

Kensuke Kobayashi

List of Publications by Year in descending order

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214
papers

7,146
citations

61984

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219
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219
docs citations

219
times ranked

6563
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning of the Fano Effect through a Quantum Dot in an Aharonov-Bohm Interferometer. Physical Review Letters, 2002, 88, 256806.	7.8	520
2	Electrical switching of the vortex core in a magnetic disk. Nature Materials, 2007, 6, 270-273.	27.5	464
3	Electrical control of the ferromagnetic phase transition in cobalt at room temperature. Nature Materials, 2011, 10, 853-856.	27.5	398
4	Observation of the intrinsic pinning of a magnetic domain wall in a ferromagnetic nanowire. Nature Materials, 2011, 10, 194-197.	27.5	302
5	Fano resonance in a quantum wire with a side-coupled quantum dot. Physical Review B, 2004, 70, .	3.2	246
6	Current-Driven Resonant Excitation of Magnetic Vortices. Physical Review Letters, 2006, 97, 107204.	7.8	194
7	Mesoscopic Fano effect in a quantum dot embedded in an Aharonov-Bohm ring. Physical Review B, 2003, 68, .	3.2	155
8	Large positive magnetoresistive effect in silicon induced by the space-charge effect. Nature, 2009, 457, 1112-1115.	27.8	149
9	Electric-field control of magnetic domain-wall velocity in ultrathin cobalt with perpendicular magnetization. Nature Communications, 2012, 3, 888.	12.8	149
10	Nature of the Well Screened State in Hard X-Ray Mn2pCore-Level Photoemission Measurements of La _{1-x} Sr _x MnO ₃ Films. Physical Review Letters, 2004, 93, 236401.	7.8	141
11	Doping Dependent Density of States and Pseudogap Behavior in La _{2-x} Sr _x CuO ₄ . Physical Review Letters, 1998, 81, 2124-2127.	7.8	138
12	Observation of the Fano-Kondo Antiresonance in a Quantum Wire with a Side-Coupled Quantum Dot. Physical Review Letters, 2005, 95, 066801.	7.8	135
13	Electrical control of Curie temperature in cobalt using an ionic liquid film. Applied Physics Letters, 2012, 100, .	3.3	128
14	Spectral weight transfer and mass renormalization in Mott-Hubbard systems SrVO ₃ and CaVO ₃ : Influence of long-range Coulomb interaction. Physical Review B, 1995, 52, 13711-13714.	3.2	126
15	Temperature-dependent photoemission spectral weight in La _{0.6} Sr _{0.4} MnO ₃ . Physical Review B, 1996, 53, 6873-6876.	3.2	107
16	Nonreciprocal emission of spin-wave packet in FeNi film. Applied Physics Letters, 2010, 97, .	3.3	100
17	Nonequilibrium Fluctuation Relations in a Quantum Coherent Conductor. Physical Review Letters, 2010, 104, 080602.	7.8	96
18	Snell's Law for Spin Waves. Physical Review Letters, 2016, 117, 037204.	7.8	87

