

Mitsuru Izumi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Introducing Nanosized Pinning Centers Into Bulk $Gd_{1-x}Ba_xCuO$ by Infiltration Method. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.1	814
2	High power density superconducting rotating machines development status and technology roadmap. Superconductor Science and Technology, 2017, 30, 123002.	1.8	309
3	Atomically defined epitaxy and physical properties of strained $La_{0.6}Sr_{0.4}MnO_3$ films. Applied Physics Letters, 1998, 73, 2497-2499.	1.5	147
4	Raman Scattering and Infrared Reflectance in $2H-MoSe_2$. Journal of the Physical Society of Japan, 1980, 49, 1069-1077.	0.7	126
5	Superconductivity and the environment: a Roadmap. Superconductor Science and Technology, 2013, 26, 113001.	1.8	113
6	Electrochemical impedance spectroscopy biosensor with interdigitated electrode for detection of human immunoglobulin A. Biosensors and Bioelectronics, 2013, 40, 422-426.	5.3	108
7	An Axial Gap-Type HTS Bulk Synchronous Motor Excited by Pulsed-Field Magnetization With Vortex-Type Armature Copper Windings. IEEE Transactions on Applied Superconductivity, 2005, 15, 2222-2225.	1.1	106
8	An overview of rotating machine systems with high-temperature bulk superconductors. Superconductor Science and Technology, 2012, 25, 103001.	1.8	95
9	Incorporation of Glucose Oxidase into Langmuir-Blodgett Films Based on Prussian Blue Applied to Amperometric Glucose Biosensor. Langmuir, 2007, 23, 4675-4681.	1.6	83
10	Development of a synchronous motor with $Gd_{1-x}Ba_xCuO$ bulk superconductors as pole-field magnets for propulsion system. Superconductor Science and Technology, 2006, 19, S494-S499.	1.8	82
11	High-pressure synthesis of superconducting $Nb_{1-x}B_2$ ($x=0-0.48$) with the maximum $T_c=9.2$ K. Physica C: Superconductivity and Its Applications, 2002, 383, 197-206.	0.6	80
12	Magnetization properties for $Gd_{1-x}Ba_xCuO$ bulk superconductors with a couple of pulsed-field vortex-type coils. Physica C: Superconductivity and Its Applications, 2004, 412-414, 638-645.	0.6	62
13	Structural properties of the superconductor $La_{1-x}Ba_xCu_3O_{7-z}$ in the solid solution system $La_{1-x}Ba_xCu_3O_{7-z}$. Physical Review B, 1989, 40, 6771-6786.	1.1	59
14	Electric Propulsion Motor Development for Commercial Ships in Japan. Proceedings of the IEEE, 2015, 103, 2333-2343.	16.4	54
15	Development of 1 MW-class HTS motor for podded ship propulsion system. Journal of Physics: Conference Series, 2010, 234, 032060.	0.3	48
16	Effect of BaO_2 and fine Gd_2BaCuO_7 addition on the superconducting properties of air-processed $GdBa_2Cu_3O_7$. Superconductor Science and Technology, 2005, 18, 229-233.	1.8	44
17	Flux pinning properties in a $GdBa_2Cu_3O_7$ bulk superconductor with the addition of magnetic alloy particles. Superconductor Science and Technology, 2009, 22, 095009.	1.8	43
18	Study on the preparation of 90 K superconductor $LaBa_2Cu_3O_y$. Journal of Applied Physics, 1988, 64, 4095-4102.	1.1	42

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19	Hall effect and transverse magnetoresistance in a low-dimensional conductor HfTe ₅ . Solid State Communications, 1982, 42, 773-778.	0.9	41
20	Physical properties of mixed Langmuir-Blodgett conducting films based on a tetrathiafulvalene derivative. The Journal of Physical Chemistry, 1992, 96, 2812-2820.	2.9	39
21	Observation of metallic conductivity down to 14 K in Langmuir-Blodgett films based on BEDO-TTF and behenic acid. Physical Review B, 1997, 55, R10225-R10228.	1.1	39
22	Load Test of 3-MW HTS Motor for Ship Propulsion. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	39
