

Pierre Bordet

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

229
papers

5,901
citations

37
h-index

68
g-index

248
ext. papers

6,350
ext. citations

4.4
avg, IF

5.11
L-index

#	Paper	IF	Citations
229	Low-Dose Electron Crystallography: Structure Solution and Refinement. <i>Symmetry</i> , 2022 , 14, 245	2.7	0
228	Fe-MOF Materials as Precursors for the Catalytic Dehydrogenation of Isobutane. <i>ACS Catalysis</i> , 2022 , 12, 3832-3844	13.1	4
227	Revealing the Nature of Black Pigments Used on Ancient Egyptian Papyri from Champollion Collection. <i>Analytical Chemistry</i> , 2021 , 93, 1135-1142	7.8	0
226	Non-invasive X-ray investigations of medieval sculptures: New insights on applied tin-relief brocade technique. <i>Journal of Cultural Heritage</i> , 2021 , 47, 89-99	2.9	3
225	Applying multivariate analysis to X-ray diffraction computed tomography: the study of medieval applied brocades. <i>Journal of Analytical Atomic Spectrometry</i> , 2021 , 36, 1724-1734	3.7	1
224	Unlocking mixed oxides with unprecedented stoichiometries from heterometallic metal-organic frameworks for the catalytic hydrogenation of CO ₂ . <i>Chem Catalysis</i> , 2021 , 1, 364-382		7
223	Incommensurate spin ordering and excitations in multiferroic SrMnGe ₂ O ₆ . <i>Physical Review B</i> , 2020 , 101,	3.3	4
222	Transparent and luminescent glasses of gold thiolate coordination polymers. <i>Chemical Science</i> , 2020 , 11, 6815-6823	9.4	8
221	Li ₂ O:LiMnO ₃ Disordered Rock-Salt Nanocomposites as Cathode Prelithiation Additives for High-Energy Density Li-Ion Batteries. <i>Advanced Energy Materials</i> , 2020 , 10, 1902788	21.8	18
220	Reversible densification in nano-Li ₂ MnO ₃ cation disordered rock-salt Li-ion battery cathodes. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 10998-11010	13	8
219	Building Practical Descriptors for Defect Engineering of Electrocatalytic Materials. <i>ACS Catalysis</i> , 2020 , 10, 9046-9056	13.1	11
218	Bulachite, [Al ₆ (AsO ₄) ₃ (OH) ₉ (H ₂ O) ₄]·2H ₂ O from Cap Garonne, France: Crystal structure and formation from a higher hydrate. <i>Mineralogical Magazine</i> , 2020 , 84, 608-615	1.7	5
217	Three different Ge environments in a new SrCuGeO phase synthesized at high pressure and high temperature. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2020 , 76, 727-732	1.8	1
216	High-pressure high-temperature synthesis of non-centrosymmetric R ₃ Pt ₄ Ge ₁₃ compounds with R = Gd, Dy, Ho, Er and Lu. <i>Journal of Alloys and Compounds</i> , 2019 , 788, 1211-1217	5.7	2
215	Ferroelectricity in the 10 ¹¹ cm ⁻¹ range induced by canted antiferromagnetism in (LaMn ₃)Mn ₄ O ₁₂ . <i>Applied Physics Letters</i> , 2019 , 115, 152902	3.4	9
214	The structure of nano-twinned rhombohedral YCuO solved by electron crystallography. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019 , 75, 107-112	1.8	2
213	Disentangling the Degradation Pathways of Highly Defective PtNi/C Nanostructures [An Operando Wide and Small Angle X-ray Scattering Study]. <i>ACS Catalysis</i> , 2019 , 9, 160-167	13.1	15

