

Takahide Yamaguchi

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	High-mobility p-channel wide-bandgap transistors based on hydrogen-terminated diamond/hexagonal boron nitride heterostructures. <i>Nature Electronics</i> , 2022, 5, 37-44.	13.1	70
2	Charge-carrier mobility in hydrogen-terminated diamond field-effect transistors. <i>Journal of Applied Physics</i> , 2020, 127, .	1.1	33
3	Single-crystalline boron-doped diamond superconducting quantum interference devices with regrowth-induced step edge structure. <i>Scientific Reports</i> , 2019, 9, 15214.	1.6	7
4	Quantum oscillations in diamond field-effect transistors with a h-BN gate dielectric. <i>Physical Review Materials</i> , 2019, 3, .	0.9	16
5	Ionic-liquid-gating setup for stable measurements and reduced electronic inhomogeneity at low temperatures. <i>Review of Scientific Instruments</i> , 2018, 89, 103903.	0.6	2
6	High-mobility diamond field effect transistor with a monocrystalline h-BN gate dielectric. <i>APL Materials</i> , 2018, 6, .	2.2	59
7	Superconductivity in nano- and micro-patterned high quality single crystalline boron-doped diamond films. <i>Diamond and Related Materials</i> , 2018, 90, 181-187.	1.8	9
8	Transport Properties of Hydrogen-Terminated Silicon Surface Controlled by Ionic-Liquid Gating. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 014703.	0.7	4
9	Low-Temperature Carrier Transport in Ionic-Liquid-Gated Hydrogen-Terminated Silicon. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 114703.	0.7	2
10	Internal field effect on vortex states in the layered organic superconductor I^{BETS} -(BETS) Fe 2 1 a^{2} Se_2 . <i>Physical Review B</i> , 2017, 95, .	1.1	4
11	Note: Novel diamond anvil cell for electrical measurements using boron-doped metallic diamond electrodes. <i>Review of Scientific Instruments</i> , 2016, 87, 076103.	0.6	34
12	Origin of the Higher-Tc Phase in the $\text{KxFe}_2\text{a}^{\text{2}}$ ySe_2 System. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 044710.	0.7	12
13	Superconductivity in alkali-doped fullerene nanowhiskers. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 354003.	0.7	8
14	Spin-induced anomalous magnetoresistance at the (100) surface of hydrogen-terminated diamond. <i>Physical Review B</i> , 2016, 94, .	1.1	12
15	Electrochemical Deposition of FeSe on RABiTS Tapes. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 015001.	0.7	17
16	Superconductivity in FeTe 1a^{2} x S x 1 a^{2} Se_2 Induced by Electrochemical Reaction Using Ionic Liquid Solution. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 034706.	0.7	5
17	Vortex Dynamics and Diamagnetic Torque Signals in Two Dimensional Organic Superconductor I^{BETS} 2CaCl_4 . <i>Journal of the Physical Society of Japan</i> , 2015, 84, 104709.	0.7	26
18	Pressure-Induced Superconductivity in BiS 2 -Based EuFBiS 2 1 a^{2} Se_2 . <i>Journal of the Physical Society of Japan</i> , 2015, 84, 115003.	0.7	18

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19	Observation of a Pressure-Induced Phase Transition for Single Crystalline LaO _{0.5} F _{0.5} BiSeS Using a Diamond Anvil Cell. Journal of the Physical Society of Japan, 2015, 84, 095001.	0.7	3
20	Coexistence of Bulk Superconductivity and Magnetism in CeO _{1-x} F _x BiS ₂ . Journal of the Physical Society of Japan, 2015, 84, 024709.	0.7	61
21	Site selectivity on chalcogen atoms in superconducting La(O,F)BiSe. Applied Physics Letters, 2015, 106, .	1.5	35
22	The effect of exceptionally high fluorine doping on the anisotropy of single crystalline SmFeAsO _{1-x} F _x . Applied Physics Letters, 2014, 105, 102602.	1.5	25
23	Quantum oscillations of the two-dimensional hole gas at atomically flat diamond surfaces. Physical Review B, 2014, 89, .	1.1	28
24	High-T _c Phase of PrO _{0.5} F _{0.5} BiS ₂ single crystal induced by uniaxial pressure. Applied Physics Letters, 2014, 105, 052601.	1.5	25