23	Strain-stabilized charge ordering and magnetorelaxor behaviors in Cr-doped Pr _{0.5} Ca _{0.5} MnO ₃ epitaxial thin films. Applied Physics Letters, 2001, 78, 3505-3507.	1.5	38
24	Materials process and applications of single grain (RE) ₂ BaCu ₃ O _{7-δ} bulk high-temperature superconductors. Physica C: Superconductivity and Its Applications, 2012, 482, 50-57.	0.6	37
25	Anomalous electrical resistivity in HfTe ₅ . Solid State Communications, 1981, 37, 641-642.	0.9	36
26	Electrical Design Study of 10-MW Salient-Pole Wind Turbine HTS Synchronous Generators. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-6.	1.1	36
27	Flux pinning properties and superconductivity of Gd-123 superconductor with addition of nanosized SnO ₂ /ZrO ₂ particles. Physica C: Superconductivity and Its Applications, 2006, 445-448, 357-360.	0.6	34
28	Impedimetric and amperometric bifunctional glucose biosensor based on hybrid organic-inorganic thin films. Bioelectrochemistry, 2015, 101, 1-7.	2.4	34
29	Study on copper valency of high- <i>t_c</i> superconductor YBa ₂ Cu ₃ O _{7-δ} by high temperature X-ray absorption spectroscopy. Solid State Communications, 1988, 65, 213-217.	0.9	33
30	Effects of Zn substitution on the superconductivity and pseudogap in HgBa ₂ CuO ₄ + δ with various doping levels. Physical Review B, 2002, 65, .	1.1	33
31	Orthorhombic-to-Tetragonal Phase Transition in LaBa ₂ Cu ₃ O _y . Japanese Journal of Applied Physics, 1987, 26, L1550-L1551.	0.8	29
32	Effect of ZrO ₂ and ZnO nanoparticles inclusions on superconductive properties of the melt-processed GdBa ₂ Cu ₃ O _{7-δ} bulk superconductor. Physica C: Superconductivity and Its Applications, 2008, 468, 1363-1365.	0.6	29
33	Trapped Flux and Levitation Properties of Multiseeded YBCO Bulks for HTS Magnetic Device Applications—Part II: Practical and Achievable Performance. IEEE Transactions on Applied Superconductivity, 2012, 22, 6800210-6800210.	1.1	29
34	X-ray diffraction study of a structural phase transition in (NbSe ₄) ₃ I. Solid State Communications, 1984, 51, 191-194.	0.9	28
35	Physical Properties of an 80 K-Superconductor: Bi-Sr-Ca-Cu-O Ceramics. Japanese Journal of Applied Physics, 1988, 27, L661-L664.	0.8	28
36	Preparation of an enzymatic glucose sensor based on hybrid organic-inorganic Langmuir-Blodgett films: Adsorption of glucose oxidase into positively charged molecular layers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 321, 47-51.	2.3	28

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37	Development of a Cryogenic Helium-Neon Gas Mixture Cooling System for Use in a Gd-Bulk HTS Synchronous Motor. IEEE Transactions on Applied Superconductivity, 2011, 21, 2213-2216.	1.1	28
38	Enhanced flux pinning of air-processed Gd123 by doping ZrO2 nanoparticles. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1341-1342.	0.6	27
39	Shubnikov-de Haas oscillations and Fermi surfaces in transition-metal pentatellurides ZrTe5 and HfTe5. Journal of Physics C: Solid State Physics, 1987, 20, 3691-3705.	1.5	26
40	Magnetic phase transition and physical properties of spinel-type nickel manganese oxide. Journal of Physics and Chemistry of Solids, 2002, 63, 947-950.	1.9	26
41	Preparation of YBa2Cu4O8 single crystals in Y2O3 crucible using O2-HIP apparatus. Physica C: Superconductivity and Its Applications, 1998, 301, 123-128.	0.6	25
42	Materials processing and machine applications of bulk HTS. Superconductor Science and Technology, 2010, 23, 124001.	1.8	25
43	Trapped Flux and Levitation Properties of Multiseeded YBCO Bulks for HTS Magnetic Device Applications—Part I: Grain and Current Features. IEEE Transactions on Applied Superconductivity, 2012, 22, 6800110-6800110.	1.1	25
