

Gerhard Jakob

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2139022/publications.pdf>

Version: 2024-02-01

274
papers

6,953
citations

57631

44
h-index

76769

74
g-index

276
all docs

276
docs citations

276
times ranked

6740
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Spin-Orbit Torques Across the Phase Transition in VO ₂ /NiFe Heterostructure. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	6
2	Observation of the Orbital Rashba-Edelstein Magnetoresistance. <i>Physical Review Letters</i> , 2022, 128, 067201.	2.9	46
3	Average power scaling of THz spintronic emitters efficiently cooled in reflection geometry. <i>Optics Express</i> , 2022, 30, 20451.	1.7	10
4	Terahertz-wave decoding of femtosecond extreme-ultraviolet light pulses. <i>Optica</i> , 2022, 9, 545.	4.8	2
5	Transition of laser-induced terahertz spin currents from torque- to conduction-electron-mediated transport. <i>Physical Review B</i> , 2022, 105, .	1.1	17
6	Nanoscale subsurface dynamics of solids upon high-intensity femtosecond laser irradiation observed by grazing-incidence x-ray scattering. <i>Physical Review Research</i> , 2022, 4, .	1.3	5
7	Description of intermodulation generation of nonlinear responses beyond the validity of the power series expansion. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	2
8	Terahertz Spin-Charge Conversion by Interfacial Skew Scattering in Metallic Bilayers. <i>Advanced Materials</i> , 2021, 33, e2006281.	11.1	44
9	Electrical detection of the spin reorientation transition in antiferromagnetic TmFeO ₃ thin films by spin Hall magnetoresistance. <i>Physical Review B</i> , 2021, 103, .	1.1	5
10	Broadband Terahertz Probes of Anisotropic Magnetoresistance Disentangle Extrinsic and Intrinsic Contributions. <i>Physical Review X</i> , 2021, 11, .	2.8	22
11	Heisenberg Exchange and Dzyaloshinskii-Moriya Interaction in Ultrathin Pt(W)/CoFeB Single and Multilayers. <i>IEEE Transactions on Magnetics</i> , 2021, 57, 1-7.	1.2	9
12	Magnetic Coupling in $Y_3Fe_5O_{12}/GdO_3$. <i>Physical Review Applied</i> , 2021, 16, .		
13	Modulating the polarization of broadband terahertz pulses from a spintronic emitter at rates up to 10 kHz. <i>Optica</i> , 2021, 8, 1013.	4.8	33
14	Imprinting the complex dielectric permittivity of liquids into the spintronic terahertz emission. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	8
15	Tailoring large magnetoresistance in Dirac semimetal SrIrO ₃ films. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	2
16	Impact of the interplay of piezoelectric strain and current-induced heating on the field-like spin-orbit torque in perpendicularly magnetized Ta/Co ₂₀ Fe ₆₀ B ₂₀ /Ta/MgO film. <i>Applied Physics Letters</i> , 2021, 118, 032401.	1.5	2
17	Assembly of iron oxide nanosheets at the air-water interface by leucine-histidine peptides. <i>RSC Advances</i> , 2021, 11, 27965-27968.	1.7	3
18	Anomalous Hall effect in magnetic insulator heterostructures: Contributions from spin-Hall and magnetic-proximity effects. <i>Physical Review B</i> , 2021, 104, .	1.1	13

#	ARTICLE	IF	CITATIONS
19	Propagation Length of Antiferromagnetic Magnons Governed by Domain Configurations. Nano Letters, 2020, 20, 306-313.	4.5	48
20	Enhancement of spin Hall conductivity in Wâ€“Ta alloy. Applied Physics Letters, 2020, 117, .	1.5	17
21	Spinâ€“orbit torque driven multi-level switching in He+ irradiated Wâ€“CoFeBâ€“MgO Hall bars with perpendicular anisotropy. Applied Physics Letters, 2020, 116, .	1.5	19
22	Rapid Online Solid-State Battery Diagnostics with Optically Pumped Magnetometers. Applied Sciences (Switzerland), 2020, 10, 7864.	1.3	9
23	Phonon Bridge Effect in Superlattices of Thermoelectric TiNiSn/HfNiSn With Controlled Interface Intermixing. Nanomaterials, 2020, 10, 1239.	1.9	2
24	Harnessing Orbital-to-Spin Conversion of Interfacial Orbital Currents for Efficient Spin-Orbit Torques. Physical Review Letters, 2020, 125, 177201.	2.9	92
25	Identifying the origin of the nonmonotonic thickness dependence of spin-orbit torque and interfacial Dzyaloshinskii-Moriya interaction in a ferrimagnetic insulator heterostructure. Physical Review B, 2020, 102, .	1.1	19
26	The challenge in realizing an exchange coupled BiFeO3-double perovskite bilayer. Journal of Magnetism and Magnetic Materials, 2020, 506, 166766.	1.0	1
27	Current induced chiral domain wall motion in CuIr/CoFeB/MgO thin films with strong higher order spinâ€“orbit torques. Applied Physics Letters, 2020, 116, .	1.5	5
28	Impact of Annealing Temperature on Tunneling Magnetoresistance Multilayer Stacks. IEEE Magnetics Letters, 2020, 11, 1-5.	0.6	9
29	Electric-Field Control of Spin-Orbit Torques in Perpendicularly Magnetized $W/MgO/CoFeB/MgO$ Films. Physical Review Letters, 2020, 124, 217701.	2.9	45
30	Generation of broadband THz transients via metallic spintronic emitters driven by 20-fs pulses at 1030 nm. , 2020, , .		0
31	Subamorphous Thermal Conductivity of Crystalline Half-Heusler Superlattices. Nanoscale and Microscale Thermophysical Engineering, 2019, 23, 1-9.	1.4	9
32	Enhanced thermoelectric properties of lightly Nb doped SrTiO ₃ thin films. Nanoscale Advances, 2019, 1, 3647-3653.	2.2	9
33	High sensitivity characterization of the nonlinear electric susceptibility of a glass ceramic in the microwave range. Applied Physics Letters, 2019, 114, 212903.	1.5	3
34	Antenna-coupled spintronic terahertz emitters driven by a 1550â€“nm femtosecond laser oscillator. Applied Physics Letters, 2019, 115, .	1.5	48
35	Hole localization in thermoelectric half-Heusler (Zr _{0.5} Hf _{0.5})Co(Sb T_j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (m	0.8	3
36	Interfacial Dzyaloshinskii-Moriya interaction and chiral magnetic textures in a ferrimagnetic insulator. Physical Review B, 2019, 100, .	1.1	73

