

# Kensuke Kobayashi

## List of Publications by Year in descending order

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214  
papers

7,146  
citations

61984

43  
h-index

64796

79  
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219  
all docs

219  
docs citations

219  
times ranked

6563  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of Differential Cross Sections of the $\pi^+p \rightarrow \pi^0 n$ Reaction in Momentum Range $0.1 < p < 1.0$ GeV/c. <i>Physical Review Letters</i> , 2022, 128, 1-4.	7.8	15
2	In-Field Evaluation of REBCO Superconducting Joint. <i>IEEE Transactions on Applied Superconductivity</i> , 2022, 32, 1-4.	1.7	3
3	Novel Pb-Free Superconducting Joint Between NbTi and Nb <sub>3</sub> Sn Wires Using High-Temperature-Tolerable Superconducting Nb <sup>3</sup> Hf Intermedia. <i>IEEE Transactions on Applied Superconductivity</i> , 2022, 32, 1-5.	1.7	2
4	Shubnikov-de-Haas oscillation and possible modification of effective mass in CeTe <sub>3</sub> thin films. <i>AIP Advances</i> , 2021, 11, 015005.	1.3	6
5	Observation of Coulomb-Assisted Nuclear Bound State of $^{14}\text{N} + \alpha$ . <i>Physical Review Letters</i> , 2021, 126, 1-4.	7.8	40
6	Large Zeeman Splitting in Out-of-Plane Magnetic Field in a Double-Layer Quantum Point Contact. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 024709.	1.6	2
7	Butterfly-shaped magnetoresistance in van der Waals ferromagnet Fe <sub>5</sub> GeTe <sub>2</sub> . <i>AIP Advances</i> , 2021, 11, .	1.3	15
8	Cryogenic GaAs high-electron-mobility-transistor amplifier for current noise measurements. <i>Review of Scientific Instruments</i> , 2021, 92, 023910.	1.3	4
9	Establishment of a Modern Experimental Technique of a ( $\Sigma$ p) Scattering Experiment at J-PARC. , 2021, , .		0
10	J-PARC E07: Systematic Study of Double Strangeness System with Hybrid Emulsion Method. , 2021, , .		1
11	Study of ( $\Lambda$ ) Identification Method by the ( $\pi^- p \rightarrow K^0 \Lambda$ ) Reaction for a ( $\Sigma$ p) Scattering Experiment at J-PARC. , 2021, , .		0
12	Three-body correlations in nonlinear response of correlated quantum liquid. <i>Nature Communications</i> , 2021, 12, 3233.	12.8	9
13	Vector magnetometry using perfectly aligned nitrogen-vacancy center ensemble in diamond. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	14
14	Charge density wave transitions in mechanically-exfoliated NbSe <sub>3</sub> devices. <i>Japanese Journal of Applied Physics</i> , 2021, 60, 070904.	1.5	3
15	Negative correlation between the linear and the nonlinear conductance in magnetic tunnel junctions. <i>Physical Review B</i> , 2021, 103, .	3.2	4
16	Shot Noise in Mesoscopic Systems: From Single Particles to Quantum Liquids. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 102001.	1.6	21
17	High-temperature-tolerable superconducting Nb-alloy and its application to Pb- and Cd-free superconducting joints between NbTi and Nb <sub>3</sub> Sn wires. <i>Journal of Materials Science</i> , 2021, 56, 20197-20207.	3.7	7
18	Thickness-induced crossover from strong to weak collective pinning in exfoliated $\text{FeTe}$ thin films at 1 T. <i>Physical Review B</i> , 2021, 104, .	1.2	2