25	Pressure-induced phase transition for single-crystalline LaO _{0.5} F _{0.5} BiSe ₂ . Europhysics Letters, 2014, 108, 47007.	0.7	18
26	Excess iron deintercalation induced superconductivity in Fe(Te, Se) and Fe(Te, S) via sulfur annealing. Journal of Applied Physics, 2014, 115, 053909.	1.1	9
27	Pressure-dependent magnetization and magnetoresistivity studies on tetragonal FeS (mackinawite): revealing its intrinsic metallic character. Science and Technology of Advanced Materials, 2014, 15, 055007.	2.8	17
28	Superconductivity in Fe _{1+d} Te _{0.9} Se _{0.1} Induced by Deintercalation of Excess Fe Using Alcoholic Beverage Treatment. Journal of Superconductivity and Novel Magnetism, 2014, 27, 305-308.	0.8	6
29	Superconductivity in FeTe _{0.8} S _{0.2} induced by battery-like reaction. Solid State Communications, 2014, 200, 29-31.	0.9	6
30	First single crystal growth and structural analysis of superconducting layered bismuth oxyselenide; La(O,F)BiSe ₂ . Journal of Solid State Chemistry, 2014, 219, 168-172.	1.4	33
31	Electrical transport properties of small diameter single-walled carbon nanotubes aligned on ST-cut quartz substrates. Nanoscale Research Letters, 2014, 9, 374.	3.1	4
32	Evidence for non-metallic behaviour in tetragonal FeS (mackinawite). Materials Chemistry and Physics, 2014, 147, 50-56.	2.0	29
33	Amorphous FeAs-free SmFeAsO _{1-x} F _x using low temperature sintering with slow cooling. Journal of Physics: Conference Series, 2014, 507, 012015.	0.3	1
34	Fermiological interpretation of FeTe _{1-x} Se _x thin crystal by quantum conductance oscillation. Europhysics Letters, 2013, 104, 37010.	0.7	4
35	Tartaric acid in red wine as one of the key factors to induce superconductivity in FeTe _{0.8} S _{0.2} . Physica C: Superconductivity and Its Applications, 2013, 487, 16-18.	0.6	8
36	Electrodeposition as a new route to synthesize superconducting FeSe. Solid State Communications, 2013, 154, 40-42.	0.9	35

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37	New Member of BiS ₂ -Based Superconductor NdO _F BiS ₂ . Journal of the Physical Society of Japan, 2013, 82, 033708.	0.7	244
38	Preparation and superconductivity of potassium-doped fullerene nanowhiskers. Materials Research Bulletin, 2013, 48, 343-345.	2.7	27
39	Low-Temperature Transport Properties of Holes Introduced by Ionic Liquid Gating in Hydrogen-Terminated Diamond Surfaces. Journal of the Physical Society of Japan, 2013, 82, 074718.	0.7	30
40	Phase diagram and superconductivity at 58.1 K in $\hat{\pm}$ -FeAs-free SmFeAsO _{1$\hat{\pm}$} F ₂ . Superconductor Science and Technology, 2013, 26, 085023.	1.8	66
41	Evolution of superconductivity in isovalent Te-substituted K ₂ Fe ₂ Se ₂ crystals. Superconductor Science and Technology, 2013, 26, 085023.	1.8	11
42	Kosterlitz-Thouless-Type Transition in a Charge Ordered State of the Layered Organic Conductor $\hat{\pm}$ -BEDT-TTF. Journal of the Physical Society of Japan, 2013, 82, 094707.	0.7	8
43	Evolution of superconductivity in LaO _{1$\hat{\pm}$} F ₂ BiS ₂ prepared by high-pressure technique. Europhysics Letters, 2013, 101, 17004.	0.7	119
44	$\hat{\pm}$ -FeAs-Free SmFeAsO _{1$\hat{\pm}$} F ₂ by Low Temperature Sintering with Slow Cooling. Journal of the Physical Society of Japan, 2013, 82, 094707.	0.7	8
45	Effect of the Indium Addition on the Superconducting Property and the Impurity Phase in Polycrystalline SmFeAsO _{1$\hat{\pm}$} F ₂ . Journal of the Physical Society of Japan, 2013, 82, 024705.	0.7	9
46	Orbital Effect on FFLO Phase and Energy Dissipation due to Vortex Dynamics in Magnetic-Field-Induced Superconductor $\hat{\pm}$ -(BETS)2FeCl4. Journal of the Physical Society of Japan, 2013, 82, 034715.	0.7	16
47	Structural characterization of the $\hat{\pm}$ -nanowhiskers heat-treated at high temperatures for potential superconductor application. Transactions of the Materials Research Society of Japan, 2013, 38, 517-520.	0.2	0