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19	Spin-orbit localization and conductance fluctuation in a submicrometer-sized wire of epitaxial Bi ₂ Se ₃ . Physical Review B, 2012, 85, .	3.2	83
20	Switching magnetic vortex core by a single nanosecond current pulse. Applied Physics Letters, 2008, 93, .	3.3	82
21	Band bending and surface defects in $\text{In}^2\text{-Ga}_2\text{O}_3$. Applied Physics Letters, 2012, 100, .	3.3	82
22	Experimentally constrained density-functional calculations of the amorphous structure of the prototypical phase-change material Ge ₂ Sb ₂ Te ₅ . Physical Review B, 2009, 80, .	3.2	77
23	Evolution of the Kondo Effect in a Quantum Dot Probed by Shot Noise. Physical Review Letters, 2011, 106, 176601.	7.8	75
24	Magnetic properties and stability of L21 and B2 phases in the Co ₂ MnAl Heusler alloy. Journal of Applied Physics, 2008, 103, .	2.5	74
25	Time-Domain Measurement of Current-Induced Spin Wave Dynamics. Physical Review Letters, 2012, 108, 017203.	7.8	72
26	Interface properties of magnetic tunnel junction La _{0.7} Bi _{0.3} . Physical Review B, 2010, 82, .	3.2	71
27	Spin-orbit induced electronic spin separation in semiconductor nanostructures. Nature Communications, 2012, 3, 1082.	12.8	68
28	Electronic structure in the band gap of lightly doped SrTiO ₃ by high-resolution x-ray absorption spectroscopy. Physical Review B, 2000, 61, 12860-12863.	3.2	67
29	Universality of non-equilibrium fluctuations in strongly correlated quantum liquids. Nature Physics, 2016, 12, 230-235.	16.7	66
30	Observation of boron diffusion in an annealed Ta/CoFeB/MgO magnetic tunnel junction with standing-wave hard x-ray photoemission. Applied Physics Letters, 2012, 101, .	3.3	64
31	Oxygen migration at Pt/HfO ₂ /Pt interface under bias operation. Applied Physics Letters, 2010, 97, .	3.3	59
32	Low-Energy Electronic Structure of the Kondo Insulator YbB ₁₂ . Physical Review Letters, 1996, 77, 4269-4272.	7.8	58
33	Large decrease in the critical temperature of superconducting LaFeAsO _{0.85} compounds doped with 3% atomic weight of nonmagnetic Zn impurities. Physical Review B, 2010, 82, .	3.2	58
34	Probing the Spin Polarization of Current by Soft X-Ray Imaging of Current-Induced Magnetic Vortex Dynamics. Physical Review Letters, 2008, 101, 237203.	7.8	56
35	Bias application hard x-ray photoelectron spectroscopy study of forming process of Cu/HfO ₂ /Pt resistive random access memory structure. Applied Physics Letters, 2011, 99, .	3.3	56
36	Single-Particle Excitations in One-Dimensional Mott-Hubbard Insulator NaV ₂ O ₅ . Physical Review Letters, 1998, 80, 3121-3124.	7.8	55

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37	All-electrical operation of magnetic vortex core memory cell. Applied Physics Letters, 2011, 99, .	3.3	54
38	Temperature-dependent valence-band photoemission spectra of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. Physical Review B, 1997, 56, 8836-8840.	3.2	52
39	Current-induced magnetic domain wall motion below intrinsic threshold triggered by Walker breakdown. Nature Nanotechnology, 2012, 7, 635-639.	31.5	52
40	Magnetic properties, phase stability, electronic structure, and half-metallicity of L_{2-1}		

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55	Insulating state of ultrathin epitaxial LaNiO ₃ thin films detected by hard x-ray photoemission. Physical Review B, 2011, 84, .	3.2	35
56	Finite Temperature Effects in a One-Dimensional Mott-Hubbard Insulator: Angle-Resolved Photoemission Study of Na _{0.96} V ₂ O ₅ . Physical Review Letters, 1999, 82, 803-806.	7.8	34
57	Breakdown of phase rigidity and variations of the Fano effect in closed Aharonov-Bohm interferometers. Physical Review B, 2006, 73, .	3.2	34
58	Quantum Fluctuations along Symmetry Crossover in a Kondo-Correlated Quantum Dot. Physical Review Letters, 2017, 118, 196803.	7.8	33
59	Electronic structure of the strongly hybridized ferromagnet CeFe ₂ . Physical Review B, 2000, 62, 14304-14312.	3.2	30
60	Band offsets in complex-oxide thin films and heterostructures of SrTiO ₃ /LaNiO ₃ and SrTiO ₃ /GdTiO ₃ by soft and hard X-ray photoelectron spectroscopy. Journal of Applied Physics, 2013, 113, .	2.5	29
61	Shot Noise Induced by Nonequilibrium Spin Accumulation. Physical Review Letters, 2015, 114, 016601.	7.8	28
62	Edge mixing dynamics in graphene p-n junctions in the quantum Hall regime. Nature Communications, 2015, 6, 8066.	12.8	28
63	Electronic structure of Mott-Hubbard-type transition-metal oxides. Journal of Electron Spectroscopy and Related Phenomena, 2001, 117-118, 277-286.	1.7	27
64	Cryogenic amplifier for shot noise measurement at 20 mK. Applied Physics Letters, 2013, 103, .	3.3	27
65	Photoemission study of Ni borocarbides: Superconducting YNi ₂ B ₂ C and nonsuperconducting LaNi ₂ B ₂ C. Physical Review B, 1996, 54, 507-514.	3.2	26
66	Three-Terminal Device Based on the Current-Induced Magnetic Vortex Dynamics with the Magnetic Tunnel Junction. Applied Physics Express, 0, 1, 091302.	2.4	26
67	Electronic structure of delta-doped LaSrTiO ₃ layers by hard x-ray photoelectron spectroscopy. Applied Physics Letters, 2012, 100, 261603.	3.3	25
68	Bolometric detection of quantum shot noise in coupled mesoscopic systems. Physical Review B, 2008, 78, .	3.2	24
69	Structure and magnetism of the postlayered perovskite SrCo ₃ Physical Review B, 2008, 78, .	3.2	24
70	Photoelectron spectroscopic study of band alignment of polymer/ZnO photovoltaic device structure. Applied Physics Letters, 2013, 102, .	3.3	24
71	Universality of bias- and temperature-induced dephasing in ballistic electronic interferometers. Physical Review B, 2009, 79, .	3.2	23
72	Sub-Poissonian shot noise in CoFeB/MgO/CoFeB-based magnetic tunneling junctions. Applied Physics Letters, 2011, 98, .	3.3	23