44	Melt-growth bulk superconductors and application to an axial-gap-type rotating machine. Superconductor Science and Technology, 2016, 29, 044005.	1.8	25
45	Effect of Gd2Ba4CuMoOy addition on the band structure and spatial variation of superconducting properties in GdBa2Cu3O7 single domains. Superconductor Science and Technology, 2005, 18, 1082-1088.	1.8	24
46	Study of Key Parameters and Cryogenic Vessel Structure of 10-MW Salient-Pole Wind Turbine HTS Generators. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.1	24
47	Evidence of a phase transition in a new type of halogenated niobium tetraselenide (NbSe4)xl. Solid State Communications, 1984, 49, 423-426.	0.9	23
48	Formation of two-dimensional weak localization in conducting Langmuir-Blodgett films. Physical Review B, 2001, 63, .	1.1	23
49	Critical Current and Electric Loss Under Magnetic Field at 30 K on Bi-2223 Superconducting Coil for Ship Propulsion Motor. IEEE Transactions on Applied Superconductivity, 2011, 21, 1127-1130.	1.1	23
50	Raman study of charge-density-wave phase transition in quasi-one-dimensional conductor (TaSe4)2I. Solid State Communications, 1985, 53, 767-771.	0.9	22
51	Enhanced flux pinning of air-processed GdBa2Cu3O7 superconductors with addition of ZrO2 nanoparticles. Applied Physics Letters, 2006, 89, 192508.	1.5	22
52	Significant improvement of trapped flux in bulk Gd-Ba-Cu-O grains fabricated by a modified top-seeded melt growth process. Superconductor Science and Technology, 2013, 26, 015003.	1.8	22
53	Recovery of trapped field distribution around a growth sector in a Gd-Ba-Cu-O HTS bulk with pulsed-field magnetization. Superconductor Science and Technology, 2006, 19, S466-S471.	1.8	20
54	Enhancement of critical current density in Gd123 bulk superconductor doped with magnetic powder. Physica C: Superconductivity and Its Applications, 2009, 469, 1215-1217.	0.6	20

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55	MgO buffer-layer-induced texture growth of RE-Ba-Cu-O bulk. Superconductor Science and Technology, 2012, 25, 025022.	1.8	20
56	Observation of magnetization jump associated with a spin-state transition in oxygen-deficient $Y_{0.33}Sr_{0.67}CoO_{3-\delta}$. Physical Review B, 2006, 74, .	1.1	19
57	Enhanced JC in air-processed $GdBa_2Cu_3O_{7-\delta}$ superconductor bulk grown by the additions of nano-particles. Physica C: Superconductivity and Its Applications, 2011, 471, 840-842.	0.6	19
58	Study of a new split-type magnetizing coil and pulsed field magnetization of Gd-Ba-Cu-O high-temperature superconducting bulk for rotating machinery application. Superconductor Science and Technology, 2006, 19, 1259-1263.	1.8	18
59	Amperometric cholesterol biosensors based on hybrid organic-inorganic Langmuir-Blodgett films. Thin Solid Films, 2009, 518, 596-599.	0.8	18
60	Flux pinning properties of Gd-Ba-Cu-O trapped field magnets grown by a modified top-seeded melt growth. Superconductor Science and Technology, 2014, 27, 044015.	1.8	18
61	Operating Temperature Influence on Performance of 10 MW Wind Turbine HTS Generators. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.1	18
62	Helium-Neon Gas Mixture Thermosyphon Cooling and Stability for Large Scale HTS Synchronous Motors. IEEE Transactions on Applied Superconductivity, 2013, 23, 5200704-5200704.	1.1	17
63	Waveform Control Pulse Magnetization for HTS Bulk With Flux Jump. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	17
64	Formation of Metallic Langmuir Film on the Water Surface with Fatty Acid and BEDO-TTF Molecules. Journal of Physical Chemistry B, 2001, 105, 4921-4927.	1.2	16