#	ARTICLE	IF	CITATIONS
37	Impact of Pump Wavelength on Terahertz Emission of a Cavity-Enhanced Spintronic Trilayer. , 2019, , .		0
38	Enhancing domain wall velocity through interface intermixing in W-CoFeB-MgO films with perpendicular anisotropy. Applied Physics Letters, 2019, 115, .	1.5	34
39	Impact of pump wavelength on terahertz emission of a cavity-enhanced spintronic trilayer. Applied Physics Letters, 2019, 114, .	1.5	54
40	Microstructure Design for Fast Lifetime Measurements of Magnetic Tunneling Junctions. Sensors, 2019, 19, 583.	2.1	1
41	Gilbert damping of CoFe-alloys. Journal Physics D: Applied Physics, 2019, 52, 325001.	1.3	10
42	Thermal skyrmion diffusion used in a reshuffler device. Nature Nanotechnology, 2019, 14, 658-661.	15.6	221
43	Tuning of interfacial perpendicular magnetic anisotropy and domain structures in magnetic thin film multilayers. Journal Physics D: Applied Physics, 2019, 52, 295002.	1.3	5
44	Individual skyrmion manipulation by local magnetic field gradients. Communications Physics, 2019, 2, .	2.0	74
45	Effect of DC Electric Field on the Emitted THz Signal of Antenna-Coupled Spintronic Emitters. , 2019, , .		0
46	Magnetic Exchange Interaction in Nitronyl Nitroxide Radical-Based Single Crystals of 3d Metal Complexes: A Combined Experimental and Theoretical Study. ACS Omega, 2018, 3, 2918-2933.	1.6	12
47	Complex Terahertz and Direct Current Inverse Spin Hall Effect in YIG/Cu _{1-x} Bilayers Across a Wide Concentration Range. Nano Letters, 2018, 18, 1064-1069.	4.5	44
48	Determining Magnetite/Maghemite Composition and Core-Shell Nanostructure from Magnetization Curve for Iron Oxide Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 28292-28301.	1.5	60
49	Terahertz spectroscopy for all-optical spintronic characterization of the spin-Hall-effect metals Pt, W and Cu ₈₀ Ir ₂₀ . Journal Physics D: Applied Physics, 2018, 51, 364003.	1.3	78
50	Femtosecond formation dynamics of the spin Seebeck effect revealed by terahertz spectroscopy. Nature Communications, 2018, 9, 2899.	5.8	131
51	High-Performance Flexible Magnetic Tunnel Junctions for Smart Miniaturized Instruments. Advanced Engineering Materials, 2018, 20, 1800471.	1.6	24
52	Large modulation of perpendicular magnetic anisotropy in a BiFeO ₃ /Al ₂ O ₃ /Pt/Co/Pt multiferroic heterostructure via spontaneous polarizations. Applied Physics Letters, 2018, 113, 062401.	1.5	7
53	Reconstruction of an effective magnon mean free path distribution from spin Seebeck measurements in thin films. New Journal of Physics, 2017, 19, 013011.	1.2	10
54	Synergy of Miniemulsion and Solvothermal Conditions for the Low-Temperature Crystallization of Magnetic Nanostructured Transition-Metal Ferrites. Chemistry of Materials, 2017, 29, 985-997.	3.2	30

#	ARTICLE	IF	CITATIONS
55	Combined Experimental and Theoretical Investigation of Heating Rate on Growth of Iron Oxide Nanoparticles. Chemistry of Materials, 2017, 29, 9648-9656.	3.2	37
56	Effect of precursor concentration on size evolution of iron oxide nanoparticles. CrystEngComm, 2017, 19, 6694-6702.	1.3	81
57	Investigation of the Dzyaloshinskii-Moriya interaction and room temperature skyrmions in W/CoFeB/MgO thin films and microwires. Applied Physics Letters, 2017, 111, .	1.5	74
58	Temperature dependence of the non-local spin Seebeck effect in YIG/Pt nanostructures. AIP Advances, 2017, 7, .	0.6	27
59	Ultrabroadband single-cycle terahertz pulses with peak fields of 300 kV cm^{-1} from a metallic spintronic emitter. Applied Physics Letters, 2017, 110, .	1.5	158
60	Alloy-Like Behavior of the Thermal Conductivity of Nonsymmetric Superlattices. Nanoscale and Microscale Thermophysical Engineering, 2017, 21, 287-295.	1.4	0
61	Probing ultrafast changes of spin and charge density profiles with resonant XUV magnetic reflectivity at the free-electron laser FERMI. Structural Dynamics, 2017, 4, 055101.	0.9	7
62	CADEM: calculate X-ray diffraction of epitaxial multilayers. Journal of Applied Crystallography, 2017, 50, 288-292.	1.9	13
63	Modification of magnetic anisotropy in Ni thin films by poling of (011) PMN-PT piezosubstrates. Ferroelectrics, 2016, 499, 135-142.	0.3	2
64	The effect of interface roughness on exchange bias in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3/\text{BiFeO}_3$ heterostructures. Applied Physics Letters, 2016, 108, .	1.5	54
65	An overview of the mid-infrared spectro-interferometer MATISSE: science, concept, and current status. , 2016, , .		1
66	Thermal generation of spin current in epitaxial CoFe_2O_4 thin films. Applied Physics Letters, 2016, 108, .	1.5	26
67	Efficient metallic spintronic emitters of ultrabroadband terahertz radiation. Nature Photonics, 2016, 10, 483-488.	15.6	605
68	Influence of Thickness and Interface on the Low-Temperature Enhancement of the Spin Seebeck Effect in YIG Films. Physical Review X, 2016, 6, .	2.8	103
69	Half-Heusler superlattices as model systems for nanostructured thermoelectrics. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 732-738.	0.8	6
70	Quantitative analysis of magnetization reversal in Ni thin films on unpoled and poled $(0\bar{1}1)$ $[\text{PbMg}_{1/3}\text{Nb}_{2/3}\text{O}_3]_{0.68}/[\text{PbTiO}_3]_{0.32}$ piezoelectric substrates. Journal Physics D: Applied Physics, 2016, 49, 335004.		2
71	Tailoring of the electrical and thermal properties using ultra-short period non-symmetric superlattices. APL Materials, 2016, 4, 104902.	2.2	4
72	Influence of the MgO barrier thickness on the lifetime characteristics of magnetic tunnelling junctions for sensors. Journal Physics D: Applied Physics, 2016, 49, 225001.	1.3	2