48	Charge Transport in Charge-Ordered States of Two-Dimensional Organic Conductors, $\hat{\pm}$ -(BEDT-TTF) ₂ I ₃ and $\hat{\pm}$ -(BEDT-TTF) ₂ I ₂ Br ₂ . Journal of the Physical Society of Japan, 2012, 81, 044703.	0.7	15
49	Evidence of Inhomogeneous Superconductivity in FeTe _{1-x} Sex by Scotch-Tape Method. Journal of the Physical Society of Japan, 2012, 81, 113707.	0.7	9
50	Electrochemical Synthesis of Iron-Based Superconductor FeSe Films. Journal of the Physical Society of Japan, 2012, 81, 043702.	0.7	23
51	Magnetic torque studies on FFLO phase in magnetic-field-induced organic superconductor $\hat{\pm}$ -(BETS)2FeCl4. Physical Review B, 2012, 85, 180407.	1.1	40
52	Interlayer Charge Disproportionation in the Layered Organic Superconductor $\hat{\pm}$ -BEDT-TTF. Journal of the Physical Society of Japan, 2013, 82, 094707.	0.7	8

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55	Effect of Pressure on the Electrical Resistance of Individual Boron-Doped Carbon Nanotubes. Japanese Journal of Applied Physics, 2012, 51, 105103.	0.8	1
56	Fabrication of binary FeSe superconducting wires by diffusion process. Journal of Applied Physics, 2012, 111, .	1.1	40
57	Clarification as to why alcoholic beverages have the ability to induce superconductivity in $\text{Fe}_{1+x}\text{Te}_{1-x}\text{S}_x$. Superconductor Science and Technology, 2012, 25, 084103.	1.8	21
58	Macroscopic quantum tunneling and phase diffusion in a $\text{La}_{2-x}\text{Sr}_x\text{CuO}_7$ superconductor. Physical Review B, 2012, 85, .	1.1	9
59	Superconducting Fullerene Nanowhiskers. Molecules, 2012, 17, 4851-4859.	1.7	38
60	Vertical SNS weak-link Josephson junction fabricated from only boron-doped diamond. Physical Review B, 2012, 85, .	1.1	14
61	One-step synthesis of $\text{K}_x\text{Fe}_{2-x}\text{Se}_2$ single crystal for high critical current density. Europhysics Letters, 2012, 98, 27002.	0.7	30
62	Phase diagram and oxygen annealing effect of $\text{FeTe}_{1-x}\text{Se}_x$ iron-based superconductor. Solid State Communications, 2012, 152, 1135-1138.	0.9	67
63	Effect of Pressure on the Electrical Resistance of Individual Boron-Doped Carbon Nanotubes. Japanese Journal of Applied Physics, 2012, 51, 105103.	0.8	0
64	Single Crystal Growth and Structural Characterization of $\text{FeTe}_{1-x}\text{S}_x$. IEEE Transactions on Applied Superconductivity, 2011, 21, 2866-2869.	1.1	10
65	Superconductivity in oxygen-annealed $\text{FeTe}_{1-x}\text{S}_x$ single crystal. Journal of Applied Physics, 2011, 109, 013914.	1.1	37
66	Alcoholic beverages induce superconductivity in $\text{FeTe}_{1-x}\text{S}_x$. Superconductor Science and Technology, 2011, 24, 055008.	1.8	44
67	Transport properties and microstructure of mono- and seven-core wires of $\text{FeSe}_{1-x}\text{Te}_x$ superconductor produced by the Fe-diffusion powder-in-tube method. Superconductor Science and Technology, 2011, 24, 105002.	1.8	50
68	Raman Spectroscopic Study of $\text{K}_0.8\text{Fe}_{2.2}\text{Se}_2$. Journal of the Physical Society of Japan, 2011, 80, 075003.	0.7	1
69	Pressure study on oxygen-annealed $\text{FeTe}_{0.8}\text{S}_{0.2}$. Physica C: Superconductivity and Its Applications, 2011, 471, 611-613.	0.6	1
70	Preparation of Thin Crystals of $\text{FeTe}_{1-x}\text{S}_x$ Using the Scotch-Tape Method. Japanese Journal of Applied Physics, 2011, 50, 088003.	0.8	5
71	Highly nonlocal spin Hall voltage characteristics of an organic Mott insulator $\text{BEDT-TTF}-(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]$. Physical Review B, 2011, 83, .	1.1	16
72	Fermi surface and in-plane anisotropy of the layered organic superconductor $\text{L}(\text{DMEDO-TSeF})_2[\text{Au}(\text{CN})_4](\text{THF})$ with domain structures. Physical Review B, 2011, 83, .	1.1	6

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73	Charge transport in charge-ordered layered crystals (Me-3,5-DIP)[Ni(dmit) ₂] ₂ $\text{[Ni(dmit)}_2\text{)]}_2$	1.1	10