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19	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
20	Multiple modes of a single spin torque oscillator under the non-linear region. AIP Advances, 2020, 10, .	1.3	0
21	Generation of multipeak spectrum of spin torque oscillator in non-linear regime. Applied Physics Letters, 2020, 117, .	3.3	2
22	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
23	Field-induced SU(4) to SU(2) Kondo crossover in a half-filling nanotube dot: Spectral and finite-temperature properties. Physical Review B, 2020, 102, .	3.2	9
24	Spin treacle in a frustrated magnet observed with spin current. Physical Review B, 2020, 102, .	3.2	2
25	Quantum oscillations with magnetic hysteresis observed in CeTe <sub>3</sub> thin films. Applied Physics Letters, 2020, 117, .	3.3	6
26	Etching process of narrow wire and application to tunable-barrier electron pump. Review of Scientific Instruments, 2020, 91, 085110.	1.3	0
27	Negative resistance state in superconducting NbSe <sub>2</sub> induced by surface acoustic waves. Science Advances, 2020, 6, .	10.3	16
28	Enhancement of coercive field in atomically-thin quenched Fe <sub>5</sub> GeTe <sub>2</sub> . Applied Physics Express, 2020, 13, 043005.	2.4	23
29	Development of a Superconducting Joint Resistance Evaluation System. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-4.	1.7	11
30	Conductance quantization and shot noise of a double-layer quantum point contact. Physical Review B, 2020, 101, .	3.2	2
31	Butterfly-shaped magnetoresistance in triangular-lattice antiferromagnet Ag <sub>2</sub> CrO <sub>2</sub> . Scientific Reports, 2020, 10, 2525.	3.3	6
32	Unraveling a concealed resonance by multiple Kondo transitions in a quantum dot. Physical Review B, 2020, 101, .	3.2	1
33	Observation of the magnetization metastable state in a perpendicularly magnetized nanopillar with asymmetric potential landscape. Applied Physics Letters, 2019, 115, 092407.	3.3	0
34	Gamma-ray spectroscopy of single $\hat{\nu}$ -hypernuclei at J-PARC: Results and perspective. AIP Conference Proceedings, 2019, , .	0.4	2
35	New Explorer at Exotic Boundary: How Superconductivity and Quantum Hall Effect Go Together. JPSJ News and Comments, 2019, 16, 01.	0.1	1
36	Observation of a Be double-Lambda hypernucleus in the J-PARC E07 experiment. Progress of Theoretical and Experimental Physics, 2019, 2019, .	6.6	40

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37	Spin transport measurements in metallic Bi/Ni nanowires. Applied Physics Express, 2019, 12, 053005.	2.4	2
38	Status of the J-PARC E07, Systematic Study of Double Strangeness Nuclei with the Hybrid Emulsion Method. , 2019, , .		3
39	Operation of Multi-MPPC System for Cylindrical Scintillation Fiber Tracker. , 2019, , .		4
40	Fabrication of thin films of two-dimensional triangular antiferromagnet Ag <sub>2</sub> CrO <sub>2</sub> and their transport properties. AIP Advances, 2018, 8, .	1.3	6
41	Electrical contacts to thin layers of Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8</sub> + $\delta$ . Applied Physics Express, 2018, 11, 053201.	2.4	4
42	First Determination of the Level Structure of an sd-Shell Hypernucleus, $\Lambda^19$ . Physical Review Letters, 2018, 120, 132505.	7.8	16
43	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
44	Fano effect in the transport of an artificial molecule. Physical Review B, 2018, 97, .	3.2	7
45	Direct extraction of electron parameters from magnetoconductance analysis in mesoscopic ring array structures. Physical Review B, 2018, 97, .	3.2	2
46	Dynamics of pure spin current in high-frequency quantum regime. Applied Physics Express, 2017, 10, 053001.	2.4	1
47	The First Gamma-ray Spectroscopic Study of sd-shell Hypernucleus, ( $\Lambda^19_{\text{ext}}\{F\}$ ). , 2017, , .		0
48	Quantum Fluctuations along Symmetry Crossover in a Kondo-Correlated Quantum Dot. Physical Review Letters, 2017, 118, 196803.	7.8	33
49	High Statistics $\Lambda^19$ Scattering Experiment Using High Intensity Pion Beams at J-PARC. , 2017, , .		1
50	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
51	What can we learn from noise? "Mesoscopic nonequilibrium statistical physics". Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2016, 92, 204-221.	3.8	9
52	Field-Enhanced Kondo Correlations in a Half-Filling Nanotube Dot: Evolution of an SU( $N$ ) Fermi-Liquid Fixed Point. Journal of the Physical Society of Japan, 2016, 85, 094718.	1.6	9
53	Anomalous behavior of $1/f$ noise in graphene near the charge neutrality point. Applied Physics Letters, 2016, 108, .	3.3	11
54	Finite shot noise and electron heating at quantized conductance in high-mobility quantum point contacts. Physical Review B, 2016, 93, .	3.2	7

