

Pierre Bordet

List of Publications by Year in descending order

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papers

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248
all docs

248
docs citations

248
times ranked

6798
citing authors

#	ARTICLE	IF	CITATIONS
1	P2-NaxVO2 system as electrodes for batteries and electron-correlated materials. Nature Materials, 2013, 12, 74-80.	27.5	388
2	Surface distortion as a unifying concept and descriptor in oxygen reduction reaction electrocatalysis. Nature Materials, 2018, 17, 827-833.	27.5	344
3	Structure determination of the new high-temperature superconductor Y2Ba4Cu7O14+x. Nature, 1988, 334, 596-598.	27.8	290
4	The synthesis and characterization of the HgBa2Ca2Cu3O8+δ and HgBa2Ca3Cu4O10+δ phases. Physica C: Superconductivity and Its Applications, 1993, 215, 1-10.	1.2	246
5	Disappearance of superconductivity in overdoped La2-xSrxCuO4 at a structural phase boundary. Physical Review Letters, 1992, 68, 3777-3780.	7.8	213
6	Neutron and electron diffraction study of YBa2Cu2Zr0.17Fe0.23O7.13. Solid State Communications, 1988, 66, 435-439.	1.9	176
7	Structural Aspects of the Crystallographic-Magnetic Transition in LaVO3 around 140 K. Journal of Solid State Chemistry, 1993, 106, 253-270.	2.9	171
8	A note on the symmetry and Bi valence of the superconductor Bi2Sr2Ca1Cu2O8. Physica C: Superconductivity and Its Applications, 1988, 156, 189-192.	1.2	156
9	Beyond Strain and Ligand Effects: Microstrain-Induced Enhancement of the Oxygen Reduction Reaction Kinetics on Various PtNi/C Nanostructures. ACS Catalysis, 2017, 7, 398-408.	11.2	140
10	Relationship between the Synthesis of Prussian Blue Pigments, Their Color, Physical Properties, and Their Behavior in Paint Layers. Journal of Physical Chemistry C, 2013, 117, 9693-9712.	3.1	120
11	Stripe structure of the CuO2 plane in Bi2Sr2CaCu2O8+y by anomalous x-ray diffraction. Physical Review B, 1996, 54, 4310-4314.	3.2	118
12	Defects do Catalysis: CO Monolayer Oxidation and Oxygen Reduction Reaction on Hollow PtNi/C Nanoparticles. ACS Catalysis, 2016, 6, 4673-4684.	11.2	107
13	Discovery of a second family of bismuth-oxide-based superconductors. Nature, 1997, 390, 148-150.	27.8	105
14	Powder X-ray and neutron diffraction study of the superconductor Bi2Sr2CaCu2O8. Physica C: Superconductivity and Its Applications, 1988, 153-155, 623-624.	1.2	102
15	Crystal structure of Y0.9Ba2.1Cu3O6, a compound related to the high-Tc superconductor YBa2Cu3O7. Nature, 1987, 327, 687-689.	27.8	92
16	A portable instrument for <i>in situ</i> determination of the chemical and phase compositions of cultural heritage objects. X-Ray Spectrometry, 2008, 37, 418-423.	1.4	92
17	Crystal Structures and Spin Crossover in the Polymeric Material [Fe(Htrz) ₂](BF ₄) Including Coherent Domain Size Reduction Effects. European Journal of Inorganic Chemistry, 2013, 2013, 796-802.	2.0	91
18	Powder neutron diffraction study of ZrTiO4, Zr5Ti7O24, and FeNb2O6. Journal of Solid State Chemistry, 1986, 64, 30-46.	2.9	89

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19	MgB ₂ single crystals: high pressure growth and physical properties. Superconductor Science and Technology, 2003, 16, 221-230.	3.5	86
20	Single Domain Magnetic Helicity and Triangular Chirality in Structurally Enantiopure BaFe_3As_5 . Physical Review Letters, 2008, 101, 247201.	3.5	81
21	Superstructure of the superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ by high-resolution electron microscopy. Nature, 1988, 333, 53-54.	27.8	77
22	Structural and electrochemical study of lithium insertion into $\hat{\Gamma}^3$ -Fe ₂ O ₃ . Solid State Ionics, 1993, 66, 259-265.	2.7	76
23	Magnetic and dielectric properties in the langasite-type compounds: $\text{A}_3\text{B}_2\text{C}_3$. Physical Review B, 2010, 81, .	3.2	74
24	Two new bulk superconducting phases in the Y-Ba-Cu-O system: YBa ₂ Cu _{3.5} O _{7+x} (T _c ≈ 40 K) and YBa ₂ Cu ₄ O _{8+x} (T _c ≈ 80 K). Journal of the Less Common Metals, 1989, 150, 129-137.	0.8	64
25	Crystal structure of HgBa ₂ Ca ₂ Cu ₃ O _{8+$\hat{\Gamma}$} at high pressure (to 8.5 GPa) determined by powder neutron diffraction. Physical Review B, 1995, 52, 15551-15557.	3.2	64
26	Single crystal growth of MgB ₂ and thermodynamics of Mg-B-N system at high pressure. Physica C: Superconductivity and Its Applications, 2003, 385, 42-48.	1.2	64
27	Correlation among Structure, Microstructure, and Electrochemical Properties of NiAl ₃ CO ₃ Layered Double Hydroxide Thin Films. Journal of Physical Chemistry C, 2012, 116, 15646-15659.	3.1	64
28	Magnetic structure and charge ordering in Fe_3O_4 . A single-crystal x-ray and neutron powder diffraction study. Physical Review B, 2009, 79, .	3.2	68
29	Structural phase transitions in CaSi ₂ under high pressure. Physical Review B, 2000, 62, 11392-11397.	3.2	62
30	$\hat{\Gamma}^{\pm}$ - to $\hat{\Gamma}^2$ -[C ₆ H ₄ (NH ₃) ₂] ₂ Bi ₂ I ₁₀ reversible solid-state transition, thermochromic and optical studies in the p-phenylenediamine-based iodobismuthate(III) material. Journal of Solid State Chemistry, 2011, 184, 3336-3344.	2.9	61
31	Oxygen vacancy ordering, twinning and Cu substitution in YBa ₂ Cu ₃ O _{6+x} . Physica C: Superconductivity and Its Applications, 1988, 153-155, 582-585.	1.2	49
32	Absence of a structural transition up to 40 GPa in MgB ₂ and the relevance of magnesium nonstoichiometry. Physical Review B, 2001, 64, .	3.2	49
33	Weak ferromagnetism and spin-glass-like behavior in the rare-earth cuprates R ₂ CuO ₄ (R = Tb, Dy, Ho, Er). J. Phys.: Condens. Matter, 1997, 9, 10784314.	3.2	48
34	Neutron and X-Ray Structure Refinements between 15 and 1073 K of Piezoelectric Gallium Arsenate, GaAsO ₄ : Temperature and Pressure Behavior Compared with Other $\hat{\Gamma}^{\pm}$ -Quartz Materials. Journal of Solid State Chemistry, 1999, 146, 114-123.	2.9	48
35	Nonmagnetic Insulator State in Na ₁ CoO ₂ and Phase Separation of Na Vacancies. Physical Review Letters, 2005, 95, 186405.	7.8	47
36	Superstructure of the superconductor Bi ₂ Sr ₂ CaCu ₂ O ₈ by high resolution electron microscopy. Physica C: Superconductivity and Its Applications, 1988, 153-155, 619-620.	1.2	46