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73	Low-frequency and shot noises in CoFeB/MgO/CoFeB magnetic tunneling junctions. Physical Review B, 2012, 86, .	3.2	23
74	Enhancement of coercive field in atomically-thin quenched Fe ₅ GeTe ₂ . Applied Physics Express, 2020, 13, 043005.	2.4	23
75	Measurement for quantum shot noise in a quantum point contact at low temperatures. Journal of Physics: Conference Series, 2008, 109, 012013.	0.4	22
76	Dynamic nuclear spin polarization in an all-semiconductor spin injection device with (Ga,Mn)As/n-GaAs spin Esaki diode. Applied Physics Letters, 2012, 101, .	3.3	22
77	Hard x-ray photoelectron spectroscopy study on band alignment at poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate)/ZnO interface. Applied Physics Letters, 2012, 101, .	3.3	21
78	Shot Noise in Mesoscopic Systems: From Single Particles to Quantum Liquids. Journal of the Physical Society of Japan, 2021, 90, 102001.	1.6	21
79	Magnetic properties and phase stability of L21 phase in Co ₂ Mn(Ga _{1-x} Z _x) (Z=Si, Ge, and Sn) Heusler alloys. Applied Physics Letters, 2010, 96, 222507.	3.3	20
80	Observation of full shot noise in CoFeB/MgO/CoFeB-based magnetic tunneling junctions. Applied Physics Letters, 2010, 96, .	3.3	20
81	Interference Effect in Multilevel Transport through a Quantum Dot. Journal of the Physical Society of Japan, 2004, 73, 3235-3238.	1.6	19
82	Noise measurement system at electron temperature down to 20 mK with combinations of the low pass filters. Review of Scientific Instruments, 2009, 80, 096105.	1.3	19
83	Conductance anomaly and Fano factor reduction in quantum point contacts. Physical Review B, 2009, 79, .	3.2	19
84	Experimental proof of universal conductance fluctuation in quasi-one-dimensional epitaxial BiMn ₂ spectra of Mn ²⁺ ions. Physical Review B, 2009, 80, .	3.2	18
85	Interface structure and the chemical states of Pt film on polar-ZnO single crystal. Applied Physics Letters, 2009, 94, 221904.	3.3	18
86	Real-time observation of electrical vortex core switching. Applied Physics Letters, 2013, 102, .	3.3	17
87	Experimental proof of universal conductance fluctuation in quasi-one-dimensional epitaxial BiMn ₂ Se ₃ wires. Physical Review B, 2013, 88, .	3.2	17
88	Enhanced Shot Noise of Multiple Andreev Reflections in a Carbon Nanotube Quantum Dot in SU(2) and SU(4) Kondo regimes. Physical Review Letters, 2018, 121, 247703.	7.8	17
89	Empirical relationship between x-ray photoemission spectra and electrical conductivity in a colossal magnetoresistive manganite La _{1-x} Sr _x MnO ₃ . Journal of Applied Physics, 2013, 113, .	2.5	17
90	Current-induced switching of magnetic vortex core in ferromagnetic elliptical disks. Applied Physics Letters, 2010, 96, .	3.3	16

