

Kimitoshi Kono

List of Publications by Year in descending order

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232
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232
times ranked

1637
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation and Demolishment Mechanisms of Vapor Bubble Around Hot Tungsten Filament in Superfluid Helium-4. Journal of Low Temperature Physics, 2021, 202, 418-430.	1.4	1
2	Coupled pair of one- and two-dimensional magnetoplasmons on electrons on helium. Physical Review B, 2021, 103, .	3.2	0
3	Critically Charged Superfluid 4He Surface in Inhomogeneous Electric Fields. Journal of Low Temperature Physics, 2021, 202, 431-443.	1.4	0
4	Tuning Interface Barrier in 2D BP/ReSe ₂ Heterojunctions in Control of Optoelectronic Performances and Energy Conversion Efficiencies. ACS Photonics, 2020, 7, 2886-2895.	6.6	20
5	Dynamical decoupling and recoupling of the Wigner solid to a liquid helium substrate. Physical Review B, 2020, 102, .	3.2	6
6	Imaging and time-resolved study of laser-induced fluorescence of dysprosium atoms injected into superfluid helium. Physical Review B, 2020, 101, .	3.2	2
7	Trapping of metallic nanoparticles under the free surface of superfluid helium in a static electric field. Physics of Fluids, 2019, 31, 077104.	4.0	1
8	Dynamics of the Vortex-Particle Complexes Bound to the Free Surface of Superfluid Helium. Physical Review Letters, 2019, 122, 174502.	7.8	11
9	Zero-phonon lines in the spectra of dysprosium atoms in superfluid helium. Physical Review B, 2019, 99, .	3.2	7
10	Can Warmer than Room Temperature Electrons Levitate Above a Liquid Helium Surface?. Journal of Low Temperature Physics, 2019, 195, 307-318.	1.4	1
11	Reply to "Comment on "Effect of rotation on the elastic moduli of solid He ⁴ ". Physical Review B, 2019, 99, .	3.2	1
12	Review: Observation of Majorana Bound States at a Free Surface of ${}^3\text{He-B}$. Journal of Low Temperature Physics, 2019, 195, 343-357.	1.4	7
13	Dynamics of Fine Particles Due to Quantized Vortices on the Surface of Superfluid ${}^4\text{He}$. Journal of Low Temperature Physics, 2019, 196, 190-196.	1.4	4
14	Perturbations of a Free Surface of Superfluid Helium by the Ion Wind Produced by a Corona Discharge Above the Liquid. Journal of Low Temperature Physics, 2019, 195, 327-335.	1.4	1
15	Effect of rotation on the elastic moduli of solid He ⁴ . Physical Review B, 2018, 97, .	3.2	5
16	Laser spectroscopy of phonons and rotons in superfluid helium doped with Dy atoms. Physical Review B, 2018, 97, .	3.2	9
17	Magnetization measurements of Sr ₂ RuO ₄ -Ru eutectic microplates using dc-SQUIDs. Journal of Physics: Conference Series, 2018, 969, 012040.	0.4	0
18	The self-assembly of DyF ₃ nanoparticles synthesized by chloride-based route. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	6

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19	Spectroscopy of Ba ⁺ ions in liquid 4He. AIP Advances, 2018, 8, .	1.3	8
20	Reinvestigation of the rotation effect in solid ^4He with a rigid torsional oscillator. Physical Review B, 2018, 98, .	3.2	3
21	Motion of metallic microparticles in superfluid helium in the presence of space charge. Physics of Fluids, 2017, 29, 047106.	4.0	10
22	Bistable transport properties of a quasi-one-dimensional Wigner solid on liquid helium under continuous driving. Physical Review B, 2017, 96, .	3.2	9
23	Investigation of the Vortex States of Sr ₂ RuO ₄ -Ru Eutectic Microplates Using DC-SQUIDS. Journal of the Physical Society of Japan, 2017, 86, 114708.	1.6	2
24	Anomalous Quasiparticle Reflection from the Surface of a ^4He Taylor cone and electro-spraying at a free surface of superfluid helium charged from below. Physical Review E, 2017, 95, 053110.	7.8	4
25	Ripplonic Lamb Shift for Electrons on Liquid Helium. Physical Review Letters, 2017, 119, 256802.	2.1	16
26	Metallic nanowires and mesoscopic networks on a free surface of superfluid helium and charge-shuttling across the liquid-gas interface. Physical Chemistry Chemical Physics, 2016, 18, 26444-26455.	7.8	11
27	The Helium Field Effect Transistor (II): Gated Transport of Surface-State Electrons Through Micro-constrictions. Journal of Low Temperature Physics, 2016, 185, 339-353.	2.8	18
28	Transport of electrons on liquid helium in a microchannel device near the current threshold. JETP Letters, 2016, 104, 323-328.	1.4	1
29	Structural order and melting of a quasi-one-dimensional electron system. Physical Review B, 2016, 94, .	1.4	1
30	Bound-bound transitions in the emission spectra of Ba ⁺ -He excimer. Physical Review A, 2016, 93, .	3.2	11
31	Stick-Slip Motion of the Wigner Solid on Liquid Helium. Physical Review Letters, 2016, 116, 206801.	2.5	4
32	Onset of Superfluidity in ^4He Films. Physical Review Letters, 2016, 117, 205302.	7.8	43
33	Development of Magnetization Measurement Devices Using Micro-dc-SQUIDS and a Sr ₂ RuO ₄ Microplate. Journal of Low Temperature Physics, 2016, 183, 292-299.	7.8	3
34	Development of a Two-Dimensional Micro-SQUID Array for Investigation of Magnetization Spatial Distribution. Journal of Low Temperature Physics, 2016, 183, 300-306.	1.4	4
35	Structural Transitions in a Quasi-1D Wigner Solid on Liquid Helium. Journal of Low Temperature Physics, 2016, 182, 28-37.	1.4	2
36		1.4	8