74	Flow of a Single Magnetic Vortex in a Submicron-Size Superconducting Al Disk Controlled by Radio-Frequency Currents. Physical Review Letters, 2011, 107, 077002.	2.9	7
75	Transport properties of the new Fe-based superconductor KxFe2Se2 (Tc=33K). Applied Physics Letters, 2011, 98, 042511.	1.5	136
76	Fabrication of submicron La2-xSrxCuO4 intrinsic Josephson junction stacks. Journal of Applied Physics, 2011, 109, 033912.	1.1	5
77	Pressure Study of the New Iron-Based Superconductor K0.8Fe2Se2. Journal of the Physical Society of Japan, 2011, 80, 075002.	0.7	6
78	Preparation of Thin Crystals of FeTe1-xSxUsing the Scotch-Tape Method. Japanese Journal of Applied Physics, 2011, 50, 088003.	0.8	0
79	Macroscopic Quantum Tunneling in a Bi2Sr2CaCu2O8+δ Single Crystalline Whisker. Applied Physics Express, 2010, 3, 063104.	1.1	10
80	Superconductor-to-insulator transition in boron-doped diamond films grown using chemical vapor deposition. Physical Review B, 2010, 82, .	1.1	66
81	Pressure effects on FeSe family superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, S353-S355.	0.6	14
82	Air-exposure effects of superconductivity in Fe(Te, S). Physica C: Superconductivity and Its Applications, 2010, 470, S340-S341.	0.6	13
83	Mössbauer studies on FeSe and FeTe. Physica C: Superconductivity and Its Applications, 2010, 470, S338-S339.	0.6	32
84	Critical concentrations of superconductor to insulator transition in (1 1 1) and (0 0 1) CVD boron-doped diamond. Physica C: Superconductivity and Its Applications, 2010, 470, S604-S607.	0.6	2
85	High Field Magnetoresistance and Magnetic Torque in a One-Dimensional Organic Conductor TPP[Fe(Pc)(CN)2]2. Journal of Low Temperature Physics, 2010, 159, 272-275.	0.6	2
86	Non-linear current-voltage characteristics in I±-(BEDT-TTF)2I3. Physica B: Condensed Matter, 2010, 405, S176-S178.	1.3	2
87	Stacked SNS Josephson junction of all boron doped diamond. Physica C: Superconductivity and Its Applications, 2010, 470, S613-S615.	0.6	11
88	Cross-sectional TEM study and film thickness dependence of Tc in heavily boron-doped superconducting diamond. Physica C: Superconductivity and Its Applications, 2010, 470, S610-S612.	0.6	16
89	Microwave plasma chemical vapor deposition synthesis of boron-doped carbon nanotube. Physica C: Superconductivity and Its Applications, 2010, 470, S608-S609.	0.6	11
90	Charge transport in charge-ordered layered crystals $\text{[Ni(dmit)}_2\text{)]}_2$	1.1	20

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91	Anion height dependence of T_c for the Fe-based superconductor. Superconductor Science and Technology, 2010, 23, 054013.	1.8	420
92	Moisture-induced superconductivity in $\text{FeTe}_{1-x}\text{S}_x$. Physical Review B, 2010, 81, .	0.8	1
93	Evolution of superconductivity by oxygen annealing in $\text{FeTe}_{0.8}\text{S}_{0.2}$. Europhysics Letters, 2010, 90, 57002.	0.7	58
94	Magnetothermal instability in the organic layered superconductor $\kappa^{\prime}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$. Physical Review B, 2009, 79, .	1.1	4
95	Interplay between magnetism and conductivity in the one-dimensional organic conductor $\text{TPP}_{1-x}\text{M}_x$. Physical Review B, 2009, 80, .	1.1	13
96	Electrical properties of boron-doped MWNTs synthesized by hot-filament chemical vapor deposition. Physica C: Superconductivity and Its Applications, 2009, 469, 1002-1004.	0.6	9
97	Growth of superconducting single-crystalline $(\text{Lu,Ca})\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ whiskers. Physica C: Superconductivity and Its Applications, 2009, 469, 965-966.	0.6	2
98	FeTe as a candidate material for new iron-based superconductor. Physica C: Superconductivity and Its Applications, 2009, 469, 1027-1029.	0.6	65
99	Intrinsic Josephson properties in an optimally doped $(\text{Hg, Re})\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ single crystal. Physica C: Superconductivity and Its Applications, 2009, 469, 1596-1599.	0.6	2