212	Investigation of the exceptional charge performance of the $0.93\text{Li}_4\text{Mn}_2\text{O}_5 \cdot 0.07\text{Li}_2\text{O}$ composite cathode for Li-ion batteries. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 5156-5165	13	13
211	Local Structure and Lithium Diffusion Pathways in $\text{Li}_4\text{Mn}_2\text{O}_5$ High Capacity Cathode Probed by Total Scattering and XANES. <i>Chemistry of Materials</i> , 2018 , 30, 3060-3070	9.6	16
210	Surface distortion as a unifying concept and descriptor in oxygen reduction reaction electrocatalysis. <i>Nature Materials</i> , 2018 , 17, 827-833	27	230
209	Operando X-ray Absorption Spectroscopy and Emission K β , γ Study of the Manganese Redox Activity in High-Capacity $\text{Li}_4\text{Mn}_2\text{O}_5$ Cathode. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 29586-29597	3.8	6
208	X-ray diffraction and heterogeneous materials: An adaptive crystallography approach. <i>Comptes Rendus Physique</i> , 2018 , 19, 553-560	1.4	2
207	Application of the pair distribution function analysis for the study of cultural heritage materials. <i>Comptes Rendus Physique</i> , 2018 , 19, 561-574	1.4	9
206	Atomic-Scale Snapshots of the Formation and Growth of Hollow PtNi/C Nanocatalysts. <i>Nano Letters</i> , 2017 , 17, 2447-2453	11.5	37
205	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	3.5	11
204	(Invited) Porous Hollow PtNi/C Nanoparticles and Their Many Facets. <i>ECS Transactions</i> , 2017 , 80, 731-741		2
203	Elucidating the Mechanisms Driving the Aging of Porous Hollow PtNi/C Nanoparticles by Means of CO Stripping. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 25298-25307	9.5	14
202	Beyond Strain and Ligand Effects: Microstrain-Induced Enhancement of the Oxygen Reduction Reaction Kinetics on Various PtNi/C Nanostructures. <i>ACS Catalysis</i> , 2017 , 7, 398-408	13.1	95
201	One-dimensional short-range magnetic correlations in the magnetoelectric pyroxene $\text{CaMnGe}_2\text{O}_6$. <i>Physical Review B</i> , 2016 , 93,	3.3	16
200	Solid State Amorphization of α -D-Glucopyranose: A Structural Investigation Using Synchrotron Powder Diffraction and PDF Analysis. <i>Crystal Growth and Design</i> , 2016 , 16, 4547-4558	3.5	17
199	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	3.8	11
198	Defects do Catalysis: CO Monolayer Oxidation and Oxygen Reduction Reaction on Hollow PtNi/C Nanoparticles. <i>ACS Catalysis</i> , 2016 , 6, 4673-4684	13.1	88
197	$\text{Cu}_{0.8}\text{Mg}_{1.2}\text{Si}_2\text{O}_6$: a copper-bearing silicate with the low-clinopyroxene structure. <i>Mineralogical Magazine</i> , 2016 , 80, 325-335	1.7	3
196	SrMGe_2O_6 (M = Mn, Co): a family of pyroxene compounds displaying multiferroicity. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4236-4245	7.1	9
195	Laboratory implementation of X-ray diffraction/scattering computed tomography. <i>Journal of Applied Crystallography</i> , 2015 , 48, 159-165	3.8	5

194	Crystal Structure and Magnetic Properties of New Cubic Quaternary Compounds $RT_2Sn_2Zn_{18}$ (R = La, Ce, Pr, and Nd, and T = Co and Fe). <i>Journal of the Physical Society of Japan</i> , 2015 , 84, 074707	1.5	4
193	Local structure studies using the pair distribution function. <i>EPJ Web of Conferences</i> , 2015 , 104, 01003	0.3	5
192	High pressure and high temperature in situ X-ray diffraction studies in the Paris-Edinburgh cell using a laboratory X-ray source. <i>High Pressure Research</i> , 2014 , 34, 167-175	1.6	5
191	Jahn-Teller, polarity, and insulator-to-metal transition in $BiMnO_3$ at high pressure. <i>Physical Review Letters</i> , 2014 , 112, 075501	7.4	37
190	Vanadium Clustering/Decustering in $P2-Na_{1/2}VO_2$ Layered Oxide. <i>Chemistry of Materials</i> , 2014 , 26, 1538-1548	9.6	23
189	Single-crystalline $BiMnO_3$ studied by temperature-dependent x-ray diffraction and Raman spectroscopy. <i>Physical Review B</i> , 2014 , 89,	3.3	11
188	Structure and magnetic properties of the layered perovskite $PbVO_3$. <i>Journal of Alloys and Compounds</i> , 2014 , 602, 265-268	5.7	6
187	Triple Coll, 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	7.1	11
186	$P2-Na(x)VO_2$ system as electrodes for batteries and electron-correlated materials. <i>Nature Materials</i> , 2013 , 12, 74-80	27	347
185	The effect of Zn vacancies on the physical properties of antiperovskite compounds Mn_3Zn_xN . <i>Scripta Materialia</i> , 2013 , 68, 968-971	5.6	4
184	Relationship between the Synthesis of Prussian Blue Pigments, Their Color, Physical Properties, and Their Behavior in Paint Layers. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 9693-9712	3.8	93
183	Crystal Structures and Spin Crossover in the Polymeric Material $[Fe(Htrz)_2(trz)](BF_4)$ Including Coherent-Domain Size Reduction Effects. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 796-802	2.3	76
182	Magnetoelectric coupling driven by inverse magnetostriction in multiferroic $BiMn_3Mn_4O_{12}$. <i>Journal of Applied Physics</i> , 2013 , 113, 043920	2.5	11
181	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, 460-73	2.4	25
180	Inhomogeneous magnetism in the doped kagome lattice of $LaCuO_{2.66}$. <i>Physical Review B</i> , 2013 , 87,	3.3	5
179	Anion and Cation Order in Iodide-Bearing $Mg/Zn-Al$ Layered Double Hydroxides. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 5460-5475	3.8	33
178	Symmetry adapted analysis of the magnetic and structural phase diagram of $Bi_{1-x}Y_xCrO_3$. <i>Physical Review B</i> , 2012 , 85,	3.3	16
177	Correlation among Structure, Microstructure, and Electrochemical Properties of $NiAl_2O_3$ Layered Double Hydroxide Thin Films. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 15646-15659	3.8	52