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37	Stability of Surface State Electrons on Helium Films. Journal of Low Temperature Physics, 2016, 183, 258-263.	1.4	8
38	Critical Behavior of Alternately Pumped Nuclear Spins in Quantum Dots. Physical Review Letters, 2015, 115, 186803.	7.8	1
39	Observation of Intrinsic Magnus Force and Direct Detection of Chirality in Superfluid $^3\text{He-A}$. Journal of the Physical Society of Japan, 2015, 84, 044602.	1.6	16
40	An incompressible state of a photo-excited electron gas. Nature Communications, 2015, 6, 7210.	12.8	36
41	Melting of Wigner Crystal on Helium in Quasi-One-Dimensional Geometry. Journal of Low Temperature Physics, 2015, 179, 251-263.	1.4	7
42	Electronic Magnetization of a Quantum Point Contact Measured by Nuclear Magnetic Resonance. Physical Review Letters, 2015, 115, 036601.	7.8	21
43	Single-File Transport of Classical Electrons on the Surface of Liquid Helium. Biophysical Reviews and Letters, 2014, 09, 397-411.	0.8	10
44	Quantized escape and formation of edge channels at high Landau levels and edge transport mediated zero-differential resistance states. Physical Review B, 2014, 90, .	3.2	6
45	Laser Spectroscopy of Ba^+ Ions in Liquid He: Towards the Detection of Majorana Fermion Surface State in Superfluid $^3\text{He-B}$. Journal of Low Temperature Physics, 2014, 175, 63-69.	1.4	6
46	Spin blockade in a double quantum dot containing three electrons. Physical Review B, 2014, 89, .	3.2	8
47	Nonlinear Transport of Positive Ions Below a Free Surface of Topological Superfluid $^3\text{He-B}$. Journal of Low Temperature Physics, 2014, 175, 718-724.	1.4	2
48	Pulsed transport of electrons on liquid helium confined in narrow channels. Journal of Physics: Conference Series, 2014, 568, 012008.	0.4	1
49	Low-Temperature Specific Heat Study of Hexagonal C14-Type Laves Phase Superconductors ARu_2 ($A = \text{Lu}$). Tj ETQq1 1 0.784314 rgBT		
50	Unexpected Density Dependence of Mobility of Electron Bubbles Trapped Below the Free Surface of Normal ^3He . Journal of Low Temperature Physics, 2013, 171, 159-164.	1.4	4
51	Effect of Coulomb Interaction on Microwave-Induced Magnetoconductivity Oscillations of Surface Electrons on Liquid Helium. Physical Review Letters, 2013, 111, 266802.	7.8	33
52	Chiral Symmetry Breaking in Superfluid $^3\text{He-A}$. Science, 2013, 341, 59-62.	12.6	50
53	Dynamic nuclear polarization with three electrons in a vertical double quantum dot. Physical Review B, 2013, 88, .	3.2	2
54	Self-Generated Audio-Frequency Oscillations in 2D Electrons with Nonequilibrium Carrier Distribution on Liquid Helium. Journal of the Physical Society of Japan, 2013, 82, 075002.	1.6	7

