

Karel Knä-Å¾ek

List of Publications by Year in descending order

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150
papers

3,798
citations

117625

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149698

56
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152
all docs

152
docs citations

152
times ranked

4345
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of structural properties on (de-)intercalation of ClO_4^- anion in graphite from concentrated aqueous electrolyte. Carbon, 2022, 186, 612-623.	10.3	10
2	Chaotropic anion based water-in-salt electrolyte realizes a high voltage Zn-graphite dual-ion battery. Journal of Materials Chemistry A, 2022, 10, 2064-2074.	10.3	28
3	Role of spin-orbit coupling in canted ferromagnetism and spin-wave dynamics of SrRuO_3 . Physical Review B, 2022, 105, .		
4	Magnetic, FMR and Mössbauer studies of nanocrystalline greigite. Journal of Alloys and Compounds, 2021, 857, 157569.	5.5	3
5	Structure and properties of nano- and polycrystalline Mn-doped CuCr_2Se_4 obtained by ceramic method and high-energy ball milling. Materials Research Bulletin, 2021, 137, 111174.	5.2	7
6	Thermoelectric Cu-S-Based Materials Synthesized via a Scalable Mechanochemical Process. ACS Sustainable Chemistry and Engineering, 2021, 9, 2003-2016.	6.7	25
7	Exchange interactions in $\text{É-Fe}_2\text{O}_3$: GGA + U calculations. Journal of Physics Condensed Matter, 2021, 33, 155502.	1.8	0
8	Anomalous Nernst effect in the ceramic and thin film samples of $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ perovskite. Physical Review Materials, 2021, 5, .	2.4	6
9	Electronic and heat transport phenomena in the nanogranular thiospinel Fe_3S_4 . Physical Review B, 2021, 102, .	3.2	2
10	Thermal transport in CuCr_2S_4 (CuCr_2S_4) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (X)	3.2	6
11	Physical Review B, 2021, 104, . Structure and magnetic state of hydrothermally prepared Mn-Zn ferrite nanoparticles. Journal of Alloys and Compounds, 2021, 888, 161471.	5.5	17
12	Peculiar Magnetic and Transport Properties of CuFeS_2 : Defects Play a Key Role. Journal of Physical Chemistry C, 2020, 124, 20773-20783.	3.1	9
13	Metal-insulator transition in $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ in the CaF_2 matrix. Physical Review B, 2020, 102, .	3.2	0
14	$\text{LDA} + \text{U}$ Calculation of Electronic and Thermoelectric Properties of Doped Tetrahedrite $\text{Cu}_{12}\text{Sb}_4\text{S}_{13}$. Journal of Electronic Materials, 2019, 48, 2018-2021.	2.2	3
15	Insulator-metal transition in PrYCaCoO_3 thin films studied by terahertz and infrared spectroscopies. , 2019, , .		0
16	High-field magnetoconductance in La-Sr manganites of FM and AFM ground states. Journal of Magnetism and Magnetic Materials, 2018, 456, 167-178.	2.3	4
17	Spin Seebeck effect in $\text{É-Fe}_2\text{O}_3$ thin films with high coercive field. Journal of Applied Physics, 2018, 124, .	2.5	12
18	Spin Seebeck effect in Y-type hexagonal ferrite thin films. Physical Review B, 2017, 96, .	3.2	12