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37	Magnetic frustration on a Kagomé lattice in R ₃ Ga ₅ SiO ₁₄ langasites with R = Nd, Pr. Journal of Physics Condensed Matter, 2006, 18, 5147-5153.	1.8	44
38	Parity-Broken Chiral Spin Dynamics in $\text{Ba}_3\text{NbFeO}_{14}$. Physical Review Letters, 2011, 106, 207201.	7.8	44
39	The superconducting copper/carbonate cuprates. An electron microscopy study. Physica C: Superconductivity and Its Applications, 1994, 231, 103-108.	1.2	43
40	X-ray structure determination and modeling of the cyclic tetrasaccharide $\alpha\text{-D-GlcPyranose}$. Carbohydrate Research, 2000, 329, 655-665.	2.3	43
41	Jahn-Teller, Polarity, and Insulator-to-Metal Transition in BiMnO_3 at High Pressure. Physical Review Letters, 2014, 112, 075501.	7.8	43
42	Single Crystal Growth of the High Pressure Phase of (VO) ₂ P ₂ O ₇ at 3 GPa. Journal of Solid State Chemistry, 2000, 153, 124-131.	2.9	42
43	Li ₂ O:LiMnO Disordered Rock Salt Nanocomposites as Cathode Prelithiation Additives for High Energy Density Li-Ion Batteries. Advanced Energy Materials, 2020, 10, 1902788.	19.5	42
44	Pyrochlore formation, phase relations, and properties in the CaO-TiO ₂ -(Nb,Ta) ₂ O ₅ systems. Journal of Solid State Chemistry, 2008, 181, 406-414.	2.9	41
45	Enhancement of T _c of $\text{CyCu}_1\text{yBa}_2\text{Ca}_2\text{Cu}_3\text{O}_x$ from 67 K to 120 K by reduction treatments. Physica C: Superconductivity and Its Applications, 1996, 266, 215-222.	1.2	40
46	Magnetic and crystal structures of BiCrO ₃ . Solid State Sciences, 2010, 12, 660-664.	3.2	40
47	Atomic-Scale Snapshots of the Formation and Growth of Hollow PtNi/C Nanocatalysts. Nano Letters, 2017, 17, 2447-2453.	9.1	40
48	The Fine Structure of YCuO _{2+x} Delafossite Determined by Synchrotron Powder Diffraction and Electron Microscopy. Journal of Solid State Chemistry, 2001, 156, 428-436.	2.9	39
49	Synthesis and crystal structure of BaSrCuO _{2+x} ·CO ₃ . Physica C: Superconductivity and Its Applications, 1992, 195, 335-344.	1.2	38
50	Spin-Liquid Correlations in the Nd-Langasite Anisotropic Kagomé Antiferromagnet. Physical Review Letters, 2006, 96, 197205.	7.8	38
51	Anion and Cation Order in Iodide-Bearing Mg/Zn-Al Layered Double Hydroxides. Journal of Physical Chemistry C, 2012, 116, 5460-5475.	3.1	38
52	High pressure synthesis and structural study of R ₂ CuO ₄ compounds with R = Y, Tb, Dy, Ho, Er, Tm. Physica C: Superconductivity and Its Applications, 1992, 193, 178-188.	1.2	37
53	Pb ₃ Sr ₃ Cu ₃ O ₈ +Cl: A new layered copper oxychloride. Physica C: Superconductivity and Its Applications, 1990, 167, 67-74.	1.2	36
54	Single crystal X-ray diffraction study of the HgBa ₂ CuO ₄ +Cl superconducting compound. Physica C: Superconductivity and Its Applications, 1996, 271, 189-196.	1.2	36