65	Solubility and superconductivity of $Gd_{1-x}Ba_{2x}Cu_3O_{7-\delta}$ compounds ($x=0.1, 0.05, 0.1, 0.15$ and 0.2). Physica C: Superconductivity and Its Applications, 2005, 417, 77-84.	0.6	16
66	Pulsed Field Magnetization Properties of Bulk RE-Ba-Cu-O as Pole-Field Magnets for HTS Rotating Machines. IEEE Transactions on Applied Superconductivity, 2011, 21, 1180-1184.	1.1	16
67	Comparative Study of 1-MW PM and HTS Synchronous Generators for Marine Current Turbine. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	16
68	Core Loss of a Bulk HTS Synchronous Machine at 2 and 3 T Rotor Magnetisation. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.1	16
69	Strong Resistivity Anomaly in a New Low-Dimensional Conductor $HfTe_5$. Molecular Crystals and Liquid Crystals, 1982, 81, 141-148.	0.9	15
70	HTS Bulk Pole-Field Magnets Motor With a Multiple Rotor Cooled by Liquid Nitrogen. IEEE Transactions on Applied Superconductivity, 2007, 17, 1553-1556.	1.1	15
71	Microstructural and superconducting properties in single-domain Gd-Ba-Cu-O bulk superconductors with <i>in situ</i> formed Fe_3O_4 ferrimagnetic particles. Superconductor Science and Technology, 2011, 24, 085001.	1.8	15
72	Effects of self-assembled monolayers on amperometric glucose biosensors based on an organic-inorganic hybrid system. Sensors and Actuators B: Chemical, 2012, 168, 249-255.	4.0	15

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73	Performance Comparison of MW Class Tubular Linear Generators for Wave Energy Conversion. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-6.	1.1	15
74	Crystal Structure of 90 K Superconductor, Orthorhombic Phase of LaBa ₂ Cu ₃ O _y Determined by Rietveld Analysis of X-Ray Powder Diffraction Data. Japanese Journal of Applied Physics, 1987, 26, L1555-L1557.	0.8	14
75	Structural properties of mixed Langmuir-Blodgett films of EDTTF(SC18) ₂ and behenic acid. Journal of Physics D: Applied Physics, 1991, 24, 1141-1147.	1.3	14
76	Optimization of a condensed-neon cooling system for a HTS synchronous motor with Gd-bulk HTS field-pole magnets. Journal of Physics: Conference Series, 2010, 234, 032009.	0.3	14
77	Enhanced pinning effect in air-processed Gd-123 bulk superconductors with BaTiO ₃ addition. Physica C: Superconductivity and Its Applications, 2012, 475, 51-56.	0.6	14
78	Electromechanical Design of an MW Class Wave Energy Converter With an HTS Tubular Linear Generator. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.1	14
79	Study of single pulsed-field magnetization of Gd-Ba-Cu-O bulk high-temperature superconductor with a split type of armature coil for rotating machinery. Superconductor Science and Technology, 2006, 19, S486-S490.	1.8	13
80	Pulsed-field magnetization of bulk HTS magnets in twinned rotor assembly for axial-type rotating machines. Superconductor Science and Technology, 2006, 19, S521-S524.	1.8	13
81	A 100-W grade closed-cycle thermosyphon cooling system used in HTS rotating machines. , 2012, , .		13
82	Flux pinning behaviors of a textured Gd-Ba-Cu-O superconductor mediated by the addition of BaTiO ₃ , TiO ₂ and BaO ₂ . Physica C: Superconductivity and Its Applications, 2014, 496, 28-34.	0.6	13
83	A novel strategy to prepare conducting LB films based on TTF derivatives. Supramolecular Science, 1997, 4, 413-416.	0.7	12
84	Magnetic transitions in thin films of La _{0.67} Ca _{0.33} MnO ₃ and Pr _{0.65} Ca _{0.35} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2000, 211, 254-258.	1.0	12