#	ARTICLE	IF	CITATIONS
73	Origin of the spin Seebeck effect in compensated ferrimagnets. Nature Communications, 2016, 7, 10452.	5.8	154
74	Multiferroic BiFeO ₃ for conductance control at the LaAlO ₃ /SrTiO ₃ -interface. , 2015, , .		0
75	Thermal conductance of thin film YIG determined using Bayesian statistics. Physical Review B, 2015, 92, .	1.1	9
76	Reduced thermal conductivity of TiNiSn/HfNiSn superlattices. Physical Review B, 2015, 92, .	1.1	33
77	Investigations on Ni-Co-Mn-Sn thin films: Effect of substrate temperature and Ar gas pressure on the martensitic transformations and exchange bias properties. AIP Advances, 2015, 5, .	0.6	4
78	Thermoelectric sintered glass-ceramics with a Bi ₂ Sr ₂ Co ₂ O _x phase. Applied Physics A: Materials Science and Processing, 2015, 120, 59-66.	1.1	8
79	Length Scale of the Spin Seebeck Effect. Physical Review Letters, 2015, 115, 096602.	2.9	163
80	Magnetic field dependent thermal conductance in La _{0.67} Ca _{0.33} MnO ₃ . Journal of Magnetism and Magnetic Materials, 2015, 381, 188-193.	1.0	7
81	Structural characterization and anomalous Hall effect of Rh ₂ MnGe thin films. Journal of Magnetism and Magnetic Materials, 2015, 381, 360-364.	1.0	3
82	Enhanced Magneto-optic Kerr Effect and Magnetic Properties of $\text{CeY}_{1-x}\text{O}_x$. Physical Review Applied, 2015, 4, .	1.0	19
83	Electric field modification of magnetotransport in Ni thin films on (011) PMN-PT piezsubstrates. Applied Physics Letters, 2015, 106, .	1.5	33
84	Ellipsoid-shaped superparamagnetic nanoclusters through emulsion electrospinning. Chemical Communications, 2015, 51, 3758-3761.	2.2	11
85	Conductance control at the LaAlO ₃ /SrTiO ₃ -interface by a multiferroic BiFeO ₃ ad-layer. Applied Physics Letters, 2014, 104, .	1.5	5
86	Thermoelectric properties of p-type Bi ₂ Sr ₂ Co ₂ O ₉ glass-ceramics. Semiconductor Science and Technology, 2014, 29, 124011.	1.0	4
87	Direct observation of temperature dependent magnetic domain structure of the multiferroic La _{0.66} Sr _{0.34} MnO ₃ /BiFeO ₃ bilayer system by x-ray linear dichroism- and x-ray magnetic circular dichroism-photoemission electron microscopy. Journal of Applied Physics, 2014, 115, .	1.1	7
88	Pulsed laser deposition of epitaxial yttrium iron garnet films with low Gilbert damping and bulk-like magnetization. APL Materials, 2014, 2, .	2.2	183
89	Thermal conductivity of half-Heusler superlattices. Semiconductor Science and Technology, 2014, 29, 124003.	1.0	11
90	Investigation of the magnetic properties of insulating thin films using the longitudinal spin Seebeck effect. Journal of Applied Physics, 2014, 115, 17C731.	1.1	19

#	ARTICLE	IF	CITATIONS
91	Structural and magnetic dynamics in the magnetic shape-memory alloy Ni_2MnGa . Physical Review B, 2014, 90, .	1.1	20
92	Tailor-Made Nanocontainers for Combined Magnetic-Field-Induced Release and MRI. Macromolecular Bioscience, 2014, 14, 1205-1214.	2.1	12
93	Electronic properties of Co_2FeSi investigated by X-ray magnetic linear dichroism. Journal of Magnetism and Magnetic Materials, 2014, 368, 364-373.	1.0	4
94	Detailed photoluminescence study of vapor deposited films of different surface morphology. Physica Status Solidi (B): Basic Research, 2014, 251, 2247-2256.	0.7	6
95	Magnetic states in low-pinning high-anisotropy material nanostructures suitable for dynamic imaging. Physical Review B, 2013, 87, .	1.1	17
96	SrTiO_3 glass-ceramics as oxide thermoelectrics. Journal of Materials Science, 2013, 48, 2812-2816.	1.7	11
97	Physical vapor deposition of Bi_2S_3 as absorber material in thin film photovoltaics. Thin Solid Films, 2013, 535, 394-397.	0.8	37
98	Luminescent and Magnetoresponse Multifunctional Chalcogenide/Polymer Hybrid Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 5999-6005.	1.5	24
99	Magnetic domain structure of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ thin-films probed at variable temperature with scanning electron microscopy with polarization analysis. Applied Physics Letters, 2013, 102, .	1.5	19
100	Transport Properties of $\text{Co}_2(\text{Mn, Fe})\text{Si}$ Thin Films. , 2013, , 331-342.		0
101	Thermal conductivity of thermoelectric Al -substituted ZnO thin films. Physica Status Solidi - Rapid Research Letters, 2013, 7, 364-367.	1.2	22
102	Metal Oxide/Polymer Hybrid Nanoparticles with Versatile Functionality Prepared by Controlled Surface Crystallization. Advanced Functional Materials, 2013, 23, 451-466.	7.8	61
103	Inhibition of the detrimental double vortex-kink formation in thick $\text{YBa}_2\text{Cu}_3\text{O}_7$ films with BaZrO_3 nanorods. Superconductor Science and Technology, 2013, 26, 045008.	1.8	6
104	Multiferroic and structural properties of BiFeO_3 close to the strain induced phase transition on different substrates. Journal of Applied Physics, 2013, 113, 17D907.	1.1	13
105	Exchange bias effect in the martensitic state of Ni-Co-Mn-Sn film. Applied Physics Letters, 2013, 102, .	1.5	36
106	Exchange coupling in the correlated electronic states of amorphous GdFe films. Physical Review B, 2013, 88, .	1.1	9
107	Organic-Inorganic Hybrids: Metal Oxide/Polymer Hybrid Nanoparticles with Versatile Functionality Prepared by Controlled Surface Crystallization (Adv. Funct. Mater. 4/2013). Advanced Functional Materials, 2013, 23, 398-398.	7.8	0
108	Fabrication and characterization of semiconducting half-Heusler YPtSb thin films. Physica Status Solidi - Rapid Research Letters, 2013, 7, 145-147.	1.2	4