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55	Transparent and luminescent glasses of gold thiolate coordination polymers. <i>Chemical Science</i> , 2020, 11, 6815-6823.	7.4	36
56	Single crystal study of the 80K superconductor YBa ₂ Cu ₄ O ₈ . <i>Physica C: Superconductivity and Its Applications</i> , 1989, 162-164, 524-525.	1.2	35
57	Synchrotron X-ray powder diffraction study of the phase I' compound: SnLa ₃ Rh ₄ Sn ₁₂ . <i>Solid State Communications</i> , 1991, 78, 359-366.	1.9	34
58	Electron-density Fourier maps of an untwinned YBa ₂ Cu ₃ O _{6.877} single crystal by x-ray-diffraction data. <i>Physical Review B</i> , 1993, 48, 10638-10641.	3.2	34
59	Gold effect on chemical bonding in YBa ₂ (Cu _{1-γ} , Au _{γ}) ₃ O _{6+x} . <i>Physica C: Superconductivity and Its Applications</i> , 1990, 172, 183-189.	1.2	33
60	Easy-Axis Kagome Antiferromagnet: Local-Probe Study of Nd ₃ Ga ₅ SiO ₁₄ . <i>Physical Review Letters</i> , 2008, 100, 147201.	7.8	31
61	Synthesis and fading of eighteenth-century Prussian blue pigments: a combined study by spectroscopic and diffractive techniques using laboratory and synchrotron radiation sources. <i>Journal of Synchrotron Radiation</i> , 2013, 20, 460-473.	2.4	31
62	Magnetic phase diagram of Y ₂ CuO ₄ : Weak ferromagnetism and metamagnetic transition. <i>Physical Review B</i> , 1994, 50, 9924-9936.	3.2	30
63	Magnetic structure of the spin-1/2 layer compound NaNiO ₂ . <i>European Physical Journal B</i> , 2005, 43, 159-162.	1.5	30
64	Building Practical Descriptors for Defect Engineering of Electrocatalytic Materials. <i>ACS Catalysis</i> , 2020, 10, 9046-9056.	11.2	30
65	Metal atom stoichiometry in the electron doped superconductor (Nd,Ce) ₂ CuO ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 1992, 199, 65-72.	1.2	28
66	Suppression of superconductivity in Hg-1223 and Hg-1234 by partial replacement of Hg by carbon. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 243, 222-232.	1.2	28
67	Superstructure and superconductivity in Li _{1-x} NbO ₂ (x \approx 0.7) single crystals. <i>Physical Review B</i> , 1999, 59, 9590-9599.	3.2	28
68	Magnetic characterization of the non centrosymmetric Ba ₃ NbFe ₃ Si ₂ O ₁₄ langasite. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1778-1781.	2.3	28
69	Double superconducting transition in the filled skutterudite $\text{PrOs}_4\text{P}_{13}$ sample characterizations. <i>Physical Review B</i> , 2008, 77, .	3.2	27
70	Determination of H _{c1} (T) on a Y ₂ Ba ₄ Cu ₈ O ₁₆ single crystal. <i>Solid State Communications</i> , 1990, 75, 315-318.	1.9	26
71	Single crystal growth of BiMnO ₃ under high pressure at high temperature. <i>High Pressure Research</i> , 2009, 29, 600-604.	1.2	26
72	Electron microscopy study of the new high T _c phase Y ₂ Ba ₄ Cu ₇ O _{14+x} . <i>Solid State Communications</i> , 1989, 70, 275-278.	1.9	25

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73	Structure of LaCuO _{2.66} : an oxidized delafossite compound containing hole-doped kagome planes of Cu ²⁺ cations. Solid State Sciences, 2003, 5, 1095-1104.	3.2	25
74	Synthesis, structure, and resistivity properties of K _{1-x} Ba _x NbO ₃ (0.2 ≤ x ≤ 0.5) and K _{0.5} Sr _{0.5} NbO ₃ . Materials Research Bulletin, 1995, 30, 1379-1386.	5.2	24
75	Structure and twinning of Sr ₃ CuPtO ₆ . Acta Crystallographica Section B: Structural Science, 1992, 48, 1-11.	1.8	23
76	High-temperature phase changes in RuSr ₂ GdCu ₂ O ₈ and physical properties. Physica C: Superconductivity and Its Applications, 2003, 387, 347-358.	1.2	23
77	Vanadium Clustering/Declustering in P ₂ Na _{1/2} VO ₂ Layered Oxide. Chemistry of Materials, 2014, 26, 1538-1548.	6.7	23
78	On the possibility of replacing Hg by Cu in the HgBa ₂ CuO ₄ + δ phase synthesized under high-pressure. Physica C: Superconductivity and Its Applications, 1995, 245, 207-211.	1.2	22
79	Hidden Magnetic Frustration by Quantum Relaxation in Anisotropic Nd Langasite. Physical Review Letters, 2008, 100, 237204.	7.8	22
80	Solid State Amorphization of β -Trehalose: A Structural Investigation Using Synchrotron Powder Diffraction and PDF Analysis. Crystal Growth and Design, 2016, 16, 4547-4558.	3.0	22
81	Disentangling the Degradation Pathways of Highly Defective PtNi/C Nanostructures – An Operando Wide and Small Angle X-ray Scattering Study. ACS Catalysis, 2019, 9, 160-167.	11.2	22
82	Gold substitution in mercury cuprate superconductors. Physica C: Superconductivity and Its Applications, 1996, 262, 151-158.	1.2	21
83	High pressure synthesis and properties of the HgBa ₂ Ca _{n-1} Cu _n O _{2n+2} + δ (n=1~6) superconductors. Physica C: Superconductivity and Its Applications, 1994, 235-240, 146-149.	1.2	20
84	Superconductivity in the tungsten bronze $Rb_xW_3O_{10}$		