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19	Magnetic properties of rare-earth-doped $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 035803.	1.8	7
20	Preparation of Mn-Zn ferrite nanoparticles and their silica-coated clusters: Magnetic properties and transverse relaxivity. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 427, 251-257.	2.3	22
21	Effect of Tb^{3+} doping in mixed-valence manganites and cobaltites. <i>Journal of Physics Condensed Matter</i> , 2017, 29, 405802.	1.8	1
22	Effects of Tb^{3+} dopants in the $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ bulk and nanoparticle ferromagnets. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 206001.	1.8	2
23	Calcium-induced cation ordering and large resistivity decrease in $\text{Pr}_{0.3}\text{CoO}_2$. <i>Journal of Physics and Chemistry of Solids</i> , 2016, 96-97, 10-16.	4.0	7
24	Characterization and crystallization kinetics of Er-doped $\text{Li}_2\text{O}-\text{Y}_2\text{O}_3-\text{P}_2\text{O}_5$ glass studied by non-isothermal DSC analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 1431-1437.	3.6	7
25	Oriented thin films of $\text{Na}_{0.6}\text{CoO}_2$ and $\text{Ca}_3\text{Co}_4\text{O}_9$ deposited by spin-coating method on polycrystalline substrate. <i>Thin Solid Films</i> , 2016, 603, 400-403.	1.8	5
26	Charge transport in thin layer Na_xCoO_2 ($x \approx 0.63$) studied by terahertz spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 355601.	1.8	3
27	Structural study of layered cobaltate $\text{La}_{1-x}\text{Co}_x\text{O}_{2.5}$. http://www.w3.org/1998/Math/MathML altimg="si0001.gif" overflow="scroll"> $\text{La}_{1-x}\text{Co}_x\text{O}_{2.5}$		

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37	Effect of Ising-type Tb ³⁺ ions on the low-temperature magnetism of La, Ca cobaltite. Journal of Physics Condensed Matter, 2014, 26, 116003.	1.8	4
38	Test System for Thermoelectric Modules and Materials. Journal of Electronic Materials, 2014, 43, 3726-3732.	2.2	13
39	Suppression of the metal-insulator transition by magnetic field in (Pr ^{1-y} Y ^y) _{0.7} Ca _{0.3} CoO ₃ (y=0.0625). Journal of Applied Physics, 2014, 115, 233914.	2.5	11
40	Crystal field and magnetism with Wannier functions: Orthorhombic rare-earth manganites. Journal of Magnetism and Magnetic Materials, 2014, 358-359, 228-232.	2.3	28
41	Microscopic origin of the magnetoelectronic phase separation in Sr-doped LaCoO ₃ . Physical Review B, 2013, 88, .	3.2	10
42	Phase transition in Pr _{0.5} Ca _{0.5} CoO ₃ and related cobaltites. European Physical Journal B, 2013, 86, 1.	1.5	33
43	Pressure-induced structural transformations, orbital order and antiferromagnetism in La _{0.75} Ca _{0.25} MnO ₃ . European Physical Journal B, 2013, 86, 1.	1.5	16
44	Crystal field and magnetism of Pr ³⁺ and Nd ³⁺ ions in orthorhombic perovskites. Journal of Physics Condensed Matter, 2013, 25, 446001.	1.8	36
45	Influence of surface and finite size effects on the structural and magnetic properties of nanocrystalline lanthanum strontium perovskite manganites. Journal of Solid State Chemistry, 2013, 204, 373-379.	2.9	44
46	Crystal field parameters with Wannier functions: Application to rare-earth aluminates. Physical Review B, 2013, 87, .	3.2	60
47	Peculiar magnetic properties of Er conditioned Ni ₄₃ Co ₇ Mn ₃₁ Ga ₁₉ at ambient and hydrostatic pressures. Journal of Alloys and Compounds, 2013, 565, 134-138. Simultaneous valence shift of Pr and Tb ions at the spin-state transition in (Pr _{Tj} ETQq0.0.0 rgBT /Overlock 10 Tf 50 322 Td	5.5	3
48		3.2	14
49	Oriented Y-type hexagonal ferrite thin films prepared by chemical solution deposition. Journal of Solid State Chemistry, 2013, 203, 100-105.	2.9	10
50	Spin-state crossover and low-temperature magnetic state in yttrium-doped Pr _{0.7} Ca _{0.3} CoO ₃ . Journal of Applied Physics, 2013, 114, 07E110.	3.2	19
51	Ground state properties of the glnxCoBvalence cobaltites (Pr _{0.7} Sr _{0.3} CoO ₃ , Nd _{0.7} Sr _{0.3} CoO ₃ , Nd _{0.7} Ca _{0.3} CoO ₃ and Pr _{0.7} Ca _{0.3} CoO ₃). Journal of Physics Condensed Matter, 2013, 25, 216006.	1.8	12
52	Glassy ferromagnetism and phase separation in Pr _{0.5} Ca _{0.5} CoO ₃ . Journal of Applied Physics, 2012, 111, 07E110.	2.5	11
53	Structure and properties of novel cobaltates Ln _{0.3} CoO ₂ (Ln=La, Pr, and Nd). Journal of Applied Physics, 2012, 111, 07D707.	2.5	12
54	Magnetic and magnetotransport properties of misfit cobaltate Ca ₃ Co _{3.93} O _{9+δ} . Journal of Applied Physics, 2012, 111, .	2.5	17

