

# Michael Pissas

## List of Publications by Year in descending order

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110  
papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis, Crystal Structures and Magnetic Properties of Trinuclear {Ni <sub>2</sub> Ln} (LnIII = Dy, Ho) and {Ni <sub>2</sub> Y} Complexes with Schiff Base Ligands. <i>Crystals</i> , 2022, 12, 95.	1.0	4
2	LAPONITE® nanodisk-decorated-Fe <sub>3</sub> O <sub>4</sub> nanoparticles: a biocompatible nano-hybrid with ultrafast magnetic hyperthermia and MRI contrast agent ability. <i>Journal of Materials Chemistry B</i> , 2022, 10, 4935-4943.	2.9	4
3	Synthesis, crystal structures, magnetic and magnetocaloric studies of heterometallic enneanuclear {Cu <sub>7</sub> Gd <sub>2</sub> } complexes. <i>Polyhedron</i> , 2021, 195, 114960.	1.0	1
4	Synthesis and characterization of modified magnetic nanoparticles as theranostic agents: in vitro safety assessment in healthy cells. <i>Toxicology in Vitro</i> , 2021, 72, 105094.	1.1	9
5	A single-chain magnet based on bis(end-on azido/alkoxo)-bridged linear [MnIII <sub>2</sub> MnII] repeating units. <i>Polyhedron</i> , 2021, 206, 115334.	1.0	1
6	Di-2-pyridyl ketone-based ligands as evergreen trees in the forest of manganese chemistry: Mononuclear Mn(III) complexes from the use of MnF <sub>3</sub> . <i>Polyhedron</i> , 2021, 207, 115350.	1.0	1
7	A systematic Mössbauer spectroscopy study of Y <sub>3</sub> Fe <sub>5</sub> O <sub>12</sub> samples displaying different magnetic ac-susceptibility and electric permittivity spectra. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 495, 165881.	1.0	9
8	Ferromagnetically-coupled, triangular, [Bu <sub>4</sub> N] <sub>2</sub> [CuI <sub>3</sub> ( <sup>1</sup> / <sub>4</sub> -Br) <sub>2</sub> ( <sup>1</sup> / <sub>4</sub> -4-O <sub>2</sub> N-pz) <sub>3</sub> Br <sub>3</sub> ] complex revisited: The effect of coordinated halides on spin relaxation properties. <i>Polyhedron</i> , 2020, 177, 114258.	1.0	1
9	Magnetic Properties and Electronic Structure of the <i>S</i> = 2 Complex [Mn <sup>III</sup> ]{(OPPh) <sub>2</sub> N} <sub>3</sub> Showing Field-Induced Slow Magnetization Relaxation. <i>Inorganic Chemistry</i> , 2020, 59, 13281-13294.	1.9	3
10	Trinuclear NiII-LnIII-NiII Complexes with Schiff Base Ligands: Synthesis, Structure, and Magnetic Properties. <i>Molecules</i> , 2020, 25, 2280.	1.7	5
11	Magnetic fluid hyperthermia simulations in evaluation of SAR calculation methods. <i>Physica Medica</i> , 2020, 71, 39-52.	0.4	24
12	A Microporous Co(II)-Based 3-D Metal Organic Framework Built from Magnetic Infinite Rod-Shaped Secondary Building Units. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4056-4062.	1.0	4
13	A Microporous Co(II)-Based 3-D Metal Organic Framework Built from Magnetic Infinite Rod-Shaped Secondary Building Units. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4055-4055.	1.0	0
14	Extending the family of heptanuclear heterometallic Cu <sub>5</sub> Ln <sub>2</sub> (Ln <sup>III</sup> = Gd, Tb, Dy) complexes: Synthesis, crystal structures, magnetic and magnetocaloric studies. <i>Polyhedron</i> , 2019, 169, 135-143.	1.0	6
15	The [Fe{(SePPh) <sub>2</sub> N} <sub>2</sub> ] Complex Revisited: X-ray Crystallography, Magnetometry, High-Frequency EPR, and Mössbauer Studies Reveal Its Tetrahedral Fe <sup>II</sup> Se <sub>4</sub> Coordination Sphere. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 713-721.	1.0	6
16	Polaron freezing and the quantum liquid-crystal phase in the ferromagnetic metallic La <sub>0.67</sub> Ca <sub>0.33</sub> MnO <sub>3</sub> . <i>Npj Quantum Materials</i> , 2018, 3, .	1.8	8