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91	Real-time observation of Snell's law for spin waves in thin ferromagnetic films. Applied Physics Express, 2014, 7, 053001.	2.4	16
92	First Determination of the Level Structure of an sd-Shell Hypernucleus, ${}^{\Lambda}19$. Physical Review Letters, 2018, 120, 132505.	7.8	16
93	Negative resistance state in superconducting NbSe ₂ induced by surface acoustic waves. Science Advances, 2020, 6, .	10.3	16
94	Observation of magnon Hall-like effect for sample-edge scattering in unsaturated YIG. Physica Status Solidi (B): Basic Research, 2016, 253, 783-787.	1.5	15
95	Butterfly-shaped magnetoresistance in van der Waals ferromagnet Fe ₅ GeTe ₂ . AIP Advances, 2021, 11, .	1.3	15
96	Precise Measurement of Differential Cross Sections of the $\hat{\mathbf{z}} \cdot \hat{\mathbf{p}}$ Reaction in Momentum Range $0 < p < p_{\text{max}}$. Physical Review Letters, 2019, 123, 152501.	7.8	15
97	Pt and Sn Doped Sputtered CeO ₂ Electrodes for Fuel Cell Applications. Fuel Cells, 2010, 10, 139-144.	2.4	14
98	Shot noise induced by electron-nuclear spin-flip scattering in a nonequilibrium quantum wire. Physical Review B, 2012, 85, .	3.2	14
99	Vector magnetometry using perfectly aligned nitrogen-vacancy center ensemble in diamond. Applied Physics Letters, 2021, 118, .	3.3	14
100	Doping dependence of the electronic structure of Ba _{1-x} KxBiO ₃ studied by x-ray-absorption spectroscopy. Physical Review B, 1999, 59, 15100-15106.	3.2	13
101	Non Local Spin Detection in Ferromagnet/Superconductor/Ferromagnet Spin-Valve Device with Double-Tunnel Junctions. Japanese Journal of Applied Physics, 2006, 45, 2888-2891.	1.5	13
102	Hard x-ray photoemission study of near-Heusler Fe _x Si _{1-x} alloys. Physical Review B, 2011, 83, .	3.2	13
103	Charge ordering and chemical potential shift in La _{2-x} Sr _x NiO ₄ studied by photoemission spectroscopy. Physical Review B, 2000, 61, 15515-15518.	3.2	12
104	Development of a measurement system for quantum shot noise at low temperatures. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 182-185.	0.8	12
105	Mn incorporation into the GaAs lattice investigated by hard x-ray photoelectron spectroscopy and diffraction. Physical Review B, 2011, 83, .	3.2	12
106	Shot noise suppression in InGaAs/InGaAsP quantum channels. Applied Physics Letters, 2012, 100, .	3.3	12
107	Nondestructive characterization of a TiN metal gate: Chemical and structural properties by means of standing-wave hard x-ray photoemission spectroscopy. Journal of Applied Physics, 2012, 112, .	2.5	12
108	Avalanche electron bunching in a Corbino disk in the quantum Hall effect breakdown regime. Physical Review B, 2014, 89, .	3.2	12