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55	Valence Shift of Pr Ion from 3+ to 4+ in $(\text{Pr}_{1-y}\text{Y}_y)_{0.7}\text{Ca}_{0.3}\text{CoO}_3$ Estimated by X-Ray Absorption Spectroscopy. Journal of the Physical Society of Japan, 2012, 81, 064709.	1.6	33
56	Stabilization of the high-spin state of Co^{3+} in $\text{LaCo}_{1-x}\text{RhxO}_3$. Physical Review B, 2012, 85, .	3.2	22
57	Distribution of cations in nanosize and bulk Co^{2+}Zn ferrites. Nanotechnology, 2011, 22, 345701.	2.6	57
58	Thermally and field-driven spin-state transitions in $(\text{Pr}_{1-y}\text{Y}_y)_{0.7}\text{Ca}_{0.3}\text{CoO}_3$. Journal of Applied Physics, 2011, 109, .	2.5	14
59	Oriented $\text{SrFe}_{12}\text{O}_{19}$ thin films prepared by chemical solution deposition. Journal of Solid State Chemistry, 2011, 184, 3085-3094.	2.9	14
60	Structure and Electric Transport in $\text{LaCo}_{0.67}\text{Cu}_{0.33}\text{O}_3$. Journal of Superconductivity and Novel Magnetism, 2011, 24, 747-751.	1.8	3
61	The magnetic and hyperthermia studies of bare and silica-coated $\text{La}_{0.75}\text{Sr}_{0.25}\text{MnO}_3$ nanoparticles. Journal of Nanoparticle Research, 2011, 13, 1237-1252.	1.9	50
62	Photochemical preparation of ZnO nanoparticles. Journal of Nanoparticle Research, 2011, 13, 4529-4537.	1.9	22
63	Structure and properties of a novel cobaltate $\text{La}_{0.30}\text{CoO}_2$. Journal of Solid State Chemistry, 2011, 184, 2231-2237.	2.9	17
64	Dielectric, magnetic and structural properties of novel multiferroic $\text{Eu}_{0.5}\text{Ba}_{0.5}\text{TiO}_3$ ceramics. Journal of Physics Condensed Matter, 2011, 23, 025904.	1.8	18
65	Charge transfer, valence, and the metal-insulator transition in $\text{Pr}_{0.5}\text{MnO}_2$. Physical Review B, 2010, 81, .	3.2	59
66	Hyperfine interactions in magnetoelectric hexaferrite system. Journal of Magnetism and Magnetic Materials, 2010, 322, 1243-1245.	2.3	8
67	Static and dynamic behavior of the cluster phase in $\text{LaMn}_{0.6}\text{Co}_{0.4}\text{O}_3$. Journal of Magnetism and Magnetic Materials, 2010, 322, 1392-1395.	2.3	3
68	Transition from the diamagnetic insulator to ferromagnetic metal in. Journal of Magnetism and Magnetic Materials, 2010, 322, 1221-1223.	2.3	13
69	Local surrounding of Mn in $\text{LaMn}_{1-x}\text{Co}_x\text{O}_3$ compounds by means of EXAFS on Mn^{2+} . Journal of Magnetism and Magnetic Materials, 2010, 322, 1198-1200.	2.3	3
70	Antiferromagnetic ordering in the double perovskites $\text{La}_{2-x}\text{Sr}_x\text{CoRuO}_6$. Journal of Magnetism and Magnetic Materials, 2010, 322, 1189-1191.	2.3	7
71	Synthesis and magnetic properties of $\text{Co}_{1-x}\text{Zn}_x\text{Fe}_2\text{O}_4$ nanoparticles as materials for magnetic fluid hyperthermia. Journal of Magnetism and Magnetic Materials, 2010, 322, 2386-2389.	2.3	47
72	A multiferroic material to search for the permanent electric dipole moment of the electron. Nature Materials, 2010, 9, 649-654.	27.5	88