17	Heptanuclear heterometallic Cu <sub>5</sub> Ln <sub>2</sub> (Ln <sup>III</sup> = Gd, Tb) complexes: Synthesis, crystal structures, and magnetic properties studies. <i>Polyhedron</i> , 2018, 150, 47-53.	1.0	7
18	Interactions between H-bonded [CuI <sub>3</sub> ( <sup>1</sup> / <sub>4</sub> -OH)] triangles; a combined magnetic susceptibility and EPR study. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 17234-17244.	1.3	17

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19	Magnetic texturing due to the partial ordering of Fe <sup>3+</sup> and Cu <sup>2+</sup> in NdBaCuFeO <sub>5</sub> . Journal of Magnetism and Magnetic Materials, 2017, 432, 224-230.	1.0	3
20	Controlled reduction of red mud by H <sub>2</sub> followed by magnetic separation. Minerals Engineering, 2017, 105, 36-43.	1.8	62
21	Specific heat study of La <sup>1-x</sup> Ca <sup>x</sup> MnO <sub>3</sub> (0.5 ≤ x ≤ 0.9) with antiferromagnetic ground state. Journal of Applied Physics, 2017, 122, 143902.	1.1	3
22	Crossover from paramagnetic to diamagnetic ac-susceptibility in Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+δ</sub> superconductor for $H \parallel c$ axis. Superconductor Science and Technology, 2017, 30, 105011.	1.8	2
23	Unexpected orbital magnetism in Bi-rich Bi <sub>2</sub> Se <sub>3</sub> nanoplatelets. NPC Asia Materials, 2016, 8, e271-e271.	3.8	9
24	Iron(III) complexes with 2-pyridyl oxime ligands: Synthesis, structural and spectroscopic characterization, and magnetic studies. ChemistrySelect, 2016, 1, 147-156.	0.7	6
25	Observation of Slow Relaxation and Single-Molecule Toroidal Behavior in a Family of Butterfly-Shaped Ln <sub>4</sub> Complexes. Chemistry - A European Journal, 2016, 22, 18532-18550.	1.7	39
26	A 2D (4,4) network based on tetranuclear manganese(II)-terephthalato building units: Synthesis, crystal structure and magnetic studies. Polyhedron, 2015, 85, 783-788.	1.0	4
27	Efficiency measurements of multiband and circularly polarized magneto-dielectric antennas by the equivalent-circuit wheeler cap., 2014, .		6
28	Angular dependence of the peak effect in $MgB_2$ $C \parallel x$ . Physica C: Superconductivity and Its Applications, 2014, 503, 42-47.	0.6	0
29	Synthesis, magnetic and spectroscopic characterization of a new Fe <sub>7</sub> cluster with a six-pointed star topology. Polyhedron, 2013, 64, 280-288.	1.0	6
30	Zig-zag [Mn <sub>4</sub> ] clusters from polydentate Schiff base ligands. Polyhedron, 2013, 64, 181-188.	1.0	12
31	Polymerization of a preformed Mn <sub>6</sub> cluster to a one-dimensional chain. Polyhedron, 2013, 52, 917-923.	1.0	6
32	Spin-Relaxation Properties of a High-Spin Mononuclear Mn <sup>III</sup> O <sub>6</sub> -Containing Complex. Inorganic Chemistry, 2013, 52, 12869-12871.	1.9	81
33	Synthesis and Properties of Dinuclear $\mu_4$ -Oxoiron(III) Complexes of Amide-Based Macrocyclic Ligands. European Journal of Inorganic Chemistry, 2012, 2012, 5525-5533.	1.0	7
34	Design of a polarisation reconfigurable patch antenna using ferrimagnetic materials. IET Microwaves, Antennas and Propagation, 2012, 6, 158.	0.7	22
35	Irreversibility line of Ba <sub>1-x</sub> K <sub>x</sub> Fe <sub>2</sub> As <sub>2</sub> (T <sub>c</sub> =36.9K) superconductor studied with ac-susceptibility measurements. Physica C: Superconductivity and Its Applications, 2012, 476, 68-72.	0.6	6
36	On the Biocompatibility of Fe <sub>3</sub> O <sub>4</sub> Ferromagnetic Nanoparticles with Human Blood Cells. Journal of Nanoscience and Nanotechnology, 2010, 10, 6110-6115.	0.9	14