85	Enhanced J _c in air-processed GdBa ₂ Cu ₃ O _{7-δ} superconductors. Physica C: Superconductivity and Its Applications, 2005, 426-431, 613-617.	0.6	12
86	Influence of AC Magnetic Field on a Rotating Machine With Gd-Bulk HTS Field-Pole Magnets. IEEE Transactions on Applied Superconductivity, 2011, 21, 1185-1189.	1.1	12
87	Flux Deflection on Rotating Field Pole Magnets for HTS Machines. IEEE Transactions on Applied Superconductivity, 2013, 23, 4603304-4603304.	1.1	12
88	YBa ₂ Cu ₃ O _{7-δ} superconductor bulks composited by Y ₂ BaCuO ₅ nanoparticles derived from homogeneous nucleation catastrophe. Journal of the American Ceramic Society, 2017, 100, 3858-3864.	1.9	12
89	Oriented antibody immobilization on self-assembled monolayers applied as impedance biosensors. Journal of Physics: Conference Series, 2017, 924, 012015.	0.3	12
90	Overview Study on Electrical Design of Large-Scale Wind Turbine HTS Generators. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	12

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91	Observation of a soft phonon in linear chain compound (NbSe ₄) ₃ I by Raman scattering. Solid State Communications, 1984, 52, 379-383.	0.9	11
92	Crystal structure of Sr _{0.875} Nd _{0.125} CuO ₂ superconducting thin films. Physical Review B, 1994, 50, 9503-9510.	1.1	10
93	Evidence of photo-induced melting of the charge-ordered state in Pr _{0.65} Ca _{0.35} MnO ₃ by X-ray diffraction. Physica B: Condensed Matter, 1999, 271, 235-241.	1.3	10
94	Enhancement of Antigen-Presenting Capacity and Antitumor Immunity of Dendritic Cells Pulsed With Autologous Tumor-Derived RNA in Mice. Journal of Immunotherapy, 2003, 26, 420-431.	1.2	10
95	Bi-2223 Field-Poles Without Iron Core for an Axial Type of HTS Propulsion Motor. IEEE Transactions on Applied Superconductivity, 2009, 19, 1687-1691.	1.1	10
96	Transmission Electron Microscopy and Atomic Force Microscopy Observation of Air-Processed GdBa ₂ Cu ₃ O _{7-δ} Superconductors Doped with Metal Oxide Nanoparticles (Metal = Zr, Zn, and Sn). Japanese Journal of Applied Physics, 2009, 48, 023002.	0.8	10
97	Enhancement of the Critical Current Densities and Trapped Flux of Gd-Ba-Cu-O Bulk HTS Doped With Magnetic Particles. IEEE Transactions on Applied Superconductivity, 2011, 21, 2714-2717.	1.1	10
98	The Effectiveness of Pulsed-Field Magnetization with Respect to Different Performance Bulk Superconductors. Journal of Superconductivity and Novel Magnetism, 2012, 25, 61-66.	0.8	10
99	Trapped Magnetic Flux of Bulk HTS Magnets in the External AC Magnetic Field at Low Temperatures. IEEE Transactions on Applied Superconductivity, 2013, 23, 8201604-8201604.	1.1	10
100	Performance Comparison of 10-MW Wind Turbine Generators With HTS, Copper, and PM Excitation. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.1	10
101	Loss Analysis of a 3-MW High-Temperature Superconducting Ship Propulsion Motor. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.1	10
102	Comparative study of photo-induced effect on the charge-ordered state of Pr _{0.65} Ca _{0.35} MnO ₃ in powder and thin films. Journal of Magnetism and Magnetic Materials, 2000, 211, 133-138.	1.0	9
103	Crystal design of organic conductors using the iodine bond. Synthetic Metals, 2003, 135-136, 601-602.	2.1	9
104	Pulsed field magnetization properties for Gd-Ba-Cu-O superconductors impregnated with Bi-Sn-Cd alloy. Physica C: Superconductivity and Its Applications, 2006, 445-448, 408-411.	0.6	9
105	Light-induced ESR in polycrystalline and thin films of. Journal of Magnetism and Magnetic Materials, 2007, 310, 1008-1010.	1.0	9
106	Gd-123 bulk field pole magnets cooled with condensed neon for axial-gap type synchronous motor. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2008, 151, 111-116.	1.7	9