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55	A possible solution for charge sensing in vertical double quantum dots. Journal of Physics Condensed Matter, 2013, 25, 345301.	1.8	0
56	Mobility of Ions Trapped Below a Free Surface of Superfluid ^3He . Journal of the Physical Society of Japan, 2013, 82, 124607.	1.6	13
57	Strong Rashba Spin-Orbit Interaction Intensity in Low-Potential-Barrier Quantum Dots. Japanese Journal of Applied Physics, 2013, 52, 04CJ02.	1.5	2
58	Comprehensive Macroscopic Investigation on Hexagonal C14 Laves-Type Ru-Based Superconductors ARu ₂ (A = Lu, Y, Sc) with Effective Electron Correlation. Journal of the Physical Society of Japan, 2013, 82, 124703.	1.6	2
59	Reentrant Melting of a Classical Quasi-One-Dimensional Wigner Crystal on the Surface of Liquid Helium. Journal of the Physical Society of Japan, 2013, 82, 124602.	1.6	14
60	Resistive detection of nuclear spins in a single quantum dot under Kondo effect regime. Physical Review B, 2013, 87, .	3.2	3
61	Experimental study of energy relaxation of hot electrons on liquid helium-4. Europhysics Letters, 2013, 104, 47007.	2.0	7
62	First Study of Intersubband Absorption in Electrons on Helium under Quantizing Magnetic Fields. Journal of the Physical Society of Japan, 2013, 82, 043601.	1.6	5
63	Electrical Detection of Nuclear Magnetic Resonance Signal of Nuclear Spins of Order 10^4 in a Semiconductor Double Quantum Dot. Applied Physics Express, 2012, 5, 025002.	2.4	1
64	Shear resonance and torsional oscillator measurements of solid ^4He under dc rotation. Physical Review B, 2012, 86, .	3.2	4
65	Staircaselike Suppression of Supersolidity under Rotation. Physical Review Letters, 2012, 108, 105302.	7.8	19
66	Stability and reconstruction of inverse gravity films (Review Article). Low Temperature Physics, 2012, 38, 991-1000.	0.6	0
67	Nonlinear Transports of Electrons on Liquid ^4He in a 1.6 μm Channel. Journal of Physics: Conference Series, 2012, 400, 012020.	0.4	1
68	Commensurability-Dependent Transport of a Wigner Crystal in a Nanoconstriction. Physical Review Letters, 2012, 108, 176801.	7.8	34
69	Spin blockade with spin singlet electrons. Applied Physics Letters, 2012, 101, 263108.	3.3	3
70	Evidence for Reentrant Melting in a Quasi-One-Dimensional Wigner Crystal. Physical Review Letters, 2012, 109, 236802.	7.8	29
71	Bistability and hysteresis of intersubband absorption in strongly interacting electrons on liquid helium. Physical Review B, 2012, 85, .	3.2	5
72	Resonant Photovoltaic Effect in Surface State Electrons on Liquid Helium. Journal of the Physical Society of Japan, 2012, 81, 093601.	1.6	35

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73	Series-Coupled Triple Quantum Dot Molecules. Japanese Journal of Applied Physics, 2012, 51, 02BJ06.	1.5	2
74	Experimental proof of the existence of water clusters in fullerene-like PrF ₃ nanoparticles. JETP Letters, 2012, 96, 181-183.	1.4	19
75	Transport Measurements of Strongly Correlated Electrons on Helium in a Classical Point-Contact Device. Journal of Low Temperature Physics, 2012, 166, 107-124.	1.4	11
76	The Helium Field Effect Transistor (I): Storing Surface State Electrons on Helium Films. Journal of Low Temperature Physics, 2012, 167, 15-25.	1.4	7
77	Revisit to the Transport Measurements of Electrons on Rotating Superfluid 4He. Journal of the Physical Society of Japan, 2011, 80, 025002.	1.6	0
78	Spin Bottleneck in Resonance Tunneling through In _{0.04} Ga _{0.96} As/GaAs Vertical Double Quantum Dots. AIP Conference Proceedings, 2011, , .	0.4	0
79	Electrons Take Their Places on a Liquid Helium Grid. Physics Magazine, 2011, 4, .	0.1	1
80	Cotunneling effects in GaAs vertical double quantum dots. JETP Letters, 2011, 93, 199-202.	1.4	1
81	Spin Kinetics of 3He in Contact with Synthesized PrF ₃ Nanoparticles. Journal of Low Temperature Physics, 2011, 162, 645-652.	1.4	16
82	Level Broadening Effect in Electron Tunneling through Double Quantum Dots with Different Factors. Japanese Journal of Applied Physics, 2011, 50, 04DJ02.	1.5	0
83	Singlet-Triplet Mixing Due to g-Factor Mismatch in Double Quantum Dot. Japanese Journal of Applied Physics, 2011, 50, 04DJ03.	1.5	2
84	Point-Contact Transport Properties of Strongly Correlated Electrons on Liquid Helium. Physical Review Letters, 2011, 106, 026803.	7.8	54
85	Spatial gradient of dynamic nuclear spin polarization induced by breakdown of the quantum Hall effect. Physical Review B, 2011, 83, .	3.2	3
86	Enhancement of Rashba coupling in vertical In _{0.05} Ga _{0.95} As/GaAs quantum dots. Physical Review B, 2011, 84, .	3.2	33
87	Voltage-Selective Bidirectional Polarization and Coherent Rotation of Nuclear Spins in Quantum Dots. Physical Review Letters, 2011, 107, 026602.	7.8	34
88	Level Broadening Effect in Electron Tunneling through Double Quantum Dots with Different Factors. Japanese Journal of Applied Physics, 2011, 50, 04DJ02.	1.5	0
89	Singlet-Triplet Mixing Due to g-Factor Mismatch in Double Quantum Dot. Japanese Journal of Applied Physics, 2011, 50, 04DJ03.	1.5	0
90	Photon-Induced Vanishing of Magnetoconductance in 2D Electrons on Liquid Helium. Physical Review Letters, 2010, 105, 226801.	7.8	60