176	Parity-broken chiral spin dynamics in BaNbFeSiO . <i>Physical Review Letters</i> , 2011 , 106, 207201	7.4	37
175	JarositeButlerite intergrowths in non-stoichiometric jarosites: crystal chemistry of monoclinic natrojarositeHydroniumjarosite phases. <i>Mineralogical Magazine</i> , 2011 , 75, 2775-2791	1.7	11
174	From $[\text{C}_6\text{H}_4(\text{NH}_3)_2]_2\text{Bi}_2\text{I}_{10}$ reversible solid-state transition, thermochromic and optical studies in the p-phenylenediamine-based iodobismuthate(III) material. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 3336-3344	3.3	51
173	Ground state of the easy-axis rare-earth kagome langasite $\text{Pr}_3\text{Ga}_5\text{SiO}_{14}$. <i>Physical Review Letters</i> , 2010 , 104, 057202	7.4	16
172	Magnetic phase diagram of the $S = 1/2$ triangular layered compound $\text{NaNiO}(2)$: a single crystal study. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 126001	1.8	5
171	A new Al-rich hydroxylated pseudorutile from Kalimantan, Indonesia. <i>American Mineralogist</i> , 2010 , 95, 161-170	2.9	5
170	Magnetic and dielectric properties in the langasite-type compounds: $\text{A}_3\text{BFe}_3\text{D}_2\text{O}_{14}$ (A=Ba, Sr, Ca; B=Ta, Nb, Sb; D=Ge, Si). <i>Physical Review B</i> , 2010 , 81,	3.3	67
169	Magnetic and crystal structures of BiCrO_3 . <i>Solid State Sciences</i> , 2010 , 12, 660-664	3.4	32
168	$\text{Lu}_5\text{Ir}_4\text{Si}_{10}$ whiskers: Morphology, crystal structure, superconducting and charge density wave transition studies. <i>Journal of Crystal Growth</i> , 2010 , 312, 3204-3208	1.6	5
167	Crystal growth, structure and ferromagnetic properties of a $\text{Ce}_3\text{Pt}_3\text{Si}_{11}$ single crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 613-618	2.8	8
166	Magnetic characterization of the non centrosymmetric $\text{Ba}_3\text{NbFe}_3\text{Si}_2\text{O}_{14}$ langasite. <i>Journal of Magnetism and Magnetic Materials</i> , 2009 , 321, 1778-1781	2.8	27
165	Magnetic structure and charge ordering in Fe_3BO_5 : A single-crystal x-ray and neutron powder diffraction study. <i>Physical Review B</i> , 2009 , 79,	3.3	54
164	Single crystal growth of BiMnO_3 under high pressure/high temperature. <i>High Pressure Research</i> , 2009 , 29, 600-604	1.6	20
163	^{29}Si NMR and $^{69,71}\text{Ga}$ NMR/NQR study of the kagome compound $\text{Nd}_3\text{Ga}_5\text{SiO}_{14}$. <i>Journal of Physics: Conference Series</i> , 2009 , 145, 012006	0.3	2
162	A NEW CRYSTAL-CHEMICAL VARIATION OF THE ALUNITE-TYPE STRUCTURE IN MONOCLINIC $\text{PbZn}_{0.5}\text{Fe}_3(\text{AsO}_4)_2(\text{OH})_6$. <i>Canadian Mineralogist</i> , 2008 , 46, 1355-1364	0.7	8
161	Structural and magnetic properties of the $(\text{Ca}_{1-x}\text{Na}_x)(\text{Fe}_{2-x}\text{Tix})\text{O}_4$ solid solution (0 x 1). <i>Journal of Alloys and Compounds</i> , 2008 , 452, 234-240	5.7	9
160	Crystal structure and phase transition of the quinolinium tetrabromothallate(III). <i>Phase Transitions</i> , 2008 , 81, 101-111	1.3	2
159	Easy-axis kagome antiferromagnet: local-probe study of $\text{Nd}_3\text{Ga}_5\text{SiO}_{14}$. <i>Physical Review Letters</i> , 2008 , 100, 147201	7.4	27