107	Pulsed field magnetization properties for a large single-grain Gd-Ba-Cu-O high-temperature superconductor bulk with a diameter of 140 mm by using a new type of pulsed copper split coil. Journal of Physics: Conference Series, 2008, 97, 012278.	0.3	9
108	Development of the cryo-rotary joint for a HTS synchronous motor with Gd-bulk HTS field-pole magnets. Journal of Physics: Conference Series, 2010, 234, 032039.	0.3	9

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109	Spatial variation of superconducting properties of Gd123 Bulk superconductors with magnetic particles addition. Physica C: Superconductivity and Its Applications, 2010, 470, 1219-1223.	0.6	9
110	Enhanced performance in bulk superconductor GdBa ₂ Cu ₃ O _{7-x} with additions of Fe ₂ O ₃ particles. Journal of Physics: Conference Series, 2010, 234, 012052.	0.3	9
111	Preparation of Amperometric Glucose Biosensor Based on 4-Mercaptobenzoic Acid. Physics Procedia, 2011, 14, 2-6.	1.2	9
112	TiO ₂ addition effect on flux pinning properties of bulk GdBa ₂ Cu ₃ O _{7-x} superconductors. Physica C: Superconductivity and Its Applications, 2013, 484, 112-116.	0.6	9
113	Recent advances in superconducting rotating machines: an introduction to the "Focus on Superconducting Rotating Machines"™. Superconductor Science and Technology, 2016, 29, 060303.	1.8	9
114	Waveform control pulse magnetization for HTS bulk magnet. Journal of Physics: Conference Series, 2016, 695, 012009.	0.3	9
115	Study of HTS Machine System Cooling With a Closed-Loop Thermosyphon: Stability of Unsteady Heat Load and Transient Conduction. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.1	9
116	Design Study of Large-Scale HTS Linear Generators for Wave Energy Conversion. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.1	9
117	Preparation of conducting single crystal [EDT-TTF(SC18) ₂] ₂ I ₃ . Synthetic Metals, 1995, 71, 2077-2078.	2.1	8
118	Recent progress in metallic Langmuir-Blodgett films based on TTF derivatives. Thin Solid Films, 1998, 327-329, 14-18.	0.8	8
119	Orientation-controlled epitaxy of A ₂ CuO ₃ (A: Sr, Ca) films with large optical nonlinearity. Applied Physics Letters, 2001, 79, 1754-1756.	1.5	8
120	Metallic Langmuir and Langmuir-Blodgett films based on TTF derivatives and fatty acid. Materials Science and Engineering C, 2002, 22, 227-232.	3.8	8
121	Field-effect transistors using Langmuir-Blodgett films of neutral long-chain TCNQ derivatives. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 257-258, 381-384.	2.3	8
122	The effect of inhomogeneous flux penetration into bulk superconductor by pulsed field magnetization. Superconductor Science and Technology, 2005, 18, 1179-1182.	1.8	8
123	Effects of interfacial modification on the performance of an organic transistor based on TCNQ LB films. Thin Solid Films, 2008, 516, 2747-2752.	0.8	8
124	Immobilization of glucose oxidase in Langmuir-Blodgett films containing Prussian blue nano-clusters. Thin Solid Films, 2008, 516, 8860-8864.	0.8	8
125	Practical technique of pulsed field magnetization for bulk HTS application. Journal of Physics: Conference Series, 2008, 97, 012295.	0.3	8
126	Growth and properties of air-processed GdBa ₂ Cu ₃ O _{7-x} superconductors with fined Gd ₂ BaCuO ₅ and Gd ₂ Ba ₄ CuFeO _y additions. Physica C: Superconductivity and Its Applications, 2009, 469, 1169-1172.	0.6	8

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127	Cryogenic Rotary Joints Applied to the Cooling of Superconducting Rotating Machinery. IEEE Transactions on Applied Superconductivity, 2013, 23, 5201204-5201204.	1.1	8