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91	Self-Sustained Microwave Absorption Induced by Extremely High Radiation Intensities in Surface Electrons on Liquid Helium. Journal of Low Temperature Physics, 2010, 158, 324.	1.4	3
92	Transport Properties of Two-dimensional Snowballs Below the Surface of 4He-II Under Rotation. Journal of Low Temperature Physics, 2010, 158, 391.	1.4	1
93	Electrons on the Surface of Superfluid 3He. Journal of Low Temperature Physics, 2010, 158, 288-300.	1.4	6
94	Transport of Electrons on Liquid Helium Across a Tunable Potential Barrier in a Point Contact-like Geometry. Journal of Low Temperature Physics, 2010, 158, 301-306.	1.4	10
95	Electrostatic Manipulation of Level of Bulk Liquid for Studies of Saturated Superfluid 3He Films. Journal of Low Temperature Physics, 2010, 158, 716-721.	1.4	1
96	Spin blockade and nuclear spin effect in a g-factor modulated vertical double quantum dot. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 833-836.	2.7	7
97	Spin Bottleneck in Resonant Tunneling through Double Quantum Dots with Different Zeeman Splittings. Physical Review Letters, 2010, 104, 136801.	7.8	26
98	Melting of a quasi-one-dimensional Wigner crystal: Electrons on superfluid ^4He in a narrow channel. Physical Review B, 2010, 82, .	3.2	15
99	Evidence of Supersolidity in Rotating Solid Helium. Science, 2010, 330, 1512-1515.	12.6	62
100	Voltage Switching Technique for Detecting Nuclear Spin Polarization in a Quantum Dot. Japanese Journal of Applied Physics, 2010, 49, 04DJ07.	1.5	7
101	Rearrangements on the Surface of Heavy-Ion-Implanted LiNbO_3 . Ferroelectrics, 2010, 398, 42-48.	0.6	0
102	Nonlinear Transport of the Wigner Solid on Superfluid ^4He in a Channel Geometry. Physical Review Letters, 2009, 102, 046807.	7.8	53
103	Resonant Correlation-Induced Optical Bistability in an Electron System on Liquid Helium. Physical Review Letters, 2009, 103, 096801.	7.8	25
104	Tuning of Metal-Insulator Transition of Quasi-Two-Dimensional Electrons at Parylene/SrTiO ₃ Interface by Electric Field. Journal of the Physical Society of Japan, 2009, 78, 083713.	1.6	7
105	Novel Radiation-Induced Magnetoresistance Oscillations in a Nondegenerate Two-Dimensional Electron System on Liquid Helium. Physical Review Letters, 2009, 103, 266808.	7.8	69
106	Nonlinear Wigner solid transport over superfluid helium under ac conditions. Low Temperature Physics, 2009, 35, 356-364.	0.6	11
107	The study of the system "Van Vleck paramagnet PrF_3 -Helium-3". Journal of Physics: Conference Series, 2009, 150, 032019.	0.4	2
108	Nonlinear resonant microwave absorption in strongly correlated hot 2D electrons on a liquid helium surface. Journal of Physics: Conference Series, 2009, 150, 022046.	0.4	0