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37	Spin relaxation in a ferromagnetically coupled triangular Cu <sub>3</sub> complex. Chemical Physics Letters, 2010, 493, 185-190.	1.2	24
38	Surveying the Response of Transport Channels of Intact RBC Membranes upon AgNO <sub>3</sub> Administration: an Atomic Force Microscopy Study. Cellular Physiology and Biochemistry, 2009, 24, 33-44.	1.1	4
39	A metamagnetic 2D copper(ii)-azide complex with 1D ferromagnetism and a hysteretic spin-flop transition. Dalton Transactions, 2009, , 3215.	1.6	63
40	Biocompatibility and Solubility of Fe <sub>3</sub> O <sub>4</sub> -BSA Conjugates with Human Blood. Current Nanoscience, 2009, 5, 177-181.	0.7	19
41	Magnetic measurements in thin film specimens: Rejecting the contribution of the substrate. Journal of Magnetism and Magnetic Materials, 2008, 320, 3264-3271.	1.0	3
42	Slow Magnetic Relaxation of a Ferromagnetic Ni <sup>II</sup> <sub>5</sub> Cluster with an <i>S</i> = 5 Ground State. Inorganic Chemistry, 2008, 47, 10674-10681.	1.9	56
43	Magnetic properties of the magnetoelectric Al <sub>2</sub> Fe <sub>3</sub> O <sub>3</sub> ( <i>x</i> = 0.8, 0.9 and 1). Journal of Physics Condensed Matter, 2008, 20, 415222.	0.7	4
44	A Mössbauer study of the superconducting NdFeAsO <sub>0.82</sub> F <sub>0.18</sub> oxypnictide compound. Superconductor Science and Technology, 2008, 21, 115015.	1.8	10
45	Bare and protein-conjugated Fe <sub>3</sub> O <sub>4</sub> ferromagnetic nanoparticles for utilization in magnetically assisted hemodialysis: biocompatibility with human blood cells. Nanotechnology, 2008, 19, 505101.	1.3	28
46	Synergy of exchange bias with superconductivity in ferromagnetic–superconducting layered hybrids: the influence of in-plane and out-of-plane magnetic order on superconductivity. Superconductor Science and Technology, 2007, 20, 1205-1222.	1.8	24
47	Proximity induced superconductivity in bulk Cu–Nb composites: The influence of interface structural quality. Physica C: Superconductivity and Its Applications, 2006, 442, 45-54.	0.6	6
48	Mössbauer study of Na <sub>0.82</sub> Co <sub>0.9957</sub> Fe <sub>0.0102</sub> . Solid State Communications, 2006, 137, 668-672.	0.9	4
49	Magnetic heterogeneity in electron doped La <sub>1-x</sub> CaxMnO <sub>3</sub> manganites studied by means of electron spin resonance. Journal of Physics Condensed Matter, 2005, 17, 3903-3914.	0.7	12
50	Pronounced T <sub>c</sub> enhancement and magnetic memory effects in hybrid films. Superconductor Science and Technology, 2004, 17, L51-L54.	1.8	10
51	Spin-polarized oxygen hole states in cation-deficient La <sub>1-x</sub> Ca <sub>x</sub> MnO <sub>3</sub> + δ. Europhysics Letters, 2004, 68, 453-459.	0.7	11
52	Mössbauer study of 1% Fe doped LaMnO <sub>3</sub> compound. Journal of Physics Condensed Matter, 2004, 16, 7419-7426.	0.7	10
53	A New Method for the Estimation of H <sub>c2</sub> Anisotropy in Polycrystalline MgB <sub>2</sub> Samples. Journal of Superconductivity and Novel Magnetism, 2004, 17, 259-263.	0.5	7
54	Charge and lattice dynamics of ordered state in La <sub>1/2</sub> Ca <sub>1/2</sub> MnO <sub>3</sub> : infrared reflection spectroscopy study. Solid State Communications, 2004, 132, 309-313.	0.9	3

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55	The phase diagram and magnetic properties of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ compounds for $0 \leq x \leq 0.23$ . <i>Journal of Physics Condensed Matter</i> , 2004, 16, 6527-6540.	0.7	39
