigations of nuclear magnetism in silver down to picokelvin temperatures. II. *Journal of Low Temperature Physics*, **1991**, 85, 25-65	1.3	25
27	Simultaneous spin and space rotation experiments in3He-B. *Journal of Low Temperature Physics*, **1991**, 83, 323-330	1.3	8
26	Phase Diagram and NMR Studies of Antiferromagnetically Ordered Polycrystalline Silver. *Europhysics Letters*, **1991**, 15, 677-682	1.6	31
25	Interfacial resistive anomaly at a normal-superconducting boundary. *Physical Review B*, **1991**, 44, 462-465	3.3	46
24	Electron-beam welded Cu-to-Ag joints for thermal contact at low temperatures. *Review of Scientific Instruments*, **1991**, 62, 1370-1371	1.7	7
23	Electrical transport in bismuth whiskers at millikelvin temperatures. *Journal of Physics Condensed Matter*, **1991**, 3, 7153-7160	1.8	5
22	Studies of nuclear magnetism in silver at positive and negative nanokelvin temperatures. *Physica B: Condensed Matter*, **1990**, 165-166, 785-786	2.8	1
21	NQR studies of scandium metal at low temperatures. *Physica B: Condensed Matter*, **1990**, 165-166, 793-794	2.8	7
20	Evidence for Soft Vortex Cores in 3 He-B at High Magnetic Fields. *Europhysics Letters*, **1990**, 11, 651-656	1.6	1
19	Nuclear magnetism in silver at positive and negative absolute temperatures in the low nanokelvin range. *Physical Review Letters*, **1990**, 64, 2707-2710	7.4	40
18	Measurements of the Dipolar Velocity in Superfluid 3 He-B. *Europhysics Letters*, **1989**, 9, 355-360	1.6	8
17	Vortices in rotating superfluid 3He. *Physica B: Condensed Matter*, **1989**, 160, 1-55	2.8	50
16	NMR and axial magnetic field textures in stationary and rotating superfluid3He-B. *Journal of Low Temperature Physics*, **1989**, 76, 225-283	1.3	56
15	Surface spin waves in 3He-A, a probe for vortex phenomena in narrow gaps. *Physical Review Letters*, **1987**, 58, 678-681	7.4	19
14	Vortex-free state of 3He-B in a rotating cylinder. *Physical Review Letters*, **1987**, 59, 1006-1009	7.4	28
13	Vortices in Rotating Superfluid He3. *Physics Today*, **1987**, 40, 70-78	0.9	7
12	Decay of vortex state and mutual friction in superfluid3He-A. *Journal of Low Temperature Physics*, **1987**, 67, 313-318	1.3	19

11	Vortices in3He-A in Restricted Geometries. *Japanese Journal of Applied Physics*, **1987**, 26, 181	1.4	5
10	NMR studies on vortices in rotating3He-A. *Journal of Low Temperature Physics*, **1985**, 60, 187-221	1.3	28
9	Comment on "Nucleation of 3He-B from the A phase: A cosmic-ray effect?". *Physical Review Letters*, **1985**, 54, 245	7.4	25
8	Continuous Vortices with Broken Symmetry in Rotating Superfluid He3-A. *Physical Review Letters*, **1984**, 52, 1802-1805	7.4	43
7	Phase Diagram of the First-Order Vortex-Core Transition in Superfluid He3-B. *Physical Review Letters*, **1984**, 53, 584-587	7.4	38
6	NMR experiments on rotating superfluid3He-A and3He-B and their theoretical interpretation. *Journal of Low Temperature Physics*, **1983**, 53, 425-476	1.3	66
5	Magnetic Vortices in Rotating Superfluid He3-B. *Physical Review Letters*, **1983**, 51, 1362-1365	7.4	64
4	NMR Experiments on Rotating Superfluid He3-A: Evidence for Vorticity. *Physical Review Letters*, **1982**, 48, 1838-1841	7.4	19
3	Experiments on Vortices in Rotating Superfluid He3-A. *Physical Review Letters*, **1982**, 49, 1258-1261	7.4	32
2	On textures and spin waves in rotating superfluid3He-B at high magnetic fields. *Journal of Physics C: Solid State Physics*, **1982**, 15, L1277-L1285		14
1	Vortices in 3He-A in a weak magnetic field. *Journal of Low Temperature Physics*, **1981**, 42, 503-514	1.3	23