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109	Soft-x-ray-emission studies of YNi ₂ B ₂ C and LaNi ₂ B ₂ C: Observation of the B ₂ and C ₂ partial density of states. <i>Physical Review B</i> , 1995, 52, 15082-15085.	3.2	11
110	Disorder effects in the bipolaron system Ti ₄ O ₇ studied by photoemission spectroscopy. <i>Europhysics Letters</i> , 2002, 59, 868-874.	2.0	11
111	Superconducting properties of the oxygen-deficient iron oxyarsenide TbFeAsO _{1-x} from underdoped to overdoped compositions. <i>Physical Review B</i> , 2009, 80, .	3.2	11
112	Anomalous behavior of $1/f$ noise in graphene near the charge neutrality point. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	11
113	Development of a Superconducting Joint Resistance Evaluation System. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, 30, 1-4.	1.7	11
114	Signature of Coherent Transport in Epitaxial Spinel-Based Magnetic Tunnel Junctions Probed by Shot Noise Measurement. <i>Applied Physics Express</i> , 2012, 5, 053003.	2.4	11
115	Space-charge-effect-induced large magnetoresistance in silicon. <i>Journal of Physics: Conference Series</i> , 2009, 193, 012001.	0.4	10
116	Electrical Detection of Vortex Core Polarity in Ferromagnetic Disk. <i>Applied Physics Express</i> , 2010, 3, 053001.	2.4	10
117	Superconductor to Mott insulator transition in YBa ₂ Cu ₃ O ₇ /LaCaMnO ₃ heterostructures. <i>Scientific Reports</i> , 2016, 6, 33184.	3.3	10
118	Hard x-ray photoemission spectroscopic investigation of palladium catalysts immobilized on a GaAs(001) surface. <i>Journal of Applied Physics</i> , 2010, 108, .	2.5	9
119	Work fluctuation theorem for a classical circuit coupled to a quantum conductor. <i>Physical Review B</i> , 2012, 86, .	3.2	9
120	Observation of finite excess noise in the voltage-biased quantum Hall regime as a precursor for breakdown. <i>Physical Review B</i> , 2013, 87, .	3.2	9
121	What can we learn from noise? "Mesoscopic nonequilibrium statistical physics". <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2016, 92, 204-221.	3.8	9
122	Field-Enhanced Kondo Correlations in a Half-Filling Nanotube Dot: Evolution of an SU(N) Fermi-Liquid Fixed Point. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 094718.	1.6	9
123	Field-induced SU(4) to SU(2) Kondo crossover in a half-filling nanotube dot: Spectral and finite-temperature properties. <i>Physical Review B</i> , 2020, 102, .	3.2	9
124	Three-body correlations in nonlinear response of correlated quantum liquid. <i>Nature Communications</i> , 2021, 12, 3233.	12.8	9
125	Quantum coherence in quantum dot "Aharonov-Bohm ring hybrid systems. <i>Superlattices and Microstructures</i> , 2003, 34, 151-157.	3.1	8
126	Investigation of the near-surface structures of polar InN films by chemical-state-discriminated hard X-ray photoelectron diffraction. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	8

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127	Doped Germanate-Based Apatites as Electrolyte for Use in Solid Oxide Fuel Cells. <i>Fuel Cells</i> , 2014, 14, 144-152.	2.4	8
128	Micromagnetic simulation of spin wave propagation in a ferromagnetic film with different thicknesses. <i>Journal of the Magnetism Society of Japan</i> , 2015, 39, 151-155.	0.9	8
129	Hard X-ray photoemission study of Mn 2p core-levels of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ thin films. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 144-147, 557-559.	1.7	7
130	Parity effect of bipolar quantum Hall edge transport around graphene antidots. <i>Scientific Reports</i> , 2015, 5, 11723.	3.3	7
131	Finite shot noise and electron heating at quantized conductance in high-mobility quantum point contacts. <i>Physical Review B</i> , 2016, 93, .	3.2	7
132	Fano effect in the transport of an artificial molecule. <i>Physical Review B</i> , 2018, 97, .	3.2	7
133	High-temperature-tolerable superconducting Nb-alloy and its application to Pb- and Cd-free superconducting joints between NbTi and Nb ₃ Sn wires. <i>Journal of Materials Science</i> , 2021, 56, 20197-20207.	3.7	7
134	Photoemission and inverse-photoemission study of ferromagnetic valence fluctuating system CeFe ₂ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1998, 88-91, 303-307.	1.7	6
135	Magnetization reversal in a ferromagnetic circular dot under current induced resonant excitation. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 2351-2352.	2.3	6
136	Temperature dependence of the visibility in an electronic Mach-Zehnder interferometer. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2010, 42, 1091-1094.	2.7	6
137	Valence band structure of III-V nitride films characterized by hard X-ray photoelectron spectroscopy. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2010, 7, 1903-1905.	0.8	6
138	Schottky barrier height behavior of Pt-Ru alloy contacts on single-crystal n-ZnO. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	6
139	Delta-doped epitaxial La:SrTiO ₃ field-effect transistor. <i>Applied Physics Letters</i> , 2011, 98, 242113.	3.3	6
140	Fabrication of thin films of two-dimensional triangular antiferromagnet Ag ₂ CrO ₂ and their transport properties. <i>AIP Advances</i> , 2018, 8, .	1.3	6
141	Quantum oscillations with magnetic hysteresis observed in CeTe ₃ thin films. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	6
142	Butterfly-shaped magnetoresistance in triangular-lattice antiferromagnet Ag ₂ CrO ₂ . <i>Scientific Reports</i> , 2020, 10, 2525.	3.3	6
143	Shubnikov-de-Haas oscillation and possible modification of effective mass in CeTe ₃ thin films. <i>AIP Advances</i> , 2021, 11, 015005.	1.3	6
144	Synthesis and Superconducting Properties of the Iron Oxyarsenide $\text{TbFeAsO}_{0.85}$. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 155-157.	1.6	6