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109	Anisotropy of Superfluid ^3He Near Free Surface Investigated by Surface State Electrons. Journal of Low Temperature Physics, 2008, 150, 145-153.	1.4	0
110	Wigner Solid Transition of Electrons Confined in Microchannel. Journal of Low Temperature Physics, 2008, 150, 224-229.	1.4	1
111	Melting of Two-Dimensional Electron Crystal on Liquid ^3He Induced by Resonance Microwave Absorption. Journal of Low Temperature Physics, 2008, 150, 236-241.	1.4	5
112	Microwave-Resonance Induced Change in Magneto-Resistivity: Hot Surface Electrons on Liquid ^3He . Journal of Low Temperature Physics, 2008, 150, 230-235.	1.4	2
113	Anomalous temperature dependence of microwave resonance-induced resistivity of surface-state electrons on liquid. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 1668-1670.	2.7	0
114	Corrigendum to "Nonlinear transport of the Wigner solid on normal and superfluid ^3He surfaces". Journal of Physics and Chemistry of Solids, 2008, 69, 1037.	4.0	0
115	Microwave-Absorption-Induced Heating of Surface State Electrons on Liquid ^3He . Journal of the Physical Society of Japan, 2008, 77, 034705.	1.6	10
116	Dynamic Stability of Metal-Nanocluster Composites Based on LiNbO_3 Under Heavy-Ion Bombardment. Ferroelectrics, 2008, 373, 127-132.	0.6	6
117	Spin Transport from Doublet State to Triplet State in Vertical Quantum Dots. Japanese Journal of Applied Physics, 2008, 47, 3257-3260.	1.5	3
118	Superconducting Transition in Electron-Doped $12\text{CaO} \cdot 7\text{Al}_2\text{O}_3 \cdot 3\text{O}_2$. Materials Transactions, 2008, 49, 1748-1752.	1.2	20
119	Electron attachment to atomic hydrogen on the surface of liquid He_4 . Low Temperature Physics, 2008, 34, 397-403.	0.6	2
120	Quasiparticle Scattering Model for Interpreting the Wigner Solid Resistivity on the Surface of Superfluid ^3He . Journal of the Physical Society of Japan, 2008, 77, 111004.	1.6	4
121	Photoresonance and conductivity of surface electrons on liquid He_3 . Low Temperature Physics, 2008, 34, 377-384.	0.6	11
122	Observation of Strong Electron Dephasing in Highly Disordered $\text{Cu}_{93}\text{Ge}_{22}$ Films. Physical Review Letters, 2007, 99, 046601.	7.8	22
123	Microwave Absorption of Surface-State Electrons on Liquid ^3He . Journal of the Physical Society of Japan, 2007, 76, 094704.	1.6	15
124	Microwave absorption saturation and decay heating of surface electrons on liquid helium. Low Temperature Physics, 2007, 33, 718-720.	0.6	3
125	Microwave-Resonance-Induced Resistivity: Evidence of Ultrahot Surface-State Electrons on Liquid He_3 . Physical Review Letters, 2007, 98, 235302.	7.8	34
126	Superconductivity in an Inorganic Electride $12\text{CaO} \cdot 7\text{Al}_2\text{O}_3 \cdot e^-$. Journal of the American Chemical Society, 2007, 129, 7270-7271.	13.7	199