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55	Snell's Law for Spin Waves. <i>Physical Review Letters</i> , 2016, 117, 037204.	7.8	87
56	Superconductor to Mott insulator transition in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7</sub> /LaCaMnO <sub>3</sub> heterostructures. <i>Scientific Reports</i> , 2016, 6, 33184.	3.3	10
57	Observation of magnon Hall-like effect for sample-edge scattering in unsaturated YIG. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 783-787.	1.5	15
58	Universality of non-equilibrium fluctuations in strongly correlated quantum liquids. <i>Nature Physics</i> , 2016, 12, 230-235.	16.7	66
59	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
60	Shot Noise Induced by Nonequilibrium Spin Accumulation. <i>Physical Review Letters</i> , 2015, 114, 016601.	7.8	28
61	Parity effect of bipolar quantum Hall edge transport around graphene antidots. <i>Scientific Reports</i> , 2015, 5, 11723.	3.3	7
62	Edge mixing dynamics in graphene p-n junctions in the quantum Hall regime. <i>Nature Communications</i> , 2015, 6, 8066.	12.8	28
63	Leak current estimated from the shot noise in magnetic tunneling junctions. <i>Applied Physics Letters</i> , 2014, 105, 042405.	3.3	3
64	Real-time observation of Snell's law for spin waves in thin ferromagnetic films. <i>Applied Physics Express</i> , 2014, 7, 053001.	2.4	16
65	Avalanche electron bunching in a Corbino disk in the quantum Hall effect breakdown regime. <i>Physical Review B</i> , 2014, 89, .	3.2	12
66	Doped Germanate-Based Apatites as Electrolyte for Use in Solid Oxide Fuel Cells. <i>Fuel Cells</i> , 2014, 14, 144-152.	2.4	8
67	Switching of magnetic vortex core in elliptical disks by nanosecond field pulses. <i>Applied Physics Express</i> , 2014, 7, 063008.	2.4	4
68	Cryogenic amplifier for shot noise measurement at 20 mK. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	27
69	Real-time observation of electrical vortex core switching. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	17
70	p-Type a-Si:H/ZnO:Al and 1/4c-Si:H/ZnO:Al Thin-Film Solar Cell Structures—A Comparative Hard X-Ray Photoelectron Spectroscopy Study. <i>IEEE Journal of Photovoltaics</i> , 2013, 3, 483-487.	2.5	4
71	Band offsets in complex-oxide thin films and heterostructures of SrTiO <sub>3</sub> /LaNiO <sub>3</sub> and SrTiO <sub>3</sub> /GdTiO <sub>3</sub> by soft and hard X-ray photoelectron spectroscopy. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	29
72	Two-barrier stability that allows low-power operation in current-induced domain-wall motion. <i>Nature Communications</i> , 2013, 4, 2011.	12.8	43

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73	Photoelectron spectroscopic study of band alignment of polymer/ZnO photovoltaic device structure. Applied Physics Letters, 2013, 102, .	3.3	24
74	Conductance fluctuation and weak antilocalization in epitaxial Bi <sub>2</sub> Se <sub>3</sub> . , 2013, , .		0
75	Bias voltage dependence of the electron spin depolarization in quantum wires in the quantum Hall regime detected by the resistively detected NMR. , 2013, , .		0
76	Shot noise at the quantum point contact in InGaAs heterostructure. , 2013, , .		0
77	Investigation of the near-surface structures of polar InN films by chemical-state-discriminated hard X-ray photoelectron diffraction. Applied Physics Letters, 2013, 102, .	3.3	8
78	Observation of finite excess noise in the voltage-biased quantum Hall regime as a precursor for breakdown. Physical Review B, 2013, 87, .	3.2	9
79	Experimental proof of universal conductance fluctuation in quasi-one-dimensional epitaxial Bi <sub>2</sub> Se <sub>3</sub> wires. Physical Review B, 2013, 88, .	3.2	17
80	p-Type a-Si:H/ZnO:Al and n-Si:H/ZnO:Al thin-film solar cell structures; A comparative hard X-ray photoelectron spectroscopy study. , 2013, , .		1
81	Empirical relationship between x-ray photoemission spectra and electrical conductivity in a colossal magnetoresistive manganite La <sub>1-x</sub> Sr <sub>x</sub> MnO <sub>3</sub> . Journal of Applied Physics, 2013, 113, .	2.5	17
82	Experimental detection of domain wall propagation above the Walker field. Journal of Physics Condensed Matter, 2012, 24, 024217.	1.8	2
83	Dynamic nuclear spin polarization in an all-semiconductor spin injection device with (Ga,Mn)As/GaAs spin Esaki diode. Applied Physics Letters, 2012, 101, .	3.3	22
84	Shot noise induced by electron-nuclear spin-flip scattering in a nonequilibrium quantum wire. Physical Review B, 2012, 85, .	3.2	14
85	Shot noise suppression in InGaAs/InGaAsP quantum channels. Applied Physics Letters, 2012, 100, .	3.3	12
86	Band bending and surface defects in In <sub>2</sub> -Ga <sub>2</sub> O <sub>3</sub> . Applied Physics Letters, 2012, 100, .	3.3	82
87	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
88	Electrical control of Curie temperature in cobalt using an ionic liquid film. Applied Physics Letters, 2012, 100, .	3.3	128
89	Work fluctuation theorem for a classical circuit coupled to a quantum conductor. Physical Review B, 2012, 86, .	3.2	9
90	Electronic structure of delta-doped La <sub>1-x</sub> Sr <sub>x</sub> TiO <sub>3</sub> layers by hard x-ray photoelectron spectroscopy. Applied Physics Letters, 2012, 100, 261603.	3.3	25