#	ARTICLE	IF	CITATIONS
109	Nb-doped SrTiO ₃ glass-ceramics as high temperature stable n-type oxide thermoelectrics. , 2012, , .		2
110	Hard x-ray photoemission spectroscopy of Bi ₂ S ₃ thin films. Journal of Applied Physics, 2012, 112, 053705.	1.1	7
111	Bi-2212 and Y123 highly curved single-crystal-like objects: whiskers, bows and ring-like structures. Superconductor Science and Technology, 2012, 25, 105003.	1.8	12
112	Structure and Microscopic Magnetism of Epitaxial Ni ₂ MnGa Films. Advanced Engineering Materials, 2012, 14, 687-695.	1.6	7
113	Epitaxial growth and thermoelectric properties of TiNiSn and Zr _{0.5} Hf _{0.5} NiSn thin films. Thin Solid Films, 2011, 520, 1010-1014.	0.8	32
114	Microstructure of freestanding single-crystalline Ni ₂ MnGa thin films. Acta Materialia, 2011, 59, 5067-5073.	3.8	26
115	Microscopic origin of magnetic anisotropy in martensitic Ni ₂ MnGa. Physical Review B, 2011, 83, . Element-specific magnetic properties of Co ₂ MnAl	1.1	21
116	Exploring Co ₂ MnAl Heusler compound for anomalous Hall effect sensors. Applied Physics Letters, 2011, 99, .	1.5	63
117	Electronic structure and symmetry of valence states of epitaxial NiTiSn and NiZr _{0.5} Hf _{0.5} Sn thin films by hard x-ray photoelectron spectroscopy. Applied Physics Letters, 2011, 99, .	1.5	10
118	Influence of disorder on anomalous Hall effect for Heusler compounds. Physical Review B, 2011, 83, . Element-specific magnetic properties of Co ₂ MnAl	1.1	41
119			

#	ARTICLE	IF	CITATIONS
127	Hall effect and electronic structure of films. Journal of Magnetism and Magnetic Materials, 2010, 322, 579-584.	1.0	15
128	Non-centro-symmetric superconductors $\text{Li}_{2}\text{Pd}_{3}\text{B}$ and $\text{Li}_{2}(\text{Pd}_{0.8}\text{Pt}_{0.2})_{3}\text{B}$: amplitude and phase fluctuation analysis of the experimental magnetization data. Superconductor Science and Technology, 2010, 23, 105018.	1.8	8
129	Improvement of the critical current density of spark plasma sintered MgB_{2} by C_{60} addition. Superconductor Science and Technology, 2010, 23, 095002.	1.8	37
130	Comment on "Enhanced spin injection and voltage bias in $(\text{Zn},\text{Co})\text{O}/\text{MgO}/(\text{Zn},\text{Co})\text{O}$ magnetic tunnel junctions" [Appl. Phys. Lett. 95, 232508 (2009)]. Applied Physics Letters, 2010, 96, 116101.	1.5	1
131	Hyperfine magnetic field on iron atoms and Co "Fe disordering in Co_{2}FeSi . Journal of Applied Physics, 2010, 107, 09B106.	1.1	23
132	Full Tunability of Strain along the fcc-bcc Bain Path in Epitaxial Films and Consequences for Magnetic Properties. Physical Review Letters, 2009, 103, 216101.	2.9	73
133	Off-stoichiometry in Co_{2}FeSi thin films sputtered from stoichiometric targets revealed by nuclear magnetic resonance. Journal Physics D: Applied Physics, 2009, 42, 084017.	1.3	21
134	Compositional dependence of element-specific magnetic moments in Ni_{2}MnGa films. Journal Physics D: Applied Physics, 2009, 42, 084008.	1.3	19
135	Hall effect in laser ablated $\text{Co}_{2}(\text{Mn},\text{Fe})\text{Si}$ thin films. Journal Physics D: Applied Physics, 2009, 42, 084012.	1.3	16
136	Structural and Magnetic Properties of Epitaxial Ni_{2}MnGa Thin Films. Materials Science Forum, 2009, 635, 155-160.	0.3	11
137	Spin-resolved unoccupied density of states in epitaxial Heusler-alloy films. Physical Review B, 2009, 80, .	1.1	34
138	Exchange stiffness in the Co_{2}FeSi Heusler compound. Journal Physics D: Applied Physics, 2009, 42, 232001.	1.3	28
139	Analysis of magnetization relaxation in MgB_{2} bulk samples obtained by electric-field assisted sintering. Physica C: Superconductivity and Its Applications, 2008, 468, 2279-2282.	0.6	11
140	Origin of the plateau in the temperature dependence of the normalized magnetization relaxation rate in disordered high-temperature superconductors. Physical Review B, 2008, 78, .	1.1	24
141	XMCD studies on Co and Li doped ZnO magnetic semiconductors. New Journal of Physics, 2008, 10, 055009.	1.2	138
142	Growth and magnetic control of twinning structure in thin films of Heusler shape memory compound Ni_{2}MnGa . Applied Physics Letters, 2008, 93, .	1.5	39
143	Pulsed laser deposition of ferromagnetic $\text{Zn}_{0.95}\text{Co}_{0.05}\text{O}$ thin films. Applied Physics Letters, 2008, 93, 152509.	1.5	14
144	Suppression of martensitic phase transition at the Ni_{2}MnGa film surface. Applied Physics Letters, 2008, 93, 022501.	1.5	20