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127	Observation of vortex expulsion in mesoscopic superconducting disks. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2007, 40, 339-342.	2.7	1
128	Investigation of Microwave Absorption of Surface-State Electrons on Liquid ^3He . <i>Journal of Low Temperature Physics</i> , 2007, 148, 187-191.	1.4	3
129	Thickness Dependence of Critical Current of Superfluid ^3He Film. <i>Journal of Low Temperature Physics</i> , 2007, 148, 483-487.	1.4	4
130	Nonlinear Transport of Wigner Solid on Superfluid ^3He – ^4He . <i>Journal of Low Temperature Physics</i> , 2007, 148, 489-493.	1.4	2
131	Decay Heating and Microwave Resonance-Induced Resistivity of Surface Electrons on Liquid Helium. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 124702.	1.6	7
132	New Rotating Dilution Refrigerator for a Study of the Free Surface of Superfluid He. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	4
133	Magnetic Response of a Mesoscopic Superconducting Disk Surrounded by a Normal Metal. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
134	Temperature Dependence of the Conductivity of Two-Dimensional Electron System on Superfluid Helium Film Using Nano-Gapped Electrode. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	1
135	Conductance Properties of Superconducting Aluminum Point Contacts. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
136	Single-Electron Transistor Made from a Single Gold Colloidal Particle. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
137	Transport Properties of Two-Dimensional Wigner Solid on Free Surface of Liquid ^3He – ^4He Mixtures. <i>Journal of the Physical Society of Japan</i> , 2006, 75, 044601.	1.6	6
138	Reproducible formation of nanoscale-gap electrodes for single-molecule measurements by combination of FIB deposition and tunneling current detection. <i>Microelectronic Engineering</i> , 2006, 83, 1471-1473.	2.4	19
139	Texture of Superfluid ^3He Probed by a Wigner Solid. <i>Physical Review Letters</i> , 2006, 97, 165303.	7.8	10
140	Nonlinear transport of the Wigner solid on normal and superfluid ^3He surfaces. <i>Journal of Physics and Chemistry of Solids</i> , 2005, 66, 1544-1548.	4.0	0
141	Ion Emitter based on Carbon Nanotubes in Liquid Helium. <i>Journal of Low Temperature Physics</i> , 2005, 138, 899-903.	1.4	8
142	Cupric oxide nanoparticles in SiO_2 fabricated by copper-ion implantation combined with thermal oxidation. <i>Applied Physics Letters</i> , 2005, 87, 153105.	3.3	31
143	Nonlinear Conductivity of the Two-dimensional Wigner Solid on the Free Surface of Normal and Superfluid ^3He . <i>Journal of the Physical Society of Japan</i> , 2005, 74, 960-969.	1.6	12
144	Nonlinear Wigner Solid Transport on the Free Surface of Normal and Superfluid ^3He . <i>Physical Review Letters</i> , 2004, 93, 176805.	7.8	12

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145	Measurement of Superfluid ³ He Film Flow by Inter-digitated Capacitors. Journal of Low Temperature Physics, 2004, 134, 357-362.	1.4	7
146	Two-Dimensional Coulomb Liquids and Solids. Springer Series in Solid-state Sciences, 2004, , .	0.3	172
147	Study of dynamical properties of superfluid film flow by inter-digitated capacitors. Physica B: Condensed Matter, 2003, 329-333, 131-132.	2.7	7
148	Nonlinear transport of ions trapped below the free surface of superfluid. Physica B: Condensed Matter, 2003, 329-333, 346-347.	2.7	6
149	Mixing 2D electrons and atomic hydrogen on the liquid helium surface. Physica B: Condensed Matter, 2003, 329-333, 415-418.	2.7	4
150	Cold electron attachment to atomic hydrogen on liquid helium surface. Physica B: Condensed Matter, 2003, 329-333, 439-440.	2.7	4
151	Transport property of surface state electrons on the rotating superfluid. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 175-176.	2.7	1
152	Detrapping aspects of ripplonic polarons on a liquid helium film. Physical Review B, 2002, 65, .	3.2	4
153	First Mobility Measurement of Ions Trapped Below the Normal and Superfluid ³ He Surface. Journal of Low Temperature Physics, 2002, 126, 493-498.	1.4	7
154	Transverse Optical Resonance of Wigner Solid as a Sensitive Probe of Liquid Helium Surface. Journal of Low Temperature Physics, 2002, 126, 97-102.	1.4	1
155	Dynamic Surface Properties of Liquid ³ He Probed by Surface State Electrons. Journal of Low Temperature Physics, 2002, 126, 467-476.	1.4	7
156	High-Frequency Conductivity and Phonon Damping of a Two-Dimensional Wigner Solid on a Free Surface of Liquid ³ He. Journal of the Physical Society of Japan, 2001, 70, 1617-1626.	1.6	6
157	Surface Fluctuations of Normal and Superfluid ³ He Probed by Wigner Solid Dynamics. Physical Review Letters, 2001, 86, 4064-4067.	7.8	13
158	Electrons on superfluid ³ He. Physica B: Condensed Matter, 2000, 280, 112-116.	2.7	8
159	Frequency dependence of third-sound attenuation near the Kosterlitz-Thouless transition. Physica B: Condensed Matter, 2000, 284-288, 127-128.	2.7	0
160	Chemical reaction between hydrogen atoms and electrons on the surface of superfluid ⁴ He. Physica B: Condensed Matter, 2000, 284-288, 164-165.	2.7	7
161	Wigner solid on the free surface of superfluid ³ He-A. Physica B: Condensed Matter, 2000, 284-288, 277-278.	2.7	7
162	Experimental study of the surface properties of superfluid and normal ³ He by plasma resonance of Wigner solid. Physica B: Condensed Matter, 2000, 284-288, 279-280.	2.7	2