128	The discrepancies in different facets of MgB ₂ bulk superconductors prepared under various sintering durations by spark plasma sintering. Superconductor Science and Technology, 2021, 34, 045011.	1.8	8
129	Superconducting Properties in Metallic Phase of NbS ₃ . Molecular Crystals and Liquid Crystals, 1985, 121, 79-82.	0.9	7
130	Raman scattering in linear-chain compounds (NbSe ₄) _{10/13I} and (NbSe ₄) _{3I} . Synthetic Metals, 1987, 19, 869-874.	2.1	7
131	Structural study of La _{1+x} Ba _{2-x} Cu ₃ O _y . Physica C: Superconductivity and Its Applications, 1988, 153-155, 964-965.	0.6	7
132	Successive phase transitions in the linear-chain semiconductor (NbSe ₄) _{3I} studied by Raman scattering and electrical resistivity. Physical Review B, 1988, 38, 2012-2020.	1.1	7
133	Langmuir-Blodgett Films of Bedo-TTF / Behenic Acid : Effect of the Molecular Fraction of Bedo-TTF and of the Substitution of Behenic Acid for other Amphiphilic Molecules. Molecular Crystals and Liquid Crystals, 1998, 322, 99-104.	0.3	7
134	Pulsed Field Waveforms for Magnetization of HTS Gd-Ba-Cu-O Bulk Magnets. Journal of Physics: Conference Series, 2006, 43, 539-542.	0.3	7
135	Structure and magnetic properties on. Journal of Magnetism and Magnetic Materials, 2007, 310, 1002-1004.	1.0	7
136	Magnetic properties and photoinduced magnetism on Y _{0.25} Sr _{0.75} CoO ₃ . Physica Status Solidi (B): Basic Research, 2007, 244, 4550-4553.	0.7	7
137	Relaxation Properties of the Trapped Flux of Bulk High-Temperature Superconductors at Different Magnetization Levels. Journal of Superconductivity and Novel Magnetism, 2012, 25, 331-338.	0.8	7
138	Three-Dimensional Analysis of Magnetic Flux Deflector. IEEE Transactions on Applied Superconductivity, 2013, 23, 4900905-4900905.	1.1	7
139	Performance enhancement of Gd _{1-x} Ba _x Cu _{1-y} O high temperature superconducting bulks by BaHfO ₃ as pinning centers. Physica C: Superconductivity and Its Applications, 2015, 510, 54-56.	0.6	7
140	Protein-G-based human immunoglobulin G biosensing by electrochemical impedance spectroscopy. Japanese Journal of Applied Physics, 2016, 55, 02BE06.	0.8	7
141	Significant flux trapping in single grain GdBCO bulk superconductor under off-axis field cooled magnetization. Superconductor Science and Technology, 2017, 30, 035019.	1.8	7
142	Study on Key Design Technologies of a Wave Energy Converter With an HTS Linear Generator. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-8.	1.1	7
143	Structural Phase Transition In (Nbse ₄) _{3I} . Molecular Crystals and Liquid Crystals, 1985, 121, 15-18.	0.9	6
144	Crystal structure and far-infrared reflectance at 30 K in linear-chain semiconductor (NbSe ₄) _{3I} . Synthetic Metals, 1987, 19, 863-868.	2.1	6

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145	Molecular orientation of polyiodides in a conducting Langmuir-Blodgett film based on TTF type π -charge-transfer salt. <i>Synthetic Metals</i> , 1993, 56, 2560-2565.	2.1	6
146	Preparation of a new conducting langmuir-blodgett films based on oxygen substituted ttf derivative. <i>Synthetic Metals</i> , 1999, 102, 1699-1700.	2.1	6
147	Conducting properties of Langmuir-Blodgett films based on BEDO-TTF. <i>Synthetic Metals</i> , 1999, 102, 1723-1724.	2.1	6
148	Deposition of TTF derivative on carboxyl terminated self-assembled monolayers. <i>Applied Surface Science</i> , 2005, 246, 392-396.	3.1	6
149	Conducting organic Langmuir-Blodgett films as chemical sensors. <i>Sensors and Actuators B: Chemical</i> , 2005, 108, 404-408.	4.0	6
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