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91	Spin-orbit induced electronic spin separation in semiconductor nanostructures. Nature Communications, 2012, 3, 1082.	12.8	68
92	Current-induced magnetic domain wall motion below intrinsic threshold triggered by Walker breakdown. Nature Nanotechnology, 2012, 7, 635-639.	31.5	52
93	Spin-motive force due to a gyrating magnetic vortex. Nature Communications, 2012, 3, 845.	12.8	45
94	Weak antilocalization and conductance fluctuation in a submicrometer-sized wire of epitaxial Bi <sub>2</sub> Se <sub>3</sub> . Physical Review B, 2012, 85, .	3.2	83
95	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
96	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
97	Low-frequency and shot noises in CoFeB/MgO/CoFeB magnetic tunneling junctions. Physical Review B, 2012, 86, .	3.2	23
98	Temperature dependence of carrier spin polarization determined from current-induced domain wall motion in a Co/Ni nanowire. Applied Physics Letters, 2012, 100, .	3.3	39
99	Time-Domain Measurement of Current-Induced Spin Wave Dynamics. Physical Review Letters, 2012, 108, 017203.	7.8	72
100	Observation of magnetic domain-wall dynamics transition in Co/Ni multilayered nanowires. Applied Physics Letters, 2012, 101, 022407.	3.3	5
101	Electric-field control of magnetic domain-wall velocity in ultrathin cobalt with perpendicular magnetization. Nature Communications, 2012, 3, 888.	12.8	149
102	Signature of Coherent Transport in Epitaxial Spinel-Based Magnetic Tunnel Junctions Probed by Shot Noise Measurement. Applied Physics Express, 2012, 5, 053003.	2.4	11
103	XPS study of Sb-/In-doping and surface pinning effects on the Fermi level in SnO <sub>2</sub> (101) thin films. Applied Physics Letters, 2011, 98, .	3.3	38
104	Mn incorporation into the GaAs lattice investigated by hard x-ray photoelectron spectroscopy and diffraction. Physical Review B, 2011, 83, .	3.2	12
105	Electrical control of the ferromagnetic phase transition in cobalt at room temperature. Nature Materials, 2011, 10, 853-856.	27.5	398
106	Dispersive Lineshape Of The Resistively Detected NMR In A Quantum Wire In The Quantum Hall Regime. AIP Conference Proceedings, 2011, , .	0.4	0
107	Nonequilibrium fluctuation relations in a quantum coherent conductor. , 2011, , .		0
108	Non-equilibrium transport in a quantum wire in the quantum Hall regime. Journal of Physics: Conference Series, 2011, 334, 012031.	0.4	0