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163	Search for short-wavelength surface waves on a superfluid 3He film. Physica B: Condensed Matter, 2000, 284-288, 281-282.	2.7	0
164	Chemical reaction of surface state electrons on liquid helium with atomic hydrogen. Physica E: Low-Dimensional Systems and Nanostructures, 2000, 6, 880-883.	2.7	2
165	Radiation-induced Conductivity and Simultaneous Photoconductivity Suppression in 6H-SiC under 17 MeV Proton Irradiation. Materials Science Forum, 2000, 338-342, 977-980.	0.3	2
166	Fluctuation properties of third sound transmission in random media. Physica B: Condensed Matter, 1999, 263-264, 373-375.	2.7	0
167	Plasma Resonance of the Wigner Solid on the Free Surface of Normal and Superfluid 3He. Journal of Low Temperature Physics, 1998, 113, 1103-1108.	1.4	9
168	Conductivity of the Wigner Solid on the Free Surface of Superfluid 3He-B. Journal of Low Temperature Physics, 1998, 110, 179-184.	1.4	5
169	Wigner solid dynamics on normal and superfluid 3He. Physica B: Condensed Matter, 1998, 249-251, 636-639.	2.7	6
170	Nonlinear quantum magnetotransport in a strongly correlated two-dimensional electron liquid. Physical Review B, 1998, 58, 3762-3776.	3.2	5
171	Inelastic Quantum Magnetotransport in a Highly Correlated Two-Dimensional Electron Liquid. Physical Review Letters, 1997, 78, 2445-2448.	7.8	27
172	Wigner Solid on the Free Surface of Superfluid 3He. Physical Review Letters, 1997, 79, 4218-4221.	7.8	39
173	Persistent Excited Conductivity Induced by Proton Irradiation in a-Si:H. Materials Science Forum, 1997, 258-263, 599-604.	0.3	6
174	Damping of Edge Magnetoplasmons and Quantum Transport of Surface-State Electrons on Liquid Helium. Journal of the Physical Society of Japan, 1997, 66, 533-536.	1.6	5
175	Quantum magnetotransport in a highly correlated two-dimensional electron liquid on a superfluid helium surface. Low Temperature Physics, 1997, 23, 472-479.	0.6	1
176	Dynamic Properties of the Two-Dimensional Wigner Solid on the Surface of Normal and Superfluid 3He. Journal of the Physical Society of Japan, 1997, 66, 3901-3907.	1.6	25
177	Nonlinear Transport of the Electron Crystal. Physics and Chemistry of Materials With Low-dimensional Structures, 1997, , 175-189.	1.0	1
178	Sliding of the Wigner solid on liquid helium. Surface Science, 1996, 361-362, 826-830.	1.9	11
179	Sliding dynamics of the electron crystal on liquid helium: A pulsed study. European Physical Journal D, 1996, 46, 337-338.	0.4	4
180	Edge magnetoplasmons on a liquid helium surface and quantum transport in a high magnetic field. European Physical Journal D, 1996, 46, 339-340.	0.4	3

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181	Transport properties of the Wigner solid on liquid ³ He. European Physical Journal D, 1996, 46, 341-342.	0.4	12
182	Third sound propagation in quasicrystals. Physica B: Condensed Matter, 1996, 219-220, 332-335.	2.7	0
183	Dynamics of the sliding transition in the Wigner solid on liquid ⁴ He. Physica B: Condensed Matter, 1996, 219-220, 666-668.	2.7	0
184	Sliding wigner solid on liquid ⁴ He. Journal of Low Temperature Physics, 1996, 104, 237-264.	1.4	48
185	Third sound in one and two dimensional modulated structures. Journal of Low Temperature Physics, 1996, 102, 359-364.	1.4	1
186	Sliding of the wigner solid from the coupled plasmon-ripplon surface deformation. Journal of Low Temperature Physics, 1995, 101, 433-438.	1.4	5
187	Surface study of liquid ³ He using surface state electrons. Journal of Low Temperature Physics, 1995, 101, 439-444.	1.4	60
188	Acoustic Transmission Spectra in the Penrose Lattice. Physical Review Letters, 1995, 75, 3106-3109.	7.8	5
189	Dynamical Transition in the Wigner Solid on a Liquid Helium Surface. Physical Review Letters, 1995, 74, 781-784.	7.8	99
190	Irradiation Temperature Dependence of Residual Defects in 17MeV-Proton Bombarded Silicon. Materials Science Forum, 1995, 196-201, 1159-1164.	0.3	9
191	Superconductivity in $\hat{I}\pm$ -(BEDT-TTF) ₂ MHg(SCN) ₄ (M=K, Rb, Tl, NH ₄). Synthetic Metals, 1995, 70, 899-902.	3.9	21
192	Third Sound of Superfluid ⁴ He Films in the Penrose Lattice. Materials Science Forum, 1994, 150-151, 473-480.	0.3	2
193	On superconductivity of the organic conductor $\hat{I}\pm$ -(BEDT-TTF) ₂ KHg(SCN) ₄ . Solid State Communications, 1993, 85, 1005-1009.	1.9	29
194	Interaction between third sound and surface irregularities. Surface Science, 1993, 283, 414-418.	1.9	2
195	Surface state electrons on quench-condensed hydrogen films as a surface probe. Surface Science, 1993, 283, 423-426.	1.9	4
196	Helium-film-induced retrapping transition in the two-dimensional electron system above an uneven solid-hydrogen surface. Physical Review B, 1993, 47, 13812-13817.	3.2	24
197	Resonant transmission and velocity renormalization of third sound in one-dimensional random lattices. Physical Review Letters, 1992, 69, 1185-1188.	7.8	15
198	Third-Sound Propagation in a Thue-Morse Lattice. Journal of the Physical Society of Japan, 1992, 61, 173-179.	1.6	6