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73	Ferromagnetism versus charge ordering in the $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ and $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ nanocrystals. <i>Physical Review B</i> , 2010, 81, .	3.2	115
74	Metal-insulator transition and the $\langle \text{Pr} \rangle$ shift in $\langle \text{Pr} \rangle$. <i>Physical Review B</i> , 2010, 82, .	3.2	63
75	Magnetic properties of FeCo nanoparticles encapsulated in carbon. <i>Journal of Physics: Conference Series</i> , 2010, 200, 072065.	0.4	3
76	Dielectric, magnetic, and lattice dynamics properties of Y-type hexaferrite $\text{Ba}_{0.5}\text{Sr}_{1.5}\text{Zn}_2\text{Fe}_{12}\text{O}_{22}$: Comparison of ceramics and single crystals. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	35
77	Giant Magnetoelectricity in Aluminium Substituted Y-Hexaferrites. <i>Acta Physica Polonica A</i> , 2010, 118, 723-724.	0.5	1
78	Distribution of Zn in Magnetoelectric Y-Type Hexaferrite. <i>Acta Physica Polonica A</i> , 2010, 118, 732-733.	0.5	9
79	Silica encapsulated manganese perovskite nanoparticles for magnetically induced hyperthermia without the risk of overheating. <i>Nanotechnology</i> , 2009, 20, 275610.	2.6	65
80	On the magnetism, thermal- and electrical transport of SrMoO_2N . <i>Journal of Applied Physics</i> , 2009, 105, 023522.	2.5	24
81	Neutron diffraction and heat capacity studies of PrCoO . <i>Physical Review B</i> , 2009, 79, .	3.2	45
82	NMR study of GdGa of correlated spin excitations in LaCoO . <i>Physical Review B</i> , 2009, 79, .	3.2	84
83	NMR study of LaMnO perovskites. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e12-e15.		
84	Valence and spin states in perovskites $\text{LaCo}_{0.95}\text{M}_{0.05}\text{O}_3$ (M=Mg, Ga, Ti). <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, e92-e95.	2.3	9
85	On the $\text{La}_{2-x}\text{Sr}_x\text{CoRuO}_6$ double perovskites: Crystal structure, magnetic properties and transport. <i>Solid State Sciences</i> , 2008, 10, 486-490.	3.2	13
86	New chlorine-substituted liquid crystals possessing frustrated TGB _A and SmQ phases. <i>Liquid Crystals</i> , 2008, 35, 641-651.	2.2	41
87	Density Functional Theory Studies of Spin, Charge, and Orbital Ordering in YBa_2O_5 (T = Mn, Fe, Co). <i>Inorganic Chemistry</i> , 2008, 47, 6608-6620.	4.0	10
88	Evolution of charge and spin state of transition metals in the $\text{LaMn}_{1-x}\text{Co}_x\text{O}_3$ perovskite series. <i>Journal of Applied Physics</i> , 2008, 103, 07C907.	2.5	26
89	Structural anomalies, spin transitions, and charge disproportionation in LnCoO_3 . <i>Journal of Applied Physics</i> , 2008, 103, 07B703.	2.5	24
90	On the magnetic properties of Gd implanted GaN. <i>Journal of Applied Physics</i> , 2008, 103, 07D107.	2.5	30