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145	Susakiet al.Reply:. Physical Review Letters, 1997, 78, 1832-1832.	7.8	5
146	Angle resolved photoemission study of the spin-Peierls system $\text{Li}^{\pm}\text{NaV}_2\text{O}_5$. Journal of Electron Spectroscopy and Related Phenomena, 1998, 92, 87-90.	1.7	5
147	Electronic structure of the Chevrel-phase compounds $\text{Sn}_x\text{Mo}_6\text{Se}_7.5$: Photoemission spectroscopy and band-structure calculations. Physical Review B, 2001, 63, .	3.2	5
148	Tunable Fano system: a quantum dot embedded in an Aharonov-Bohm ring. Physica E: Low-Dimensional Systems and Nanostructures, 2003, 18, 56-59.	2.7	5
149	Intersubband electronic Raman scattering in narrow GaAs single quantum wells dominated by single-particle excitations. Physical Review B, 2004, 70, .	3.2	5
150	Observation of magnetic domain-wall dynamics transition in Co/Ni multilayered nanowires. Applied Physics Letters, 2012, 101, 022407.	3.3	5
151	Giant Fano factor and bistability in a Corbino disk in the quantum Hall effect breakdown regime. Journal of Physics Condensed Matter, 2016, 28, 055801.	1.8	5
152	Electronic structure of the "heavy-fermion" systems LiV_2O_4 . Physica B: Condensed Matter, 2000, 281-282, 28-29.	2.7	4
153	p-Type α -Si:H/ZnO:Al and $\frac{1}{4}$ c-Si:H/ZnO:Al Thin-Film Solar Cell Structures—A Comparative Hard X-Ray Photoelectron Spectroscopy Study. IEEE Journal of Photovoltaics, 2013, 3, 483-487.	2.5	4
154	Switching of magnetic vortex core in elliptical disks by nanosecond field pulses. Applied Physics Express, 2014, 7, 063008.	2.4	4
155	Electrical contacts to thin layers of $\text{Bi}_2/\text{Sr}_2/\text{CaCu}_2/\text{O}_{8+\delta}$. Applied Physics Express, 2018, 11, 053201.	2.4	4
156	Cryogenic GaAs high-electron-mobility-transistor amplifier for current noise measurements. Review of Scientific Instruments, 2021, 92, 023910.	1.3	4
157	Negative correlation between the linear and the nonlinear conductance in magnetic tunnel junctions. Physical Review B, 2021, 103, .	3.2	4
158	Operation of Multi-MPPC System for Cylindrical Scintillation Fiber Tracker. , 2019, , .		4
159	Spectral weight transfer and mass renormalization in $\text{LnNi}_2\text{B}_2\text{C}$ ($\text{Ln} = \text{Y}, \text{La}$). Journal of Physics and Chemistry of Solids, 1995, 56, 1875-1876.	4.0	3
160	Collective and single-particle intersubband excitations in narrow quantum wells selected by infrared absorption and resonant Raman scattering. Physical Review B, 2006, 74, .	3.2	3
161	Chemical potential shift of Fe by hard x-ray photoemission. Physical Review B, 2008, 78, .	3.2	3
162	Leak current estimated from the shot noise in magnetic tunneling junctions. Applied Physics Letters, 2014, 105, 042405.	3.3	3