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91	Oxygen stoichiometry and superconductivity in $\text{YBa}_2\text{Cu}_3\text{O}_{6+x}$ and $\text{Pb}_{2-x}\text{Sr}_2\text{Y}_{1-x}\text{Ca}_x\text{O}_8$. Physica C: Superconductivity and Its Applications, 1989, 162-164, 281-284.	1.2	18
92	Investigation of the RbWO_3 system in connexion with the superconducting properties of the hexagonal tungsten bronzes. Journal of Solid State Chemistry, 2003, 172, 148-159.	2.9	18
93	High pressure synthesis of BiCrO_3 , a candidate for multiferroism. Journal of Physics: Conference Series, 2008, 121, 022009.	0.4	18
94	A NEW CRYSTAL-CHEMICAL VARIATION OF THE ALUNITE-TYPE STRUCTURE IN MONOCLINIC $\text{PbZn}_{0.5}\text{Fe}_3(\text{AsO}_4)_2(\text{OH})_6$. Canadian Mineralogist, 2008, 46, 1355-1364.	1.0	18
95	Ground State of the Easy-Axis Rare-Earth Kagome Langasite $\text{Pr}_3\text{Ga}_5\text{SiO}_{14}$. Physical Review Letters, 2010, 104, 057202.	7.8	18
96	Investigation of the exceptional charge performance of the $0.93\text{Li}_{4-x}\text{Mn}_2\text{O}_5 \cdot 0.07\text{Li}_2\text{O}$ composite cathode for Li-ion batteries. Journal of Materials Chemistry A, 2018, 6, 5156-5165.	10.3	18
97	Unlocking mixed oxides with unprecedented stoichiometries from heterometallic metal-organic frameworks for the catalytic hydrogenation of CO_2 . Chem Catalysis, 2021, 1, 364-382.	6.1	18
98	Weak ferromagnetism and spin-glass-like behavior in Tb_2CuO_4 . Journal of Applied Physics, 1991, 70, 6095-6097.	2.5	17
99	Magnetic-Field-Induced Weak Ferromagnetic Order in Y_2CuO_4 . Europhysics Letters, 1992, 20, 651-656.	2.0	17
100	Enhancement of metallic behavior in bismuth cobaltates through lead doping. Physical Review B, 2001, 63, .	3.2	17
101	Oxygen disorder and the structures of high- T_c superconductors by neutron powder diffraction. IBM Journal of Research and Development, 1989, 33, 220-227.	3.1	16
102	$\text{InCuO}_{2.5}$ and $\text{ScCuO}_{2.5}$: new oxidized copper delafossites with triangular lattices of Cu^{2+} cations. Journal of Physics Condensed Matter, 2004, 16, S811-S816.	1.8	16
103	High pressure synthesis and structural study of R_2CuO_4 compounds with $\text{R}=\text{Y}, \text{Tb}, \text{Dy}, \text{Ho}, \text{Er}, \text{Tm}$. Physica C: Superconductivity and Its Applications, 1991, 185-189, 539-540.	1.2	15
104	Rare-earth magnetic ordering in the R_2CuO_4 cuprates ($\text{R}=\text{Tb}, \text{Dy}, \text{Ho}, \text{Er}$ and Tm). Physica C: Superconductivity and Its Applications, 1993, 213, 81-87.	1.2	15
105	Evolution of structure and superconductivity with lithium content in $\text{Li}_x\text{Ti}_2\text{O}_4$. Journal of Alloys and Compounds, 1993, 195, 81-84.	5.5	15
106	Structural instability around T_c observed in Hg-1201 by neutron powder diffraction and EXAFS. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1081-1082.	1.2	15
107	Overdoped $\text{Hg}_{1-x}\text{Au}_x\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{8+x}$ and the origin of the intrinsic increase of T_c under pressure in mercury cuprates. Physical Review B, 1998, 57, R5630-R5633.	3.2	15
108	Magnetolectric coupling driven by inverse magnetostriction in multiferroic $\text{BiMn}_3\text{Mn}_4\text{O}_{12}$. Journal of Applied Physics, 2013, 113, .	2.5	15

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109	Identifying and quantifying amorphous and crystalline content in complex powdered samples: application to archaeological carbon blacks. <i>Journal of Applied Crystallography</i> , 2016, 49, 585-593.	4.5	15
110	Structural Transformations of d -Mannitol Induced by in Situ Milling Using Real Time Powder Synchrotron Radiation Diffraction. <i>Crystal Growth and Design</i> , 2017, 17, 6111-6122.	3.0	15
111	Reversible densification in nano- Li_2MnO_3 cation disordered rock-salt Li-ion battery cathodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10998-11010.	10.3	15
112	Structural changes and oxygen stoichiometry in $\text{Pb}_{2-x}\text{Sr}_x\text{Y}_{1-x}\text{Ca}_x\text{Cu}_3\text{O}_{8+\delta}$. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 162-164, 53-54.	1.2	14
113	Evidence by x-ray diffraction for two apical oxygen sites in a copper-deficient $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ crystal. <i>Physical Review B</i> , 1993, 47, 3465-3468.	3.2	14
114	Crystal structures and physical properties of some new ternary compounds $\text{U}_2\text{T}_3\text{X}$ ($\text{T} = \frac{1}{4}\text{Ru, Os}$; $\text{X} = \frac{1}{4}\text{Si, Ge}$). <i>Journal of Alloys and Compounds</i> , 1994, 209, 251-255.	5.5	14
115	Anomalous local atomic correlations in $\text{HgBa}_2\text{CuO}_4$. <i>Physical Review B</i> , 1999, 59, 3851-3854.	3.2	14
116	Decoupling of orbital and spin degrees of freedom in $\text{Li}_{1-x}\text{Na}_x\text{NiO}_2$. <i>Physical Review B</i> , 2004, 70, .	3.2	14
117	Single-crystalline BiMnO_3 by temperature-dependent x-ray diffraction and Raman spectroscopy. <i>Physical Review B</i> , 2014, 89, .	3.1	14
118	Single-crystal growth and characterization of the superconductor. <i>Superconductor Science and Technology</i> , 1997, 10, 598-604.	3.5	13
119	Kondo-like effect in the double exchange ferromagnet $\text{La}_{0.5-x}\text{Ce}_x\text{Sr}_{0.5}\text{MnO}_3$. <i>Journal of Magnetism and Magnetic Materials</i> , 2001, 226-230, 777-779.	2.3	13
120	Evolution of structure and superconductivity of $\text{Li}_{1-x}\text{Ti}_2\text{O}_4$ single crystals without Ti cation disorder. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 747-748.	1.2	12
121	Crystal structure and physical properties of new ternary silicides $\text{R}_4\text{T}_3\text{X}_9$ (R, rare earth or uranium; Tj $\frac{1}{12}$ Over $\frac{1}{12}$)	5.5	12
122	The influence of pressure on the superconducting properties of the $(\text{Cu}_x\text{Ca}_{1-x})\text{Ba}_2\text{CuO}_y$ family of HTSC materials. <i>Solid State Communications</i> , 1996, 97, 131-135.	1.9	12
123	High-pressure synchrotron-diffraction study of the superconducting spin-ladder compounds $(\text{Sr},\text{M})_{14}\text{Cu}_{24}\text{O}_{41}$ (M=Ca, Ba, Nd). <i>Physical Review B</i> , 1999, 59, 12048-12053.	3.2	12
124	A new octahedral tilt system in the perovskite phase $\text{Ca}_3\text{Nb}_2\text{O}_8$. <i>Journal of Solid State Chemistry</i> , 2003, 172, 178-187.	2.9	12
125	Synthesis and neutron powder diffraction structural analysis of oxidized delafossite $\text{YCuO}_{2.5}$. <i>Solid State Sciences</i> , 2006, 8, 457-461.	3.2	12
126	Jarosite-butlerite intergrowths in non-stoichiometric jarosites: crystal chemistry of monoclinic natrojarosite-hydroniumjarosite phases. <i>Mineralogical Magazine</i> , 2011, 75, 2775-2791.	1.4	12