100	Substitution Effects on FeSe Superconductor. Journal of the Physical Society of Japan, 2009, 78, 074712.	0.7	320
101	Superconductivity in S-substituted FeTe. Applied Physics Letters, 2009, 94, .	1.5	255
102	Switching current distributions and subgap structures of underdoped $(\text{Hg,Re})\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+\delta}$ intrinsic Josephson junctions. Journal of Applied Physics, 2009, 106, 074516.	1.1	10
103	Large magneto-conductivity effect in Fe-Phthalocyanine conductor at low temperatures. Journal of Physics: Conference Series, 2009, 150, 022040.	0.3	0
104	Electronic state of magnetic organic conductor $(\text{Me-3,5-DIP})[\text{Ni}(\text{dmit})_2]_2$. Journal of Physics: Conference Series, 2009, 150, 022025.	0.3	1
105	Observation of macroscopic quantum tunneling in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ intrinsic Josephson Junctions. Journal of Physics: Conference Series, 2009, 150, 052132.	0.3	0
106	New synthesis and physical property of low resistivity boron-doped multi-walled carbon nanotubes. Physica C: Superconductivity and Its Applications, 2008, 468, 1210-1213.	0.6	4
107	Pressure effect of superconducting transition temperature for boron-doped diamond films. Physica C: Superconductivity and Its Applications, 2008, 468, 1228-1230.	0.6	5
108	Intrinsic Josephson properties of. Physica C: Superconductivity and Its Applications, 2008, 468, 1922-1924.	0.6	5

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109	Intrinsic Josephson properties in (Hg, Re)Ba ₂ Ca ₃ Cu ₄ O ₁₀ + $\hat{\Gamma}$ single crystals. Physica C: Superconductivity and Its Applications, 2008, 468, 1925-1928.	0.6	5
110	Superconductivity at 27K in tetragonal FeSe under high pressure. Applied Physics Letters, 2008, 93, .	1.5	658
111	Antiferromagnetic ordering of the incommensurate organic superconductor (MDT-TS)(AuI ₂) _{0.441} with a high spin-flop field. Physical Review B, 2008, 77, .	1.1	12
112	Resistivity reduction of boron-doped multiwalled carbon nanotubes synthesized from a methanol solution containing boric acid. Applied Physics Letters, 2008, 92, 202116.	1.5	27
113	Easy fabrication of mesa-type Bi ₂ Sr ₂ CaCu ₂ O ₈ + $\hat{\Gamma}$ intrinsic Josephson junction using cross-whisker junction. Journal of Physics: Conference Series, 2008, 108, 012044.	0.3	0
114	Measurements of the switching current distribution in REBa ₂ Cu ₃ O _y (RE = Eu, Er) intrinsic Josephson junctions. Journal of Physics: Conference Series, 2008, 108, 012043.	0.3	1
115	Fermi surface and superconductivity in noncentrosymmetric CeRhSi ₃ . Physical Review B, 2007, 76, .	1.1	30
116	Large Positive Magnetoresistance of Insulating Organic Crystals in the Non-Ohmic Region. Physical Review Letters, 2007, 98, 116602.	2.9	26
117	Anomalous Magnetic-Field-Hysteresis of Quantum Oscillations in $\hat{\Gamma}^{\pm}$ -(BETS)2FeBr ₄ . Journal of Low Temperature Physics, 2007, 142, 531-534.	0.6	4
118	⁷⁷ Se NMR Evidence for the Jaccarino-Peter Mechanism in the Field Induced Superconductor, $\hat{\Gamma}^{\pm}$ -(BETS) ₂ FeCl ₄ . Journal of the Physical Society of Japan, 2007, 76, 124708.	0.7	31
119	Fermi Surface and Electronic Properties of $\hat{\Gamma}^{\pm}$ -(BETS)2FeCl ₄ . AIP Conference Proceedings, 2006, , .	0.3	0
120	Possibility of FFLO State in Organic Superconductor $\hat{\Gamma}^{\pm}$ -(BETS)2FeCl ₄ . AIP Conference Proceedings, 2006, , .	0.3	1
121	Current-Phase Relation of a Well-Characterized Superconducting Atomic Point Contact. AIP Conference Proceedings, 2006, , .	0.3	0
122	I-V Characteristics in the Superconducting State of a Mesoscopic Al Square. AIP Conference Proceedings, 2006, , .	0.3	0
123	Vortex Dynamics and the Fulde-Ferrell-Larkin-Ovchinnikov State in a Magnetic-Field-Induced Organic Superconductor. Physical Review Letters, 2006, 97, 157001.	2.9	136