#	ARTICLE	IF	CITATIONS
145	Epitaxial growth and properties of (001)-oriented TbBaCo ₂ O ₆ films. Journal of Applied Physics, 2008, 103, 013907.	1.1	3
146	Structural, magnetic and transport properties of Co ₂ FeSi Heusler films. Journal Physics D: Applied Physics, 2007, 40, 1548-1551.	1.3	27
147	Interface magnetization of ultrathin epitaxial Co ₂ FeSi(110)/Al ₂ O ₃ films. Journal Physics D: Applied Physics, 2007, 40, 1552-1557.	1.3	35
148	Ion beam induced modification of exchange interaction and spin-orbit coupling in the Co ₂ FeSi Heusler compound. Journal Physics D: Applied Physics, 2007, 40, 1558-1562.	1.3	13
149	Solid state reaction at the interface between Heusler alloys and Al cap accelerated by elevated temperature and rough surface. Applied Physics Letters, 2007, 91, .	1.5	12
150	Correlation of electronic structure and martensitic transition in epitaxial Ni ₂ MnGa films. Physical Review B, 2007, 76, .	1.1	77
151	Location of the mean-field critical temperature of underdoped YBa ₂ Cu ₃ O _y films. Physical Review B, 2007, 75, .	1.1	1
152	Correlation of local disorder and electronic properties in the Heusler alloy Co ₂ Cr _{0.6} Fe _{0.4} Al. Journal Physics D: Applied Physics, 2007, 40, 1539-1543.	1.3	11
153	Martensite Transition and Microscopic Magnetism of Epitaxial Ni ₂ MnGa Films. Materials Research Society Symposia Proceedings, 2007, 1050, 1.	0.1	1
154	Magnetism of Co-doped ZnO thin films. Physical Review B, 2007, 75, .	1.1	181
155	Huge quadratic magneto-optical Kerr effect and magnetization reversal in the Co ₂ FeSi Heusler compound. Journal Physics D: Applied Physics, 2007, 40, 1563-1569.	1.3	79
156	Vortex-antivortex unbinding in oxygen-deficient YBa ₂ Cu ₃ O _{7-x} films. Physica C: Superconductivity and Its Applications, 2007, 463-465, 236-239.	0.6	0
157	Vortex-system ordering during magnetisation measurements in YBa ₂ Cu ₃ O _{7-x} films at low temperatures. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1206-1207.	0.6	1
158	Relaxation of remnant magnetisation in YBa ₂ Cu ₃ O _{7-x} films. Physica C: Superconductivity and Its Applications, 2007, 460-462, 1243-1244.	0.6	6
159	Epitaxial films of the magnetic shape memory material. Journal of Magnetism and Magnetic Materials, 2007, 310, 2779-2781.	1.0	47
160	Electron spin resonance study of the local properties of the microscopic phase separation in La _{1-x} Ca _x MnO ₃ single-crystal films. Journal of Experimental and Theoretical Physics, 2007, 105, 79-85.	0.2	4
161	130-K Superconductivity in the Hg-Ba-Ca-Cu-O System. AIP Conference Proceedings, 2006, .	0.3	0
162	Mixed-State Hall Angle and Hall Conductivity in Hg, Re-Containing HTSC Thin Films. Journal of Physics: Conference Series, 2006, 43, 259-262.	0.3	0

#	ARTICLE	IF	CITATIONS
163	Reduction of surface magnetism of Co ₂ Cr _{0.6} Fe _{0.4} Al Heusler alloy films. Applied Physics Letters, 2006, 88, 072506.	1.5	41
164	Epitaxial film growth and magnetic properties of Co ₂ FeSi. Physical Review B, 2006, 74, .	1.1	73
165	Determination of two-dimensional zero-magnetic-field- ν exponent in Bi ₂ Sr ₂ CaCu ₂ O ₈ + δ . Physical Review B, 2006, 73, .	1.1	5
166	Thin epitaxial films of the Heusler compound. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1104-1107.	1.0	29
167	Pulsed laser deposition of Sr ₂ FeMoO ₆ thin films. Journal of Magnetism and Magnetic Materials, 2005, 294, e119-e122.	1.0	6
168	Magnetic tunneling junctions with the Heusler compound. Journal of Magnetism and Magnetic Materials, 2005, 290-291, 1127-1130.	1.0	19
169	Picosecond energy relaxation in. Physica B: Condensed Matter, 2005, 359-361, 1297-1299.	1.3	3
170	Ultrafast Optical and Magneto-Optical Dynamics in Colossal-Magnetoresistance Manganites. Acta Physica Polonica A, 2005, 107, 211-214.	0.2	0
171	Field dependence of orbital magnetic moments in the Heusler compounds Co ₂ FeAl and Co ₂ Cr _{0.6} Fe _{0.4} Al. Applied Physics A: Materials Science and Processing, 2004, 79, 557-563.	1.1	61
172	Superconductivity in high-quality (Hg _{0.9} Re _{0.1})Ba ₂ CaCu ₂ O ₆ + δ HTSC thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2004, 1, 1961-1964.	0.8	0
173	Shift of the surface-barrier part of the irreversibility line due to columnar defects in Bi ₂ Sr ₂ CaCu ₂ O ₈ thin films. Physica C: Superconductivity and Its Applications, 2004, 402, 114-118.	0.6	1
174	Preparation, scaling behavior of activation energy, Hall effect, and flux-flow anisotropy of (Hg _{0.9} Re _{0.1})Ba ₂ CaCu ₂ O ₆ + δ HTS thin films. Physica C: Superconductivity and Its Applications, 2004, 402, 354-364.	0.6	11
175	Normal and mixed state Hall effect in (Hg _{0.9} Re _{0.1})Ba ₂ CaCu ₂ O ₆ + δ fully textured HTSC thin films. Physica C: Superconductivity and Its Applications, 2004, 415, 62-68.	0.6	5
176	Enhanced orbital magnetic moments in the Heusler compounds ,, Journal of Magnetism and Magnetic Materials, 2004, 272-276, 758-759.	1.0	21
177	Crystal structure and magnetism of the double perovskites A ₂ FeReO ₆ (A=Ca, Sr, Ba). Journal of Magnetism and Magnetic Materials, 2004, 272-276, E607-E608.	1.0	24
178	Structural, magnetic, and transport properties of high-quality epitaxial Sr ₂ FeMoO ₆ thin films prepared by pulsed laser deposition. Journal of Applied Physics, 2004, 96, 2736-2742.	1.1	45
179	Large negative magnetoresistance effects in Co ₂ Cr _{0.6} Fe _{0.4} Al. Journal of Solid State Chemistry, 2003, 176, 646-651.	1.4	205
180	Resistivity and irreversibility line of (Hg _{0.9} Re _{0.1})Ba ₂ CaCu ₂ O ₆ + δ HTS thin films. Physica C: Superconductivity and Its Applications, 2003, 388-389, 747-748.	0.6	1