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127	Triple Co ^{II, III, IV} charge ordering and spin states in modular cobaltites: a systematization through experimental and virtual compounds. <i>Journal of Materials Chemistry C</i> , 2014, 2, 9457-9466.	5.5	12
128	SrMGe ₂ O ₆ (M = Mn, Co): a family of pyroxene compounds displaying multiferroicity. <i>Journal of Materials Chemistry C</i> , 2016, 4, 4236-4245.	5.5	12
129	Application of the pair distribution function analysis for the study of cultural heritage materials. <i>Comptes Rendus Physique</i> , 2018, 19, 561-574.	0.9	12
130	Ferroelectricity in the 1 $\frac{1}{4}$ C cm ² range induced by canted antiferromagnetism in (LaMn ₃)Mn ₄ O ₁₂ . <i>Applied Physics Letters</i> , 2019, 115, 152902.	3.3	12
131	Structure and physical properties of Li ^x NbO ₂ single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 745-746.	1.2	11
132	Valence ordering in V ₅ O ₉ below 120 K. <i>Journal of Solid State Chemistry</i> , 1991, 92, 380-385.	2.9	10
133	Local μ -probing in the high-T _c superconductor HgBa ₂ CuO ₄ + δ . <i>Physical Review B</i> , 2000, 61, 11769-11775.	3.2	10
134	Oxygen doped S= 1/2 Cu delafossites: a muon spin rotation/relaxation study. <i>Journal of Physics Condensed Matter</i> , 2004, 16, S799-S804.	1.8	10
135	Mixed layered oxide phases Na _x Li ^x NiO ₂ : a detailed description of their preparation and structural and magnetic identification. <i>Solid State Sciences</i> , 2005, 7, 497-506.	3.2	10
136	The crystal structure of perhamite. <i>Mineralogical Magazine</i> , 2006, 70, 201-209.	1.4	10
137	Structural and magnetic properties of the (Ca _{1-x} Na _x)(Fe _{2-x} Ti _x)O ₄ solid solution (0 \leq x \leq 1). <i>Journal of Alloys and Compounds</i> , 2008, 452, 234-240.	5.5	10
138	Structure and magnetic properties of the layered perovskite PbVO ₃ . <i>Journal of Alloys and Compounds</i> , 2014, 602, 265-268.	5.5	10
139	Properties of T ²⁺ -phase cuprate materials. <i>Journal of the Less Common Metals</i> , 1991, 168, 31-37.	0.8	9
140	A New Layered Bismuthate (Sr,K) ₃ Bi ₂ O ₇ : Synthesis and Crystal Structure. <i>Journal of Solid State Chemistry</i> , 1999, 144, 405-408.	2.9	9
141	Structural Characterization of the Engineered Scavenger Compound, H-Li ₂ Ti ₃ O ₇ . <i>Journal of Solid State Chemistry</i> , 2000, 152, 546-553.	2.9	9
142	Crystal growth, structure and ferromagnetic properties of a Ce ₃ Pt ₂₃ Si ₁₁ single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 613-618.	2.3	9
143	A new Al-rich hydroxylan pseudorutile from Kalimantan, Indonesia. <i>American Mineralogist</i> , 2010, 95, 161-170.	1.9	9
144	Crystal Structure and Magnetic Properties of New Cubic Quaternary Compounds $\text{RT}_2\text{Sn}_2\text{Zn}_{18}$ (R = La, Ce, Pr, and Nd, and T = Co) <i>Tj ETQ 0 0 0 BT / Overlo</i>	0.4	8