124	Fermi surface and interlayer transport in high-stage MoCl ₅ graphite intercalation compounds. Physical Review B, 2006, 73, .	1.1	16
125	Current-Voltage Characteristics of Charge-Ordered Organic Crystals. Physical Review Letters, 2006, 96, 136602.	2.9	50
126	Superconductor-insulator crossover in Josephson junction arrays due to reduction from two to one dimension. Physical Review B, 2006, 73, .	1.1	13

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127	Current-voltage characteristics of a mesoscopic Josephson junction in a low-impedance environment. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 1442-1444.	1.3	1
128	Excess resistance in the superconducting transition of a mesoscopic Al disk. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2005, 29, 584-587.	1.3	4
129	Small Josephson Junction As Detector Of Non-Gaussian Noise. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	0
130	Finite-size effects on transverse magnetoresistance of NbSe ₃ . <i>Physical Review B</i> , 2005, 71, .	1.1	3
131	Analysis of zero-bias resistance in overdamped mesoscopic Josephson junction chains. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 404, 256-259.	0.6	0
132	Dimensional crossover from 2D to 1D in small-Josephson-junction arrays. <i>Physica B: Condensed Matter</i> , 2003, 329-333, 1407-1408.	1.3	1
133	Quantum fluctuations and dissipative phase transition in one-dimensional Josephson junction arrays. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2003, 18, 41-42.	1.3	0
134	Experimental Studies on Cooper Pair Transport in Josephson Junction Arrays. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 96-99.	0.7	1
135	Quantum Phase Transition in One-Dimensional Arrays of Resistively Shunted Small Josephson Junctions. <i>Physical Review Letters</i> , 2002, 89, 197001.	2.9	32
136	Dissipation and quantum fluctuations in 2D-array of small Josephson junctions. <i>Microelectronic Engineering</i> , 2002, 63, 309-312.	1.1	1
137	SUPERCONDUCTOR-INSULATOR TRANSITION IN ONE- AND TWO-DIMENSIONAL ARRAYS OF DISSIPATIVE SMALL JOSEPHSON JUNCTIONS. , 2002, , .		0
138	Phase diagram for two-dimensional arrays of small Josephson junctions with shunt resistors. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 352, 181-185.	0.6	4
139	Superconductor-Insulator Transition in a Two-Dimensional Array of Resistively Shunted Small Josephson Junctions. <i>Physical Review Letters</i> , 2000, 85, 1974-1977.	2.9	54
140	Two-Dimensional Arrays of Small Josephson Junctions with Regular and Random Defects. <i>Journal of the Physical Society of Japan</i> , 1998, 67, 729-731.	0.7	9
141	Study on Superconductor-Insulator Transitions in Two-Dimensional Array of Small Josephson Junctions. <i>Journal of the Physical Society of Japan</i> , 1997, 66, 2429-2436.	0.7	1
142	Superconductor-Insulator Transition in Two-Dimensional Network of Josephson Junctions. <i>Journal of the Physical Society of Japan</i> , 1996, 65, 36-38.	0.7	8
143	Measurement of Self Capacitance of Small Island Electrode via Single Electron Transistor. <i>Journal of the Physical Society of Japan</i> , 1996, 65, 868-869.	0.7	7
144	Edge Effect in Two-Dimensional Network of Small Josephson Junctions. <i>Journal of the Physical Society of Japan</i> , 1996, 65, 2365-2366.	0.7	4

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145	Phase diagram for superconductor-insulator transitions in two-dimensional network of small tunnel junctions. European Physical Journal D, 1996, 46, 693-694.	0.4	2
146	Effect of finite system width in two-dimensional network of small tunnel junctions. European Physical Journal D, 1996, 46, 695-696.	0.4	0
147	Capacitance dependence of critical tunneling resistance for superconductor-insulator transition in two-dimensional network of Josephson junctions. Physica B: Condensed Matter, 1996, 227, 232-234.	1.3	2
148	Fabrication of the Iron-Based Superconducting Wire Using Fe(Se,Te). Applied Physics Express, 0, 2, 083004.	1.1	109