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109	Observation of the intrinsic pinning of a magnetic domain wall in a ferromagnetic nanowire. Nature Materials, 2011, 10, 194-197.	27.5	302
110	Fluctuation theorem and microreversibility in a quantum coherent conductor. Physical Review B, 2011, 83, .	3.2	42
111	Insulating state of ultrathin epitaxial LaNiO <sub>3</sub> thin films detected by hard x-ray photoemission. Physical Review B, 2011, 84, .	3.2	35
112	Evolution of the Kondo Effect in a Quantum Dot Probed by Shot Noise. Physical Review Letters, 2011, 106, 176601.	7.8	75
113	Bias application hard x-ray photoelectron spectroscopy study of forming process of Cu/HfO <sub>2</sub> /Pt resistive random access memory structure. Applied Physics Letters, 2011, 99, .	3.3	56
114	Hard x-ray photoemission study of near-Heusler Fe <sub>2</sub> Si <sub>1-x</sub> Al <sub>x</sub> alloys. Physical Review B, 2011, 83, .	3.2	13
115	Sub-Poissonian shot noise in CoFeB/MgO/CoFeB-based magnetic tunneling junctions. Applied Physics Letters, 2011, 98, .	3.3	23
116	Delta-doped epitaxial La:SrTiO <sub>3</sub> field-effect transistor. Applied Physics Letters, 2011, 98, 242113.	3.3	6
117	Structure and magnetism of the postlayered perovskite SrCo <sub>3</sub> Co. Applied Physics Letters, 2011, 98, 242113.	3.2	24
118	All-electrical operation of magnetic vortex core memory cell. Applied Physics Letters, 2011, 99, .	3.3	54
119	Experimental test of Fluctuation Theorem in a quantum coherent conductor. , 2011, , .		0
120	Magnetic properties and phase stability of L21 phase in Co <sub>2</sub> Mn(Ga <sub>1-x</sub> Z <sub>x</sub> )(Z=Si, Ge, and Sn) Heusler alloys. Applied Physics Letters, 2010, 96, 222507.	3.3	20
121	Electrical Detection of Vortex Core Polarity in Ferromagnetic Disk. Applied Physics Express, 2010, 3, 053001.	2.4	10
122	Hard x-ray photoemission spectroscopic investigation of palladium catalysts immobilized on a GaAs(001) surface. Journal of Applied Physics, 2010, 108, .	2.5	9
123	Pt and Sn Doped Sputtered CeO <sub>2</sub> Electrodes for Fuel Cell Applications. Fuel Cells, 2010, 10, 139-144.	2.4	14
124	Temperature dependence of the visibility in an electronic Mach-Zehnder interferometer. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 1091-1094.	2.7	6
125	Valence band structure of III-V nitride films characterized by hard X-ray photoelectron spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2010, 7, 1903-1905.	0.8	6
126	Bolometric Shot Noise Detection in Coupled Quantum Point Contacts. , 2010, , .		0



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127	Spin Polarization in a Curvature-controlled Quantum Point Contact. , 2010, , .		0
128	Large Magnetoresistive Effect Enhanced by Space-Charge Effect in Silicon. , 2010, , .		0
129	Schottky barrier height behavior of PtRu alloy contacts on single-crystal n-ZnO. Journal of Applied Physics, 2010, 107, .	2.5	6
130	Oxygen migration at Pt/HfO <sub>2</sub> /Pt interface under bias operation. Applied Physics Letters, 2010, 97, .	3.3	59
131	Nonreciprocal emission of spin-wave packet in FeNi film. Applied Physics Letters, 2010, 97, .	3.3	100
132	Large decrease in the critical temperature of superconducting LaFeAsO <sub>0.85</sub> compounds doped with 3% atomic weight of nonmagnetic Zn impurities. Physical Review B, 2010, 82, .	3.2	58
133	Interface properties of magnetic tunnel junction $\text{La}_{0.7}\text{Mn}_{0.3}\text{O}_2$ Physical Review B, 2010, 82, .	3.2	71
134	Nonequilibrium Fluctuation Relations in a Quantum Coherent Conductor. Physical Review Letters, 2010, 104, 080602.	7.8	96
135	Observation of full shot noise in CoFeB/MgO/CoFeB-based magnetic tunneling junctions. Applied Physics Letters, 2010, 96, .	3.3	20
136	Current-induced switching of magnetic vortex core in ferromagnetic elliptical disks. Applied Physics Letters, 2010, 96, .	3.3	16
137	Absence of temperature dependence of the valence-band spectrum of $\text{Co}_2\text{MnSi}$ Physical Review B, 2009, 79, .	3.2	36
138	$\text{Mn}_2\text{As}$ spectra of $\text{La}_{1-x}\text{Mn}_x\text{O}_2$ Physical Review B, 2009, 80, .	3.2	18
139	Superconducting properties of the oxygen-deficient iron oxyarsenide $\text{TbFeAsO}_{1-x}$ from underdoped to overdoped compositions. Physical Review B, 2009, 80, .	3.2	11
140	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
141	Interface structure and the chemical states of Pt film on polar-ZnO single crystal. Applied Physics Letters, 2009, 94, 221904.	3.3	18
142	Experimentally constrained density-functional calculations of the amorphous structure of the prototypical phase-change material Ge <sub>2</sub> Sb <sub>2</sub> Te <sub>5</sub> . Physical Review B, 2009, 80, .	3.2	77
143	Universality of bias- and temperature-induced dephasing in ballistic electronic interferometers. Physical Review B, 2009, 79, .	3.2	23
144	ELECTRONIC STRUCTURES OF NAKED AND MOLECULAR ENCAPSULATED Au NANOPARTICLES. International Journal of Nanoscience, 2009, 08, 181-184.	0.7	0