56	Orbital Domain State and Finite Size Scaling in Ferromagnetic Insulating Manganites. <i>Physical Review Letters</i> , 2003, 91, 147205.	2.9	50
57	Conduction electron spin resonance in $\text{Mg}_{1-x}\text{Al}_x\text{B}_2$ . <i>Europhysics Letters</i> , 2003, 61, 116-121.	0.7	4
58	Crystal structure of the $\text{Mg}_{1-x}\text{Al}_x\text{B}_2$ superconductors near $x \approx 0.5$ . <i>Physical Review B</i> , 2002, 66, .	1.1	37
59	Phase separation in carbon-doped $\text{MgB}_2$ studied by means of alternating current susceptibility measurements. <i>Journal of Physics Condensed Matter</i> , 2002, 14, 7363-7369.	0.7	9
60	Electrical characterization of YBCO single crystal surfaces oriented in any crystallographic direction. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 382, 291-297.	0.6	2
61	Single crystal growth and vortex matter phase diagram in $\text{HgBa}_2\text{CuO}_{4+x}$ superconductor. <i>Journal of Materials Processing Technology</i> , 2001, 108, 145-147.	3.1	1
62	Analysis of magnetic relaxation in a thin disk of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ superconductor. <i>Journal of Materials Processing Technology</i> , 2001, 108, 156-160.	3.1	0
63	Pulsed laser deposition of mixed valence manganite artificial superstructures. <i>Journal of Materials Processing Technology</i> , 2001, 108, 193-196.	3.1	2
64	A dc magnetization and local permeability study of the $\text{HgBa}_2\text{CuO}_{4+\delta}$ superconductor. <i>Superconductor Science and Technology</i> , 2001, 14, 844-853.	1.8	14
65	Local Hall probe ac-susceptibility and global dc magnetization measurements in $\text{HgBa}_2\text{CuO}_{4+x}$ single crystal. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 332, 456-458.	0.6	3
66	Permeability measurements of permalloy films with a broad band stripline technique. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 222, 168-174.	1.0	21
67	Magneto-transport and exchange biasing in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ compositionally modulated ferromagnetic/antiferromagnetic multilayers. <i>Journal of Applied Physics</i> , 2000, 87, 3926-3930.	1.1	20
68	Onset of the fishtail peak in an untwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ crystal. <i>Physical Review B</i> , 2000, 62, 1446-1451.	1.1	26
69	$^{55}\text{Mn}$ NMR Investigation of Electronic Phase Separation in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ for $0.2 \leq x \leq 0.5$ . <i>Physical Review Letters</i> , 2000, 84, 761-764.	2.9	134
70	Flux creep in a thin disc of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ superconductor. <i>Superconductor Science and Technology</i> , 1999, 12, 682-689.	1.8	10
71	Mössbauer study of $^{57}\text{Fe}$ -doped $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Physical Review B</i> , 1999, 59, 1272-1276.	1.1	30
72	Magnetic relaxation measurements in the region of the second magnetization peak in $\text{aHgBa}_2\text{CuO}_{4+\delta}$ single crystal. <i>Physical Review B</i> , 1999, 59, 12121-12126.	1.1	23

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73	Polarons and phase separation in lanthanum-based manganese perovskites: A $^{139}\text{La}$ and $^{55}\text{Mn}$ NMR study. <i>Physical Review B</i> , 1999, 59, 6390-6394.	1.1	49
74	Mössbauer and magnetization studies of $\text{La}_{0.5}\text{Ca}_{0.5}\text{Mn}_{1-x}\text{Fe}_x\text{O}_3$ . <i>Journal of Applied Physics</i> , 1999, 85, 5402-5404.	1.1	1