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145	Operando X-ray Absorption Spectroscopy and Emission $K^{1,3}$ Study of the Manganese Redox Activity in High-Capacity $\text{Li}_4\text{Mn}_2\text{O}_5$ Cathode. Journal of Physical Chemistry C, 2018, 122, 29586-29597.	3.1	9
146	Crystal structure and proton conductivity of $\text{NH}_4\text{H}_2(\text{IO}_3)_3$ and $\text{KH}_2(\text{IO}_3)_3$. Solid State Ionics, 1986, 21, 243-254.	2.7	8
147	Structural studies of the T^* -phases $(\text{La}, \text{Tb}, \text{Pb})_2\text{CuO}_4$, $(\text{La}, \text{Tb}, \text{Sr})_2\text{CuO}_4$. Physica C: Superconductivity and Its Applications, 1990, 171, 468-478.	1.2	8
148	Competition between Magnetism and Superconductivity in Erbium Rhodium Stannide. Journal of Solid State Chemistry, 1999, 147, 399-409.	2.9	8
149	New superconducting CaSi_2 phase with T_c up to 14 K under pressure. Physica B: Condensed Matter, 2000, 284-288, 1117-1118.	2.7	8
150	In situ study of the synthesis of $\text{Hg}_2\text{Ba}_2\text{YCu}_2\text{O}_8$ at high pressure and high temperature by x-ray synchrotron diffraction. Superconductor Science and Technology, 2000, 13, 1129-1134.	3.5	8
151	Local structure studies using the pair distribution function. EPJ Web of Conferences, 2015, 104, 01003.	0.3	8
152	Magnetic structure of the reentrant superconductor $[\text{Sn}(1)0.58\text{Er}(1)0.42]\text{Er}(2)4\text{Rh}_6\text{Sn}_{18}$. Journal of Magnetism and Magnetic Materials, 1986, 54-57, 1527-1528.	2.3	7
153	“Copper-carbonate cuprates” A new family of HTSC mixed oxides. Physica C: Superconductivity and Its Applications, 1994, 235-240, 975-976.	1.2	7
154	Atomic ordering of the fluorine dopant in the $\text{HgBa}_2\text{CuO}_4$ high- T_c superconductor. Physical Review B, 2005, 72, .	3.2	7
155	Formation of collective spins in frustrated clusters. Physical Review B, 2008, 77, .	3.2	7
156	High pressure and high temperature <i>in situ</i> X-ray diffraction studies in the Paris-Edinburgh cell using a laboratory X-ray source. High Pressure Research, 2014, 34, 167-175.	1.2	7
157	Incommensurate spin ordering and excitations in multiferroic $\text{SrMnGe}_2\text{O}_6$. Physical Review B, 2020, 101, .	3.2	7
158	Revealing the Nature of Black Pigments Used on Ancient Egyptian Papyri from Champollion Collection. Analytical Chemistry, 2021, 93, 1135-1142.	6.5	7
159	Oxygen “disorder” and the structures of high- T_c superconductors. Physica B: Condensed Matter, 1989, 156-157, 874-876.	2.7	6
160	Structure, superconducting properties and stoichiometry of $\text{Li}_1-x\text{Ti}_2\text{O}_4$ spinel single crystals. Physica C: Superconductivity and Its Applications, 1991, 185-189, 2721-2722.	1.2	6
161	On the origin of the porous silicon luminescence. Thin Solid Films, 1995, 255, 35-38.	1.8	6
162	Structural studies of new superconducting bismuthates $(\text{Sr}, \text{K})\text{BiO}_3$. Physica C: Superconductivity and Its Applications, 2000, 341-348, 1813-1816.	1.2	6

#	ARTICLE	IF	CITATIONS
163	Å-chains of spin 1/2 in oxygen doped Cu based delafossite. Journal of Physics Condensed Matter, 2004, 16, S805-S810.	1.8	6
164	A mini-goniometer for X-ray diffraction studies down to 4â€¦K on four-circle diffractometers equipped with two-dimensional detectors. Journal of Applied Crystallography, 2007, 40, 526-531.	4.5	6
165	²⁹ Si NMR and ^{69,71} Ga NMR/NQR study of the kagomÃ© compound Nd ₃ Ga ₅ SiO ₁₄ . Journal of Physics: Conference Series, 2009, 145, 012006.	0.4	6
166	Lu ₅ Ir ₄ Si ₁₀ whiskers: Morphology, crystal structure, superconducting and charge density wave transition studies. Journal of Crystal Growth, 2010, 312, 3204-3208.	1.5	6
167	Inhomogeneous magnetism in the doped kagome lattice of LaCuO _{2.66} . Physical Review B, 2013, 87, .	3.2	6
168	Non-invasive X-ray investigations of medieval sculptures: New insights on âœœapplied tin-relief brocadeâœ• technique. Journal of Cultural Heritage, 2021, 47, 89-99.	3.3	6
169	Applying multivariate analysis to X-ray diffraction computed tomography: the study of medieval applied brocades. Journal of Analytical Atomic Spectrometry, 2021, 36, 1724-1734.	3.0	6
170	Sustainable and Efficient Lowâ€•Energy Light Emitters: A Series of Oneâ€•Dimensional d ¹⁰ Coinage Metalâ€•Organic Chalcogenolates, [M(<i>o</i>)â€•PhCO ₂ H)] _n . ChemPhotoChem, 2022, 6, .	3.0	6
171	Valence fluctuation of Yb in the superconducting ytterbium-rhodium stannides. Journal of Magnetism and Magnetic Materials, 1987, 63-64, 524-526.	2.3	5
172	Microstructural aspects of the LTOâ†LTT transition in La _{1.875} Ba _{0.125} CuO ₄ . Physica C: Superconductivity and Its Applications, 1991, 185-189, 873-874.	1.2	5
173	Cation and anion disorder in HgBa ₂ Ca ⁿ 1Cu _n O _{2n+2} Î. Journal of Superconductivity and Novel Magnetism, 1995, 8, 507-510.	0.5	5
174	Crystal Growth and Structure of AlSr ₂ YCu ₂ O ₇ . Journal of Solid State Chemistry, 2000, 149, 256-261.	2.9	5
175	Structure Determination of Sr _{1.25} Bi _{0.75} O ₃ and Sr _{0.4} K _{0.6} BiO ₃ as a Function of Temperature from Synchrotron X-Ray Powder Diffraction Data. Journal of Solid State Chemistry, 2000, 150, 316-323.	2.9	5
176	Crystal growth and structure of a new manganese vanado-antimonate MnVSbO ₆ . Journal of Solid State Chemistry, 2004, 177, 268-273.	2.9	5
177	The structure of the Y-phase in the Mgâ€•Niâ€•Sn system. Journal of Alloys and Compounds, 2004, 372, 121-128.	5.5	5
178	Magnetic phase diagram of the <i>S</i> = 1/2 triangular layered compound NaNiO ₂ : a single crystal study. Journal of Physics Condensed Matter, 2010, 22, 126001.	1.8	5
179	Laboratory implementation of X-ray diffraction/scattering computed tomography. Journal of Applied Crystallography, 2015, 48, 159-165.	4.5	5
180	Bulachite, [Al ₆ (AsO ₄) ₃ (OH) ₉ (H ₂ O) ₄] ⁿ â€•2H ₂ O from Cap Garonne, France: Crystal structure and formation from a higher hydrate. Mineralogical Magazine, 2020, 84, 608-615.	1.4	5