#	ARTICLE	IF	CITATIONS
181	Element-specific magnetic moments from core-absorption magnetic circular dichroism of the doped Heusler alloy $\text{Co}_2\text{Cr}_{0.6}\text{Fe}_{0.4}\text{Al}$. <i>Physical Review B</i> , 2003, 67, .	1.1	132
182	Spin polarization of magnetoresistive materials by point contact spectroscopy. <i>Physical Review B</i> , 2003, 68, .	1.1	64
183	Investigation of a novel material for magnetoelectronics: $\text{Co}_2\text{Cr}_{0.6}\text{Fe}_{0.4}\text{Al}$. <i>Journal of Physics Condensed Matter</i> , 2003, 15, 7019-7027.	0.7	60
184	Magnetic and structural properties of the double-perovskite $\text{Ca}_2\text{FeReO}_6$. <i>Solid State Communications</i> , 2002, 122, 201-206.	0.9	68
185	Optical determination of the oxygen content of $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ thin films by IR reflectance and transmittance measurements. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 366, 63-72.	0.6	4
186	Crystal Structure and Transport Properties of $\text{Sr}_{1-x}\text{La}_x\text{FeMoO}_6$ Thin Films. <i>Materials Science Forum</i> , 2001, 373-376, 549-552.	0.3	0
187	Broadband infrared conductivity in an $\text{YBa}_2\text{Cu}_3\text{O}_{6.7}$ thin film. <i>Ferroelectrics</i> , 2001, 249, 165-174.	0.3	2
188	Nondiverging vortex pinning barriers at low current densities across the putative elastic vortex-glass to vortex-liquid transition in $\text{YBa}_2\text{Cu}_3\text{O}_7$ films. <i>Physical Review B</i> , 2001, 64, .	1.1	6
189	Patterned irradiation of $\text{YBa}_2\text{Cu}_3\text{O}_7$ thin films. <i>Physical Review B</i> , 2001, 64, .	1.1	7
190	Magnetotransport Properties of Thin Films of Magnetic Perovskites. , 2001, , 589-600.		1
191	Perpendicular transport properties of $\text{YBa}_2\text{Cu}_3\text{O}_7/\text{PrBa}_2\text{Cu}_3\text{O}_7$ superlattices. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 553-554.	1.3	0
192	Flux-flow instability and heating effects in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ and $\text{YBa}_2\text{Cu}_3\text{O}_7$ thin films. <i>Physica B: Condensed Matter</i> , 2000, 284-288, 897-898.	1.3	2
193	Transport and magnetic properties of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ -films ($0.1 < x < 0.9$). <i>Physica B: Condensed Matter</i> , 2000, 284-288, 1440-1441.	1.3	1
194	Importance of the crossover-current density for a vortex-glass analysis. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1387-1390.	0.6	2
195	Preparation and characterization of $(\text{Hg}_{0.7}\text{Mo}_{0.3})\text{Sr}_2(\text{Ca}_{0.7}\text{Y}_{0.3})\text{Cu}_2\text{O}_x$ and $(\text{Hg}_{0.9}\text{Re}_{0.1})\text{Ba}_2\text{CaCu}_2\text{O}_y$ superconducting films by laser ablation. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2393-2394.	0.6	1
196	Epitaxy and magnetotransport of $\text{Sr}_2\text{FeMoO}_6$ thin films. <i>Physical Review B</i> , 2000, 62, R767-R770.	1.1	90
197	c-axis tunneling in $\text{YBa}_2\text{Cu}_3\text{O}_7/\text{PrBa}_2\text{Cu}_3\text{O}_7$ superlattices. <i>Physical Review B</i> , 2000, 61, 9162-9165.	1.1	3
198	Frequency-dependent relaxation rate in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_{6+\delta}$. <i>Physical Review B</i> , 2000, 61, 7039-7043.	1.1	7

#	ARTICLE	IF	CITATIONS
199	Hall effect of epitaxial double-perovskite Sr ₂ FeMoO ₆ thin films. Journal of Applied Physics, 2000, 87, 5040-5042.	1.1	13
200	Ferroelectricity and structure of BaTiO ₃ grown on YBa ₂ Cu ₃ O _{7-δ} thin films. European Physical Journal B, 2000, 14, 477-481.	0.6	2
201	Charge-carrier density collapse in and epitaxial thin films. European Physical Journal B, 2000, 14, 509-513.	0.6	17
202	Universal relationship between the penetration depth and the normal-state conductivity in YBaCuO. Europhysics Letters, 1999, 48, 73-78.	0.7	9
203	Optical conductivity in YBa ₂ Cu ₃ O _{7-δ} thin films. Physical Review B, 1999, 59, 4390-4393.	1.1	20
204	Current dependence of grain boundary magnetoresistance in La _{0.67} Ca _{0.33} MnO ₃ films. Journal of Applied Physics, 1999, 86, 2173-2177.	1.1	34
205	Comment on "Nonlocal In-Plane Resistance due to Vortex-Antivortex Dynamics in High-Tc Superconducting Films", Physical Review Letters, 1999, 82, 672-672.	2.9	3
206	Resistivity and Hall effect at high temperatures in La _{0.67} Ca _{0.33} MnO ₃ . Journal of Applied Physics, 1999, 85, 4803-4805.	1.1	4
207	Flux-flow instability and its anisotropy in Bi ₂ Sr ₂ CaCu ₂ O _{8-δ} superconducting films. Physical Review B, 1999, 59, 1481-1490.	1.1	62
208	High dynamic exponents in vortex glass transitions: Dependence of critical scaling on the electric-field range. Physical Review B, 1999, 60, 12443-12447.	1.1	15
209	Direct observation of the quasiparticle relaxation in YBa ₂ Cu ₃ O _{7-δ} . Physica B: Condensed Matter, 1999, 259-261, 524-525.	1.3	0
210	Absence of correlated flux pinning by columnar defects in irradiated epitaxial Bi ₂ Sr ₂ CaCu ₂ O ₈ thin films. Physica C: Superconductivity and Its Applications, 1999, 311, 11-18.	0.6	15
211	Low-Frequency Relaxation Rate in the Superconducting YBa ₂ Cu ₃ O _{6.7} . Journal of Low Temperature Physics, 1999, 117, 1043-1047.	0.6	0
212	Growth mechanism and transport properties of thin La _{0.67} Ca _{0.33} MnO ₃ films. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 509-511.	1.0	5
213	High-temperature transport properties of La _{0.67} Ca _{0.33} MnO ₃ films. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 536-538.	1.0	2
214	Structural and electrical characterization of SrBi ₂ Nb ₂ O ₉ thin films deposited on YBa ₂ Cu ₃ O _{7-δ} and Nb doped SrTiO ₃ . Journal of Applied Physics, 1999, 86, 960-964.	1.1	23
215	Heavy ion induced columnar defects: a sensitive probe for the 2D/3D behaviour of vortex matter in high-temperature superconductors. Nuclear Instruments & Methods in Physics Research B, 1998, 146, 581-586.	0.6	2
216	Magnetoresistivity and crystal structure of epitaxial La _{0.67} Ca _{0.33} MnO ₃ films. Journal of Magnetism and Magnetic Materials, 1998, 177-181, 1247-1248.	1.0	6