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91	Electrical resistivity and thermopower measurements of the hole- and electron-doped cobaltites $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{ mathvariant="italic"} \rangle \text{Ln} \langle \text{mml:mi} \rangle \langle \text{mml:mtext} \rangle \text{CoO} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{ mathvariant="normal"} \rangle \text{Zn} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:m} \rangle$. Physical Review B, 2006, 73, .	3.2	70
92	Magnetodielectric effect and optic soft mode behaviour in quantum paraelectric EuTiO_3 ceramics. Europhysics Letters, 2007, 80, 27002.	2.0	88
93	Relaxor-like behavior of lead-free $\text{Sr}_2\text{LaTi}_2\text{Nb}_3\text{O}_{15}$ ceramics with tetragonal tungsten bronze structure. Journal of Applied Physics, 2007, 101, 054115.	2.5	29
94	Magnetism in the magnetoelectric hexaferrite system $\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Tj ETQq0 0 0 pgBT /Overlock 10 T}$	3.2	19
95	Structural and Magnetic Transitions in $\text{CaMn}_{1-x}\text{W}_x\text{O}_3$. Chemistry of Materials, 2007, 19, 4243-4251.	6.7	31
96	Magnetic heating by cobalt ferrite nanoparticles. Nanotechnology, 2007, 18, 345704.	2.6	83
97	Strontium ferrite nanoparticles synthesized in presence of polyvinylalcohol: Phase composition, microstructural and magnetic properties. Journal of Magnetism and Magnetic Materials, 2007, 309, 106-112.	2.3	18
98	New -tuned magnetic nanoparticles for self-controlled hyperthermia. Journal of Magnetism and Magnetic Materials, 2007, 316, 122-125.	2.3	91
99	Exchange interaction and conductivity in ferroelectric hexaferrite. Journal of Magnetism and Magnetic Materials, 2007, 316, e587-e590.	2.3	4
100	The low-temperature phase separation in $\text{Pr}_{0.5}\text{Ca}_{0.5}\text{CoO}_3$. Journal of Magnetism and Magnetic Materials, 2007, 316, e728-e730.	2.3	11
101	EXAFS study of compounds. Journal of Magnetism and Magnetic Materials, 2007, 310, e197-e199.	2.3	5
102	Electronic structure and conductivity of ferroelectric hexaferrite: Ab initio calculations. Physical Review B, 2006, 73, .	3.2	22
103	$\text{Bi}_{1-x}\text{Ca}_x\text{MnO}_3$ (x= 0.4 and 0.45): X-ray Single-Crystal and Electron Microscopy Study. Chemistry of Materials, 2006, 18, 3225-3236.	6.7	17
104	^{55}Mn NMR study of the $\text{La}_{0.75}\text{Sr}_{0.25}\text{MnO}_3$ nanoparticles. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 155-158.	0.8	16
105	Magnetic poly(glycidyl methacrylate) microspheres containing maghemite prepared by emulsion polymerization. Journal of Magnetism and Magnetic Materials, 2006, 306, 241-247.	2.3	59
106	Temperature dependence of the infrared properties of HgBaCuO high-temperature superconductor. Physica B: Condensed Matter, 2006, 378-380, 455-456.	2.7	0
107	Hydrogenation of polycrystalline silicon thin films. Thin Solid Films, 2006, 501, 144-148.	1.8	12
108	Lanthanum manganese perovskite nanoparticles as possible in vivo mediators for magnetic hyperthermia. Journal of Magnetism and Magnetic Materials, 2006, 302, 315-320.	2.3	155