#	ARTICLE	IF	CITATIONS
181	Cobalt clusters in substituted $\text{YBa}_2(\text{Cu}_{1-y}\text{Co}_y)\text{O}_{6+x}$. <i>Physica C: Superconductivity and Its Applications</i> , 1989, 162-164, 51-52.	1.2	4
182	AC susceptibility in weak ferromagnetic R_2CuO_4 cuprates. <i>Journal of Magnetism and Magnetic Materials</i> , 1992, 104-107, 549-550.	2.3	4
183	Electron microscopy study of the $\text{Cu}_{x-1}\text{Ba}_{1-x}\text{Cu}_n\text{O}_y$ superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 235-240, 993-994.	1.2	4
184	The effect of Sr substitution on superconductivity in $\text{Hg}_2(\text{Ba}_{1-y}\text{Sr}_y)_2\text{YCu}_2\text{O}_8$: I. A neutron powder diffraction study. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 4061-4076.	1.8	4
185	Magnetic excitations in a new anisotropic kagomé antiferromagnet. <i>Physica B: Condensed Matter</i> , 2006, 385-386, 72-74.	2.7	4
186	The effect of Zn vacancies on the physical properties of antiperovskite compounds $\text{Mn}_3\text{Zn}_x\text{N}$. <i>Scripta Materialia</i> , 2013, 68, 968-971.	5.2	4
187	$\text{Cu}_{0.8}\text{Mg}_{1.2}\text{Si}_2\text{O}_6$: a copper-bearing silicate with the low-clinopyroxene structure. <i>Mineralogical Magazine</i> , 2016, 80, 325-335.	1.4	4
188	Magnetic Structures of $\text{SnEu}_3\text{Rh}_4\text{Sn}_2$ and $(\text{Sn}_{0.58}\text{Er}_{0.42})\text{Er}_4\text{Rh}_6\text{Sn}_{18}$. <i>Physica B: Physics of Condensed Matter & C: Atomic, Molecular and Plasma Physics, Optics</i> , 1986, 136, 432-435.	0.9	3
189	Order-disorder and superconductivity in $\text{Tl}_1-x\text{Ba}_x\text{Cu}_1-y\text{O}$ and lead-substituted $\text{Bi}_1-x\text{Sr}_x\text{Ca}_1-y\text{Cu}_1-z\text{O}$ compounds. <i>Journal of the Less Common Metals</i> , 1989, 150, 109-115.	0.8	3
190	$H_c1(T)$ and critical current on a $\text{Y}_2\text{Ba}_4\text{Cu}_8\text{O}_{16}$ single crystal. <i>Physica B: Condensed Matter</i> , 1991, 169, 669-670.	2.7	3
191	Structural study of $(\text{Nd}_{1.85}, \text{Ce}_{0.15})\text{CuO}_4$ superconducting singlecrystal by x-ray synchrotron radiation diffraction. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 543-544.	1.2	3
192	Au_{12}I_2 : A new superconducting gold cuprate with T_c above 80 K. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 951-952.	1.2	3
193	High pressure synthesis and structure of the superconducting mercury cuprates $(\text{Hg}_{1-x}\text{M}_x)\text{Ba}_2\text{Ca}_{1-x}\text{Cu}_n\text{O}_{2+2n+\delta}$ with $M = \text{C}, \text{S}$. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 65-68.	1.2	3
194	Integration procedure for the quantitative analysis of dispersive anomalous diffraction. <i>Journal of Applied Crystallography</i> , 2000, 33, 52-63.	4.5	3
195	Reaction mechanism in the high-pressure synthesis of Hg-cuprates: an in-situ synchrotron diffraction study. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 577-578.	1.2	3
196	Optimal and overdoped superconducting regimes in Hg_{2212} system by Pb substitution. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 366, 147-156.	1.2	3
197	(2-Phenylethyl)ammonium tetrabromothallate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m240-m241.	0.2	3
198	^{137}La SR study of frustrated Delafossites YCuO_2 . <i>Physica B: Condensed Matter</i> , 2006, 374-375, 152-155.	2.7	3

#	ARTICLE	IF	CITATIONS
199	Crystal structure and investigation of phase transitions in hexa (2 amino-indolinium) dodecachlorobithallate(III) and quinolinium tetrachlorothallate(III). Journal of Molecular Structure, 2007, 871, 42-48.	3.6	3
200	X-ray diffraction and heterogeneous materials: An adaptive crystallography approach. Comptes Rendus Physique, 2018, 19, 553-560.	0.9	3
201	High-pressure high-temperature synthesis of non-centrosymmetric R ₃ Pt ₄ Ge ₁₃ compounds with R = Gd, Dy, Ho, Er and Lu. Journal of Alloys and Compounds, 2019, 788, 1211-1217.	5.5	3
202	The structure of nano-twinned rhombohedral YCuO _{2.66} solved by electron crystallography. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 107-112.	1.1	3
203	Three different Ge environments in a new Sr ₅ CuGe ₉ O ₂₄ phase synthesized at high pressure and high temperature. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 727-732.	1.1	3
204	Low-Dose Electron Crystallography: Structure Solution and Refinement. Symmetry, 2022, 14, 245.	2.2	3
205	Relations Between Structure and T _c In 123,124 and Thallium Oxide Superconductors. Materials Research Society Symposia Proceedings, 1989, 156, 283.	0.1	2
206	Temperature dependent single crystal X-ray diffraction study of the T _â - phase compound (La _{1.20} Tb _{0.72} Pb _{0.08})CuO ₄ . Journal of the Less Common Metals, 1990, 164-165, 792-799.	0.8	2
207	Diffraction Anomalous Fine Structure Analysis on (Bi,Pb) ₂ PtO ₄ Powders. Materials Science Forum, 1996, 228-231, 95-100.	0.3	2
208	The incommensurate modulated structure of Sr ₁₄ xCa _x Cu ₂₄ O ₄₁ as a function of temperature and composition. Physica C: Superconductivity and Its Applications, 2000, 341-348, 479-480.	1.2	2
209	Crystal structure of (Hg ₁ yPb _y) ₂ Ba ₂ (Y ₁ xCa _x)Cu ₂ O ₈ superconducting compounds by neutron powder diffraction. Physica C: Superconductivity and Its Applications, 2002, 377, 146-155.	1.2	2
210	Structure analysis of superconducting Au-1212 cuprate. Superconductor Science and Technology, 2003, 16, 685-689.	3.5	2
211	Phase stability and non-stoichiometry in M-phase solid solutions in the system LiO _{0.5} NbO _{2.5} TiO ₂ . Journal of Solid State Chemistry, 2004, 177, 660-669.	2.9	2
212	Crystal structure and phase transition of the quinolinium tetrabromothallate(III). Phase Transitions, 2008, 81, 101-111.	1.3	2
213	(Invited) Porous Hollow PtNi/C Nanoparticles and Their Many Facets. ECS Transactions, 2017, 80, 731-741.	0.5	2
214	Charge ordering and magnetic structure in Fe ₃ BO ₅ . Acta Crystallographica Section A: Foundations and Advances, 2005, 61, c57-c57.	0.3	2
215	Stripe structure and Non-Homogeneity of the CuO ₂ Plane by Joint EXAFS and Diffraction. European Physical Journal Special Topics, 1997, 7, C2-735-C2-740.	0.2	2
216	Cyclic Solid-State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. Angewandte Chemie, 0, , .	2.0	2