#	ARTICLE	IF	CITATIONS
217	Small-polaron transport in $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$ thin films. <i>Physical Review B</i> , 1998, 58, 14966-14970.	1.1	73
218	Vortex-liquid entanglement in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ films in the presence of quenched disorder. <i>Physical Review B</i> , 1998, 57, 3151-3155.	1.1	25
219	Voltage jumps in current-voltage characteristics of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ superconducting films: Evidence for flux-flow instability under the influence of self-heating. <i>Physical Review B</i> , 1998, 57, R736-R739.	1.1	46
220	Evidence of charge-carrier compensation effects in $\text{La}_{0.67}\text{Ca}_{0.33}\text{MnO}_3$. <i>Physical Review B</i> , 1998, 57, 10252-10255.	1.1	72
221	Length-scale-dependent vortex-antivortex unbinding in epitaxial $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ films. <i>Physical Review B</i> , 1998, 57, 3144-3150.	1.1	12
222	Flux Pinning by Columnar Defects in $\text{Bi}_{2-x}\text{Sr}_x\text{CaCu}_2\text{O}_{8-y}$ Thin Films. <i>Materials Science Forum</i> , 1997, 248-249, 159-162.		0
223	Investigations on the c-axis transport properties of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}/\text{PrBa}_2\text{Cu}_3\text{O}_{7-x}$ thin film superlattices. <i>IEEE Transactions on Applied Superconductivity</i> , 1997, 7, 2727-2729.	1.1	0
224	An interface effect in c-oriented (Y/Pr) $\text{Ba}_2\text{Cu}_3\text{O}_7$ Superlattices: Raman scattering by "Forbidden" phonons. <i>Journal of Physics and Chemistry of Solids</i> , 1997, 58, 379-383.	1.9	0
225	History dependence of the magnetization of thin HTSC films: an explanation for distorted SQUID signals. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 280, 158-166.	0.6	2
226	Finite range scattering of Ni and Zn impurities in Y-123 thin films. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 669-670.	0.6	0
227	$\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ based Josephson junctions and SQUIDs. <i>European Physical Journal D</i> , 1996, 46, 1289-1290.	0.4	0
228	Scattering phase shifts in Ni and Zn doped Y-123. <i>Journal of Low Temperature Physics</i> , 1996, 105, 1415-1420.	0.6	3
229	Charge transfer in high-Tc (Y/Pr) $\text{Ba}_2\text{Cu}_3\text{O}_7$ superlattices. <i>Physical Review B</i> , 1996, 53, 6836-6837.	1.1	2
230	Transport properties of $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ Bicrystal Grain Boundary Josephson Junctions and SQUIDs. <i>European Physical Journal Special Topics</i> , 1996, 06, C3-277-C3-282.	0.2	1
231	Patterning of Suitable Structures for the Investigation of the Josephson Effect in $\text{YBa}_2\text{Cu}_3\text{O}_7/\text{PrBa}_2\text{Cu}_3\text{O}_7$ Superlattices. <i>European Physical Journal Special Topics</i> , 1996, 06, C3-357-C3-360.	0.2	0
232	Josephson junctions and SQUIDs based on artificial grain boundaries in $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ thin films. , 1996, , .		0
233	Light scattering mechanism in (Y/Pr) $\text{Ba}_2\text{Cu}_3\text{O}_7$ superlattices. <i>Journal of Low Temperature Physics</i> , 1995, 99, 263-265.	0.6	0
234	Light scattering in a (Y/Pr) $\text{Ba}_2\text{Cu}_3\text{O}_7$ superlattice and the intensity of a new Raman active phonon. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 242, 46-54.	0.6	2