#	ARTICLE	IF	CITATIONS
199	New application of third sound for the study of quasiperiodic systems. Journal of Low Temperature Physics, 1992, 89, 573-576.	1.4	0
200	Possible correlation effects of surface state electrons on a solid hydrogen film. Journal of Low Temperature Physics, 1992, 89, 743-746.	1.4	2
201	Transmission Gaps of Third Sound on a Periodic Substrate. Journal of the Physical Society of Japan, 1991, 60, 364-367.	1.6	8
202	Transmission Spectra of Third Sound in a Fibonacci Lattice. Journal of the Physical Society of Japan, 1991, 60, 368-371.	1.6	39
203	Surface-state electrons on a hydrogen film. 1. Annealing of the film. Journal of Low Temperature Physics, 1991, 82, 279-293.	1.4	20
204	Surface state electrons on a hydrogen film. 2. Influence of adsorbed helium films. Journal of Low Temperature Physics, 1991, 85, 423-444.	1.4	12
205	Surface state electrons on solid hydrogen films. Physica B: Condensed Matter, 1990, 165-166, 841-842.	2.7	6
206	Experimental Study on Coupled Plasmon-Ripplon Resonances and the Debye-Waller Factor of the Wigner Crystal. Journal of the Physical Society of Japan, 1987, 56, 1111-1122.	1.6	6
207	Splash Produced by a Smooth Sphere or Circular Cylinder Striking a Liquid Surface. Journal of the Physical Society of Japan, 1987, 56, 2733-2743.	1.6	5
208	Restitution Coefficient in a Collision between Two Spheres. Japanese Journal of Applied Physics, 1987, 26, 1230-1233.	1.5	505
209	Pulse Fourier transform method to study coupled plasmon-ripplon mode. Surface Science, 1986, 170, 75-79.	1.9	1
210	Water waves in a ripple tank. American Journal of Physics, 1986, 54, 1002-1007.	0.7	12
211	Temperature dependence of third-sound velocity in the vicinity of T_c . Journal of Low Temperature Physics, 1984, 57, 319-330.	1.4	2
212	Anomalous Motion of a Sphere Falling through Water. Journal of the Physical Society of Japan, 1983, 52, 3373-3381.	1.6	5
213	Evidence for correlation effects in escape rate of 2D electrons on liquid He. Surface Science Letters, 1982, 113, A32.	0.1	0
214	Escape rate of surface state electrons on liquid helium below 1 K. Journal of Low Temperature Physics, 1982, 46, 195-203.	1.4	10
215	Anomalous Propagation of Short-Wavelength Third Sound. Journal of the Physical Society of Japan, 1981, 50, 721-722.	1.6	14
216	Electron escape from the image-potential-induced surface states on liquid helium. Journal of Low Temperature Physics, 1980, 38, 293-310.	1.4	34

#	ARTICLE	IF	CITATIONS
217	Electron escape from the image-potential-induced surface states on liquid helium. Surface Science, 1980, 98, 17-21.	1.9	6
218	Escape rate of two-dimensional electrons on a liquid helium surface around 1 K. Journal of Low Temperature Physics, 1979, 34, 539-550.	1.4	15
219	Escape rate of two-dimensional electrons on liquid helium surface. Solid State Communications, 1978, 27, 1379-1383.	1.9	11