75	Structural and magnetic properties of $\text{La}_{0.67}(\text{Ba}_x\text{Ca}_{1-x})_{0.33}\text{MnO}_3$ perovskites ( $0 < x < 1$ ). <i>Physical Review B</i> , 1999, 59, 1129-1133.	1.1	178
76	Study of Fe-doped $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ ( $x \approx 1/3$ ) using Mössbauer spectroscopy and neutron diffraction. <i>Physical Review B</i> , 1999, 59, 1263-1271.	1.1	119
77	Exchange biasing in $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{La}_{1/3}\text{Ca}_{2/3}\text{MnO}_3$ multilayers. <i>Journal of Applied Physics</i> , 1999, 85, 4913-4915.	1.1	31
78	Exchange-biasing mechanism in $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3/\text{La}_{1/3}\text{Ca}_{2/3}\text{MnO}_3$ multilayers. <i>Physical Review B</i> , 1999, 60, 485-491.	1.1	62
79	A neutron diffraction study of the deoxygenated $\text{YSr}_2\text{Cu}_3\text{Fe}_x\text{O}_{6+y}$ ( $x=0.8$ and $1$ ) compound. <i>Physica B: Condensed Matter</i> , 1998, 253, 1-9.	1.3	3
80	Pulsed laser deposition of $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$ films at low oxygen pressures. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1998, 53, 272-277.	1.7	10
81	NMR in manganese perovskites: Detection of spatially varying electron states in domain walls. <i>Physical Review B</i> , 1998, 58, 12237-12241.	1.1	10
82	Magnetic and crystal structure of the compound. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 3929-3939.	0.7	2
83	Mössbauer spectroscopy and neutron diffraction studies of the compound. <i>Journal of Physics Condensed Matter</i> , 1998, 10, 10317-10332.	0.7	2
84	Deposition of thin films over large areas with a simple sputtering technique for microwave applications. <i>Superconductor Science and Technology</i> , 1998, 11, 686-691.	1.8	16
85	Simulation of magnetic relaxation measurements of tetragonal and thin films. <i>Superconductor Science and Technology</i> , 1998, 11, 1241-1250.	1.8	1
86	Irreversibility line in superconducting $\text{HgBa}_2\text{CuO}_4$ single crystals. <i>Physical Review B</i> , 1998, 58, 9536-9542.	1.1	24
87	Resistivity investigations of plastic vortex creep in $\text{YBa}_2\text{Cu}_3\text{O}_{6.95}$ crystals. <i>Physical Review B</i> , 1998, 58, 2445-2447.	1.1	40
88	Single-crystal growth and characterization of the superconductor. <i>Superconductor Science and Technology</i> , 1997, 10, 598-604.	1.8	13
89	$^{139}\text{La}$ NMR investigation of spin ordering in $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ . <i>Physical Review B</i> , 1997, 55, 15000-15004.	1.1	29
90	Structural, magnetic, and Mössbauer studies of the $\text{PrBaCuFeO}_{5+y}$ compound. <i>Physical Review B</i> , 1997, 55, 397-408.	1.1	31

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91	Mössbauer study of $\text{La}_{0.75}\text{Ca}_{0.25}\text{Mn}_{0.98}\text{Fe}_{0.02}\text{O}_3$ compound. Journal of Applied Physics, 1997, 81, 5770-5772.	1.1	99
92	Structure and Mössbauer study of the double perovskite $\text{Ba}_2\text{InCu}_{1-x}\text{Fe}_x\text{O}_4 + y$ ( $x = 0.5$ ). Materials Research Bulletin, 1997, 32, 791-801.	2.7	1
93	Modelling of the hysteresis loop for $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films. Physica C: Superconductivity and Its Applications, 1995, 241, 63-70.	0.6	8
94	Structural, Mössbauer, and Raman studies of the $(\text{Y,Ce})_2\text{Sr}_2\text{Cu}_2\text{FeO}_{8+y}$ compound. Physical Review B, 1995, 52, 10610-10620.	1.1	7
95	High-field behaviour of the magnetic response of a hard superconducting thin disc and application to hysteresis loops of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ thin films. Superconductor Science and Technology, 1995, 8, 647-651.	1.8	3