#	ARTICLE	IF	CITATIONS
217	Cyclic Solid-State Multiple Phase Changes with Tuned Photoemission in a Gold Thiolate Coordination Polymer. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	2
218	Oxygen stoichiometry, structure and superconductivity in the superconducting series $Pb_{2-x}Sr_{2+y}Tl_{1-x}Cu_xO_{8+z}$. <i>Journal of the Less Common Metals</i> , 1990, 164-165, 816-823.	0.8	1
219	Diffraction Imaging of the Grain Structure and Texture of Aluminium Alloys using High Energy Synchrotron X-Rays at the E.S.R.F.. <i>Materials Science Forum</i> , 1996, 217-222, 595-600.	0.3	1
220	Suppression of the metal to semiconductor transition in bismuth cobaltates: Can cobaltates superconduct?. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 793-794.	1.2	1
221	Intermediate phase formation during Hg-2212 synthesis by in-situ X-ray synchrotron diffraction. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 2457-2458.	1.2	1
222	Magnetoresistance in $Tl_2Mn_2O_7$ pyrochlore: magnetic and charge density effects. <i>Journal of Magnetism and Magnetic Materials</i> , 2000, 211, 259-265.	2.3	1
223	Effects of Re substitution on the structure and superconductivity of $Cu_{1-x}Re_xBa_2YCu_2O_w$. <i>Physica C: Superconductivity and Its Applications</i> , 2001, 355, 267-277.	1.2	1
224	Surface quality studies of high-Tc superconductors of the Hg-, Tl- and Hg_xTl_{1-x} -families: RBS and resonant C and O backscattering studies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002, 190, 673-678.	1.4	1
225	The effect of Sr substitution on superconductivity in $Hg_2(Ba_{1-y}Sr_y)_2YCu_2O_{8+\delta}$: II. A bond valence sum approach to the hole distribution. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 4077-4087.	1.8	1
226	Low temperature charge ordering in $Fe_3O_2BO_3$ ludwigite. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2002, 58, c363-c363.	0.3	1
227	Étude structurale de nanomatériaux par diffraction X : utilisation d'un montage avec optique multicouche à collimation 2D. <i>European Physical Journal Special Topics</i> , 2004, 118, 71-75.	0.2	1
228	Short-range-order magnetic diffuse scattering from erbium in $(Er_xSn_{1-x})Er_4Rh_6Sn_{18}$ by Laue neutron diffraction. <i>Physica B: Condensed Matter</i> , 1989, 156-157, 783-785.	2.7	0
229	Low-temperature phase structure of the Ta^{2-} -phase compound $(La, Tb, Pb)_2CuO_4$. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 541-542.	1.2	0
230	Structural and physical properties of the $(Cu,C,B)Ba_2Ca_{n-1}Cu_nO_{2n+2+\delta}$ superconductors with Tc up to 130K under pressure. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 817-818.	1.2	0
231	Superconducting properties of the Mercury and Cu/C phases. <i>Physica C: Superconductivity and Its Applications</i> , 1997, 282-287, 857-858.	1.2	0
232	Structure and Superconductivity of the Bi-, Tl- and Hg-Cuprates. <i>Key Engineering Materials</i> , 1998, 155-156, 383-412.	0.4	0
233	SUPERCONDUCTING BISMUTHATES. , 2000, , .		0
234	Local probing of Hg neighborhood in $HgBa_2CuO_{4+\delta}$. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 1969-1972.	1.2	0

#	ARTICLE	IF	CITATIONS
235	Refinement of Incommensurate Misfit Compounds: $Sr_{1-x}Ca_xCu_{24}O_{41.0.3}$ Materials Science Forum, 2001, 378-381, 638-643.		0
236	The Structure of the Y-Phase in the Mg-Ni-Sn System.. ChemInform, 2004, 35, no.	0.0	0
237	Mixed Layered Oxide Phases $NaxLi_{1-x}NiO_2$: A Detailed Description of Their Preparation and Structural and Magnetic Identification.. ChemInform, 2005, 36, no.	0.0	0
238	Temperature Dependent Local Instability of the Hg ₁₂₁₂ Structure by Polarized EXAFS. European Physical Journal Special Topics, 1997, 7, C2-1245-C2-1246.	0.2	0
239	Structural Studies of Cuprates and Bismuthates by Electron Microscopy. , 1999, , 103-108.		0
240	MAGNETIC STRUCTURES AND SUPERCONDUCTIVITY IN $(Sn_{1-x}Er_x)_2Rh_6Sn_{18}$ WITH $x = 0, 0.42$ AND 0.61 . Journal De Physique Colloque, 1988, 49, C8-401-C8-402.	0.2	0
241	NEW SUPERCONDUCTING OXIDES IN THE Bi-Sr-Ca-Cu-O SYSTEM : MAGNETIC MEASUREMENTS AND STRUCTURAL DETERMINATION. Journal De Physique Colloque, 1988, 49, C8-2111-C8-2112.	0.2	0