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109	X-ray absorption near-edge spectroscopy study of Mn and Co valence states in $\text{LaMn}_{1-x}\text{Co}_x\text{O}_3$ ($x=0\text{--}1$). <i>Physical Review B</i> , 2006, 73, .	3.2	74
110	Structural, magnetic, and transport properties of the single-layered perovskites $\text{La}_{2-x}\text{Sr}_x\text{CoO}_4$ ($x=1.0\text{--}1.4$). <i>Physical Review B</i> , 2006, 74, .	3.2	50
111	Structure and physical properties of YCoO_3 at temperatures up to 1000 K. <i>Physical Review B</i> , 2006, 73, .	3.2	34
112	Character of the excited state of the Co^{3+} ion in LaCoO_3 . <i>Journal of Physics Condensed Matter</i> , 2006, 18, 3285-3297.	1.8	74
113	Magnetism of mixed valence (LaSr) hexaferrites. <i>European Physical Journal B</i> , 2005, 43, 509-515.	1.5	20
114	Structural anomalies associated with the electronic and spin transitions in LnCoO_3 . <i>European Physical Journal B</i> , 2005, 47, 213-220.	1.5	137
115	Cobaltites as perspective thermoelectrics. <i>Materials Research Society Symposia Proceedings</i> , 2005, 886, 1.	0.1	2
116	Spin state of LaCoO_3 : Dependence on CoO_6 octahedra geometry. <i>Physical Review B</i> , 2005, 71, .	3.2	104
117	Magnetism in La substituted Sr hexaferrite. <i>Journal of Applied Physics</i> , 2005, 97, 10F309.	2.5	16
118	The B2-B7 phase transition in symmetrical bent-shaped mesogens with methoxy substitution. <i>Liquid Crystals</i> , 2005, 32, 967-975.	2.2	17
119	Electric transport and magnetic properties of perovskites $\text{LaMn}_{1-x}\text{Co}_x\text{O}_3$ up to 900 K. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 1601-1616.	1.8	53
120	The infrared properties of $\text{Bi}_2\text{Y}_0.1\text{Sr}_{1.9}\text{CaCu}_2\text{O}_{8+\delta}$ superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 2004, 406, 58-62.	1.2	13
121	The nanoscopic separation of magnetic phases in Cr-doped manganites $\text{Pr}_{0.44}\text{Sr}_{0.56}\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2004, 272-276, E1085-E1086.	2.3	1
122	Influence of the structure on electric and magnetic properties of $\text{La}_{0.8}\text{Na}_{0.2}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ perovskites. <i>Journal of Solid State Chemistry</i> , 2004, 177, 4564-4568.	2.9	8
123	Structure, Magnetism, and Transport Properties of $\text{Pr}_{1-x}\text{Sr}_x\text{MnO}_3$ ($x = 0.45\text{--}0.75$) up to 1200 K. <i>Chemistry of Materials</i> , 2004, 16, 1104-1110.	6.7	41
124	Phase transitions in ternary caesium lead bromide. <i>Magyar Árvizlemények</i> , 2003, 71, 667-673.	1.4	245
125	Structure and magnetic order in $\text{Y}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x = 0.3$ and 0.5). <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s673-s676.	2.3	21
126	Room temperature electric field induced crystallization of wide band gap hydrogenated amorphous silicon. <i>Thin Solid Films</i> , 2001, 383, 101-103.	1.8	7