96	Mössbauer, crystal-structure, magnetic, and Raman studies of the $(\text{Y,Ce})_2\text{Sr}_2\text{Cu}_2\text{FeO}_8$ compound isomorphous to superconductors with the $\text{T}^*$ structure. Physical Review B, 1994, 50, 10157-10164.	1.1	2
97	Temperature dependence of the hyperfine field distributions in the $\text{Fe}_{93.5}\text{Nd}_x\text{Zr}_{6.5}$ ( $x=0, 2$ ) amorphous alloys. Journal of Applied Physics, 1994, 75, 5853-5855.	1.1	2
98	Site occupancy of Fe in the oxygen-saturated $\text{YSr}_2\text{Cu}_3\text{Fe}_x\text{O}_y$ compound for $x=0.25$ up to 1. Physica C: Superconductivity and Its Applications, 1994, 234, 127-136.	0.6	16
99	Magnetic Structure of the Oxygen-Deficient Perovskite $\text{YBaCuFeO}_{5+\delta}$ . Inorganic Chemistry, 1994, 33, 1255-1258.	1.9	31
100	Raman scattering and transmission electron microscopy studies of commensurate modulated $\text{Bi}_{2-x}\text{Sr}_x\text{Fe}_2\text{O}_9$ isostructural to $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8.21}$ . Journal of Physics Condensed Matter, 1993, 5, 907-914.	0.7	2
101	Raman- and infrared-active phonons in $\text{YBaCuFeO}_5$ : Experiment and lattice dynamics. Physical Review B, 1993, 47, 15201-15207.	1.1	53
102	Mössbauer and crystal-structure study of $\text{YSr}_2\text{Cu}_2\text{FeO}_y$ isomorphous with $\text{YBa}_2(\text{Cu}_{1-x}\text{Fe}_x)_3\text{O}_y$ . Physical Review B, 1992, 46, 14119-14125.	1.1	15
103	Quantitative analysis and studies of the transformation from $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+x}$ to $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+x}$ using Rietveld analysis and AC-susceptibility. Physica C: Superconductivity and Its Applications, 1992, 196, 157-163.	0.6	9
104	Synthesis, thermogravimetric and $^{57}\text{Fe}$ Mössbauer studies of the oxygen deficient perovskite $\text{REBaCuFeO}_{5+x}$ series (RE = Y, Nd, Sm, Gd, Dy, Tm, Lu). Physica C: Superconductivity and Its Applications, 1992, 192, 35-40.	0.6	57
105	Mössbauer studies of the series $\text{Bi}_2\text{Pb}_x\text{Sr}_2\text{Bi}_{n-1}\text{Fe}_n\text{O}_y$ for $x = 0.5, 1$ and $n = 2, 3$ . Physica C: Superconductivity and Its Applications, 1991, 176, 227-234.	0.6	2
106	Crystallographic, thermogravimetric and magnetization study of the $\text{YBa}_2\text{Cu}_3\text{Fe}_x\text{O}_y$ superconductor ( $a = \frac{1}{2}x + \frac{1}{2}$ , $b = \frac{1}{2}y + \frac{1}{2}$ ). Physica C: Superconductivity and Its Applications, 1991, 174, 316-320.	0.6	23
107	Preparation and characterization of the $\text{NdFe}_{10}\text{T}_2\text{N}_x$ (T=Mo,V) compounds with the $\text{ThMn}_{12}$ tetragonal type structure. Journal of Applied Physics, 1991, 70, 6012-6014.	1.1	51
108	Mössbauer study of $\text{Bi}_2\text{Sr}_4\text{Fe}_3\text{O}_{12+x}$ isostructural with the $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+x}$ 110 K superconductor. Solid State Communications, 1990, 73, 767-770.	0.9	9

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109	The optimum percentage of Pb and the appropriate thermal procedure for the preparation of the 110 K $\text{Bi}_{2-x}\text{Pb}_x\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_y$ superconductor. <i>Superconductor Science and Technology</i> , 1990, 3, 128-133.	1.8	31
110	Preparation of the 110 K high $T_c$ superconductor $\text{Bi}_2\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_y$ by Pb and Sb substitution. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 159, 643-648.	0.6	32