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145	Space-charge-effect-induced large magnetoresistance in silicon. Journal of Physics: Conference Series, 2009, 193, 012001.	0.4	10
146	Current-controlled magnetoresistance in silicon in non-Ohmic transport regimes. Applied Physics Letters, 2009, 95, 132106.	3.3	36
147	Large positive magnetoresistive effect in silicon induced by the space-charge effect. Nature, 2009, 457, 1112-1115.	27.8	149
148	Conductance anomaly and Fano factor reduction in quantum point contacts. Physical Review B, 2009, 79, .	3.2	19
149	Non-equilibrium dephasing in ballistic interferometers. Journal of Physics: Conference Series, 2009, 193, 012045.	0.4	1
150	Real-time Detection of Magnetic Vortex Dynamics by Using Tunneling Magnetoresistance Effect. Journal of the Magnetism Society of Japan, 2009, 33, 1-4.	0.9	0
151	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
152	Switching magnetic vortex core by a single nanosecond current pulse. Applied Physics Letters, 2008, 93, .	3.3	82
153	Bolometric detection of quantum shot noise in coupled mesoscopic systems. Physical Review B, 2008, 78, .	3.2	24
154	Magnetic properties and stability of L21 and B2 phases in the Co <sub>2</sub> MnAl Heusler alloy. Journal of Applied Physics, 2008, 103, .	2.5	74
155	Dynamical Pinning of a Domain Wall in a Magnetic Nanowire Induced by Walker Breakdown. Physical Review Letters, 2008, 101, 207203.	7.8	35
156	Magnetic properties, phase stability, electronic structure, and half-metallicity of $L_2$ phases in the $Co_2MnAl$ Heusler alloy. Journal of Applied Physics, 2008, 103, .		

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163	Single-particle Nature of Intersubband Electronic Raman Scattering and Dynamical Many-body Effects in Narrow GaAs Quantum Wells. AIP Conference Proceedings, 2007, , .	0.4	0
164	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
165	Breakdown of phase rigidity and variations of the Fano effect in closed Aharonov-Bohm interferometers. Physical Review B, 2006, 73, .	3.2	34
166	Current-Driven Resonant Excitation of Magnetic Vortices. Physical Review Letters, 2006, 97, 107204.	7.8	194
167	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
168	Hard X-ray photoemission study of Mn 2p core-levels of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ thin films. Journal of Electron Spectroscopy and Related Phenomena, 2005, 144-147, 557-559.	1.7	7
169	Interference through a Single Quantum Dot. AIP Conference Proceedings, 2005, , .	0.4	0
170	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
171	Nature of the Well Screened State in Hard X-Ray Mn 2p Core-Level Photoemission Measurements of $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ Films. Physical Review Letters, 2004, 93, 236401.	7.8	141
172	Fano resonance in a quantum wire with a side-coupled quantum dot. Physical Review B, 2004, 70, .	3.2	246
173	Observation of "Partial Coherence" in an Aharonov-Bohm Interferometer with a Quantum Dot. Physical Review Letters, 2004, 92, 176802.	7.8	49
174	Intersubband electronic Raman scattering in narrow GaAs single quantum wells dominated by single-particle excitations. Physical Review B, 2004, 70, .	3.2	5
175	Interference Effect in Multilevel Transport through a Quantum Dot. Journal of the Physical Society of Japan, 2004, 73, 3235-3238.	1.6	19
176	Magnetoconductance anomalies at level crossing in double layer quantum Hall systems. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 64-67.	2.7	1
177	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
178	Spin-flip process and quantum decoherence in a quantum dot. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 474-477.	2.7	0
179	Quantum coherence in quantum dot "Aharonov-Bohm ring hybrid systems. Superlattices and Microstructures, 2003, 34, 151-157.	3.1	8
180	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

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181	Mesoscopic Fano effect in a quantum dot embedded in an Aharonov-Bohm ring. Physical Review B, 2003, 68, .	3.2	155
182	Suppression of Quantum Decoherence in an Aharonov-Bohm Ring. Journal of the Physical Society of Japan, 2003, 72, 5-6.	1.6	2
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