#	ARTICLE	IF	CITATIONS
235	Hall effect and flux dynamics in YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ multilayers in the mixed state. Physical Review B, 1995, 52, 12994-12999.	1.1	9
236	Confined and extended optical phonons in an ultrathin-layer YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattice. Physical Review B, 1995, 51, 1322-1325.	1.1	3
237	Metal-Insulator Transition in Ytterbium Under Pressure: an EPR Study. Europhysics Letters, 1995, 31, 485-490.	0.7	9
238	Superconductivity and giant negative magnetoresistance in YBa ₂ Cu ₃ O ₇ /La _{0.67} Ba _{0.33} MnO ₃ superlattices. Applied Physics Letters, 1995, 66, 2564-2566.	1.5	86
239	Characterization of YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Journal of Superconductivity and Novel Magnetism, 1994, 7, 197-200.	0.5	4
240	Raman scattering studies of ultrathin-layer YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Journal of Superconductivity and Novel Magnetism, 1994, 7, 213-216.	0.5	1
241	Characterization of epitaxial Bi ₂ Sr ₂ CaCu ₂ O ₈ +? thin films. Journal of Superconductivity and Novel Magnetism, 1994, 7, 217-219.	0.5	4
242	Kosterlitz-Thouless scaling of the resistive transition in YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ -superlattices. Physica B: Condensed Matter, 1994, 194-196, 2379-2380.	1.3	2
243	Effect of the dimensional crossover on critical currents and flux creep in YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ multilayers. Physica B: Condensed Matter, 1994, 194-196, 2391-2392.	1.3	3
244	Magnetoresistance of YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ multilayers. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3161-3162.	0.6	0
245	Dimensional crossover and flux dynamics in low- and high-T _c multilayers. , 1994, 2157, 161.		0
246	Chemically sensitive imaging of (YBa ₂ Cu ₃ O ₇) _m /(PrBa ₂ Cu ₃ O ₇) _n superlattices by means of high-resolution electron microscopy. Ultramicroscopy, 1993, 49, 330-343.	0.8	9
247	Structural and compositional characterization of (YBa ₂ Cu ₃ O ₇) _m / (PrBa ₂ Cu ₃ O ₇) _n superlattices by means of high-resolution electron microscopy. Physica C: Superconductivity and Its Applications, 1993, 210, 1-15.	0.6	27
248	Scaling properties of the anisotropic magnetoresistance in YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Physica C: Superconductivity and Its Applications, 1993, 205, 111-117.	0.6	15
249	Effect of dimensional crossover on the magnetoresistance of YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Physica C: Superconductivity and Its Applications, 1993, 206, 110-118.	0.6	10
250	Effect of dimensional crossover on magnetoresistance of YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Journal of Alloys and Compounds, 1993, 195, 191-194.	2.8	1
251	DECOUPLING AND FLUX-LINE-DYNAMICS IN YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ -SUPERLATTICES. International Journal of Modern Physics B, 1993, 07, 131-134.	1.0	0
252	PINNING FORCE DENSITY IN YBa ₂ Cu ₃ O ₇ -FILMS AND YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ -SUPERLATTICES. International Journal of Modern Physics B, 1993, 07, 135-138.	1.0	0

#	ARTICLE	IF	CITATIONS
253	ANISOTROPIC SUPERCONDUCTING PROPERTIES OF YBa ₂ Cu ₃ O ₇ BASED THIN FILMS AND SUPERLATTICES. International Journal of Modern Physics B, 1993, 07, 113-122.	1.0	0
254	Renormalization of phonons in a (Y/Pr)Ba ₂ Cu ₃ O ₇ superlattice investigated by Raman spectroscopy. Physical Review Letters, 1993, 70, 3804-3807.	2.9	14
255	Scaling of the angular dependence of the critical current density in high-T _c superconductors. Physical Review B, 1993, 47, 12099-12103.	1.1	29
256	Superconductivity of YBa ₂ /Cu ₃ O ₇ /PrBa ₂ /Cu ₃ O ₇ -superlattices. IEEE Transactions on Applied Superconductivity, 1993, 3, 1624-1627.	1.1	0
257	Optical Absorption due to Pr ³⁺ 4f-4f Transitions in PrBa ₂ Cu ₃ O _x (x ≈ 6). Springer Series in Solid-state Sciences, 1993, , 344-347.	0.3	0
258	Transport Properties of YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ Superlattices. Europhysics Letters, 1992, 19, 135-140.	0.7	40
259	Contribution of Zn Impurity Atoms to the Anisotropic Pinning Force Density of Thin Epitaxial YBa ₂ (Cu _{1-x} Zn _x) ₃ O _{7-δ} Films. Europhysics Letters, 1992, 18, 641-646.	0.7	7
260	Critical current density YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Superconductor Science and Technology, 1992, 5, S149-S152.	1.8	2
261	Superconductivity and transport properties of epitaxial YBa ₂ (Cu _{1-x} Zn _x) ₃ O ₇ -thin films. Superconductor Science and Technology, 1992, 5, S133-S136.	1.8	2
262	Normal and Superconductive Properties of Zinc-Doped YBa ₂ Cu ₃ O ₇ Thin Films. , 1992, , 543-556.		0
263	Anisotropy of the depinning field and the pinning force density of thin epitaxial YBa ₂ Cu ₃ O ₇ films. Physica C: Superconductivity and Its Applications, 1991, 177, 165-170.	0.6	23
264	Anisotropy of the pinning force density and the resistive transitions in YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2087-2088.	0.6	9
265	Thermally activated flux-flow in epitaxially grown YBa ₂ (Cu _{1-x} Zn _x) ₃ O _{7-δ} thin films. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2175-2176.	0.6	6
266	High- T_c superconducting critical current densities in YBa ₂ Cu ₃ O ₇ /PrBa ₂ Cu ₃ O ₇ superlattices. Applied Physics Letters, 1991, 59, 1626-1628.	1.5	62
267	Critical current density and upper critical field of YBa ₂ Cu ₃ O ₇ thin films. European Physical Journal B, 1991, 83, 221-226.	0.6	25
268	Thin film preparation, transport properties and superconductivity of YBa ₂ Cu ₃ O ₇ . Superconductor Science and Technology, 1991, 4, S166-S168.	1.8	4
269	Fabrication of in-situ superconducting thin films of (Y,Tm)-Ba-Cu-O on SrTiO ₃ , NdAlCaO ₄ and LaGaO ₃ substrates. Physica B: Condensed Matter, 1990, 165-166, 1475-1476.	1.3	8
270	Preparation, patterning and critical current density of YBa ₂ Cu ₃ O ₇ thin films. Physica B: Condensed Matter, 1990, 165-166, 1477-1478.	1.3	6

#	ARTICLE	IF	CITATIONS
271	Influence of composition and long term annealing on the formation of the 110K phase in the Bi-Pb-Sr-Ca-Cu-O system. Physica B: Condensed Matter, 1990, 165-166, 1677-1678.	1.3	4
272	Growth of high quality YBa ₂ Cu ₃ O ₇ films on various substrate materials and influence of Zn-doping on superconductivity. Physica C: Superconductivity and Its Applications, 1990, 171, 231-237.	0.6	41
273	Recent Progress in FSMA Microactuator Developments. Materials Science Forum, 0, 635, 145-154.	0.3	44
274	Magnetic and Electronic Properties of Heusler Alloy Films Investigated by X-Ray Magnetic Circular Dichroism. Advances in Solid State Physics, 0, , 171-182.	0.8	0