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163	Status of the J-PARC E07, Systematic Study of Double Strangeness Nuclei with the Hybrid Emulsion Method. , 2019, , .		3
164	Charge density wave transitions in mechanically-exfoliated NbSe ₃ devices. Japanese Journal of Applied Physics, 2021, 60, 070904.	1.5	3
165	In-Field Evaluation of REBCO Superconducting Joint. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	3
166	Photoemission and inverse-photoemission study of CeNiSn. Journal of Electron Spectroscopy and Related Phenomena, 1998, 88-91, 411-414.	1.7	2
167	Reduction of quantum decoherence in non-local resistance measurement. Microelectronic Engineering, 2002, 63, 53-56.	2.4	2
168	Suppression of Quantum Decoherence in an Aharonov-Bohm Ring. Journal of the Physical Society of Japan, 2003, 72, 5-6.	1.6	2
169	Mesoscopic Fano effect through a quantum dot in an Aharonov-Bohm ring. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 468-473.	2.7	2
170	Experimental detection of domain wall propagation above the Walker field. Journal of Physics Condensed Matter, 2012, 24, 024217.	1.8	2
171	Direct extraction of electron parameters from magnetoconductance analysis in mesoscopic ring array structures. Physical Review B, 2018, 97, .	3.2	2
172	Gamma-ray spectroscopy of single Λ -hypernuclei at J-PARC: Results and perspective. AIP Conference Proceedings, 2019, , .	0.4	2
173	Spin transport measurements in metallic Bi/Ni nanowires. Applied Physics Express, 2019, 12, 053005.	2.4	2
174	Quantum Noise in Carbon Nanotubes as a Probe of Correlations in the Kondo Regime. Journal of Low Temperature Physics, 2020, 201, 738-771.	1.4	2
175	Generation of multippeak spectrum of spin torque oscillator in non-linear regime. Applied Physics Letters, 2020, 117, .	3.3	2
176	Tunneling mechanism in a (Ga,Mn)As/GaAs-based spin Esaki diode investigated by bias-dependent shot noise measurements. Physical Review B, 2020, 102, .	3.2	2
177	Spin treacle in a frustrated magnet observed with spin current. Physical Review B, 2020, 102, .	3.2	2
178	Conductance quantization and shot noise of a double-layer quantum point contact. Physical Review B, 2020, 101, .	3.2	2
179	Large Zeeman Splitting in Out-of-Plane Magnetic Field in a Double-Layer Quantum Point Contact. Journal of the Physical Society of Japan, 2021, 90, 024709.	1.6	2
180	Thickness-induced crossover from strong to weak collective pinning in exfoliated $\text{FeTe}_{1-x}\text{S}_x$ thin films at 1 T. Physical Review B, 2021, 104, .		

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181	Novel Pb-Free Superconducting Joint Between NbTi and Nb ₃ Sn Wires Using High-Temperature-Tolerable Superconducting Nb ³ Hf Intermedia. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
182	Nonlinear Ĵf model on supergroup. Zeitschrift für Physik C-Particles and Fields, 1986, 30, 643-645.	1.5	1
183	Observation of an enhanced Aharonov-Bohm effect. Journal of Physics and Chemistry of Solids, 2002, 63, 1301-1305.	4.0	1
184	Magnetoresistance anomalies at level crossing in double layer quantum Hall systems. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 64-67.	2.7	1
185	Non-equilibrium dephasing in ballistic interferometers. Journal of Physics: Conference Series, 2009, 193, 012045.	0.4	1
186	p-Type a-Si:H/ZnO:Al and ⁵ c-Si:H/ZnO:Al thin-film solar cell structures; A comparative hard X-ray photoelectron spectroscopy study. , 2013, , .		1
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