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127	Phase relations in Hg ^{1-x} Ba ^x Ca ^{1-y} Cu ^y O system. Physica C: Superconductivity and Its Applications, 2000, 341-348, 509-510.	1.2	5
128	Preparation and doping of the HgBa ₂ xSrxCuO ₄ + δ series. Physica C: Superconductivity and Its Applications, 2000, 330, 27-32.	1.2	2
129	Strontium Substitution For Barium In Mercury Superconductors. Journal of Low Temperature Physics, 1999, 117, 879-883.	1.4	0
130	Microstructure of Ag/Bi(Pb)-2223 Tapes Prepared by Solid-State Reaction. Journal of Superconductivity and Novel Magnetism, 1998, 11, 253-258.	0.5	0
131	Temperature dependence of the infrared properties of Bi ₂ 1-xPbxSr ₂ Ca ₂ Cu ₃ O ₁₀ + δ (x = 0.3, 0.4 and 0.5). Physica B: Condensed Matter, 1997, 230-232, 844-846.	2.7	0
132	Structure properties and oxygen content in Y _{0.6} Ca _{0.2} Ba ₂ Cu ₃ O _y (y = 6.03-6.89) by neutron diffraction. Physica B: Condensed Matter, 1997, 234-236, 928-930.	2.7	0
133	The 1201 superconductors Hg _{1-x} (VO ₄) _y (Ba, Sr) ₂ Cu ₄ 2y+ δ : evidence for VO ₄ tetrahedra. Physica C: Superconductivity and Its Applications, 1997, 277, 119-132.	1.2	11
134	Carbonate groups and the superconductivity in 123 cuprates Y _{0.8} Ca _{0.2} Ba ₂ Cu ₃ xO _y . Physica C: Superconductivity and Its Applications, 1996, 267, 225-232.	1.2	1
135	Infrared studies of the Bi cuprates. Superconductor Science and Technology, 1996, 9, 653-658.	3.5	5
136	Determination of phase diagram cuts in the system. Superconductor Science and Technology, 1996, 9, 279-283.	3.5	2
137	The study of microstructure of Bi, Pb-Sr-Ca-Cu-O superconductors prepared by multiple intermediate processing. Journal of Materials Science, 1995, 30, 3607-3611.	3.7	0
138	Scaling of the superconducting order parameter in Bi cuprates with T _c . Physica C: Superconductivity and Its Applications, 1995, 246, 163-168.	1.2	13
139	Influence of Pb concentration on microstructural and superconducting properties of BSCCO superconductors. Superconductor Science and Technology, 1995, 8, 324-328.	3.5	25
140	Magnetic shielding and trapping properties of BPSCCO superconducting tubes. IEEE Transactions on Applied Superconductivity, 1995, 5, 528-531.	1.7	12
141	Correction procedure for the electron microprobe analysis of porous materials. Mikrochimica Acta, 1994, 117, 87-93.	5.0	2
142	Improvement of the magnetic shielding and trapping properties of BiPbSrCaCuO superconducting tubes by the use of multiple thermomechanical processing. Physica C: Superconductivity and Its Applications, 1994, 225, 361-368.	1.2	9
143	Influence of grains priority orientation on magnetic shielding-trapping properties of BPSCCO superconducting magnetic shields. Physica C: Superconductivity and Its Applications, 1994, 235-240, 3461-3462.	1.2	0
144	X-ray diffraction study of lead chloride. Solid State Communications, 1994, 91, 611-614.	1.9	6

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145	Single-phase region of the 2212-Bi ^{1-x} Sr ^x Ca ^{1-y} Cu ^y O superconductor. <i>Physica C: Superconductivity and Its Applications</i> , 1993, 216, 211-218.	1.2	37
146	Structural and transport properties of YBa ₂ Cu ₃ Y _{1-x} O _{7-x} solid solutions. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 197, 371-377.	1.2	8
147	Influence of combined mechanical and heat treatment on Bi ₂ Sr ₂ Ca ₂ Cu ₃ O _{10+δ} phase formation. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 203, 59-67.	1.2	22
148	Structure and magnetic properties of Pr _{1-x} Sr _x MnO ₃ perovskites. <i>Journal of Solid State Chemistry</i> , 1992, 100, 292-300.	2.9	214
149	Structure of {4-[2-(2-aminoethylamino)ethylimino]pentan-2-onato-N,N',N'',O}nickel(II) iodide monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1989, 45, 1216-1218.	0.4	1
150	Structure of {N-[2-(2-aminoethylamino)ethyl]salicylideneaminato-O,N,N',N''}nickel(II) perchlorate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 631-633.	0.4	5