158	Double superconducting transition in the filled skutterudite PrOs ₄ Sb ₁₂ and sample characterizations. <i>Physical Review B</i> , 2008 , 77,	3-3	22
157	Formation of collective spins in frustrated clusters. <i>Physical Review B</i> , 2008 , 77,	3-3	7
156	Hidden magnetic frustration by quantum relaxation in anisotropic Nd langasite. <i>Physical Review Letters</i> , 2008 , 100, 237204	7-4	18
155	Single domain magnetic helicity and triangular chirality in structurally enantiopure Ba ₃ NbFe ₃ Si ₂ O ₁₄ . <i>Physical Review Letters</i> , 2008 , 101, 247201	7-4	72
154	A portable instrument for in situ determination of the chemical and phase compositions of cultural heritage objects. <i>X-Ray Spectrometry</i> , 2008 , 37, 418-423	0-9	78
153	Pyrochlore formation, phase relations, and properties in the CaO _{1-x} IrO ₂ (Nb,Ta) ₂ O ₅ systems. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 406-414	3-3	37
152	High pressure synthesis of BiCrO ₃ , a candidate for multiferroism. <i>Journal of Physics: Conference Series</i> , 2008 , 121, 022009	0-3	16
151	Crystal structure and investigation of phase transitions in hexa (2 amino-indolinium) dod ⁺ chlorobithallate(III) and quinolinium tetrachlorothallate(III). <i>Journal of Molecular Structure</i> , 2007 , 871, 42-48	3-4	3
150	A mini-goniometer for X-ray diffraction studies down to 4 K on four-circle diffractometers equipped with two-dimensional detectors. <i>Journal of Applied Crystallography</i> , 2007 , 40, 526-531	3-8	4
149	Superconductivity in the tungsten bronze RbxWO ₃ (0.20?x?0.33) in connection with its structure, electronic density of states, and phonon density of states. <i>Physical Review B</i> , 2007 , 76,	3-3	19
148	Synthesis and neutron powder diffraction structural analysis of oxidized delafossite YCuO _{2.5} . <i>Solid State Sciences</i> , 2006 , 8, 457-461	3-4	8
147	The crystal structure of perhamite. <i>Mineralogical Magazine</i> , 2006 , 70, 201-209	1-7	8
146	Spin-liquid correlations in the Nd-langasite anisotropic kagom ⁺ antiferromagnet. <i>Physical Review Letters</i> , 2006 , 96, 197205	7-4	35
145	Magnetic frustration on a Kagom ⁺ lattice in R ₃ Ga ₅ Si ₁₄ langasites with R = Nd, Pr. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, 5147-5153	1-8	37
144	BR study of frustrated Delafossites YCuO ₂ + δ . <i>Physica B: Condensed Matter</i> , 2006 , 374-375, 152-155	2-8	3
143	Magnetic excitations in a new anisotropic kagom ⁺ antiferromagnet. <i>Physica B: Condensed Matter</i> , 2006 , 385-386, 72-74	2-8	4
142	Magnetic structure of the spin-1/2 layer compound NaNiO ₂ . <i>European Physical Journal B</i> , 2005 , 43, 159-162		25
141	Mixed layered oxide phases NaxLi _{1-x} NiO ₂ : a detailed description of their preparation and structural and magnetic identification. <i>Solid State Sciences</i> , 2005 , 7, 497-506	3-4	5

140	(2-Phenylethyl)ammonium tetrabromothallate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m240-m241		3
139	Atomic ordering of the fluorine dopant in the HgBa ₂ CuO ₄ + δ high-Tc superconductor. <i>Physical Review B</i> , 2005 , 72,	3-3	7
138	Nonmagnetic insulator state in Na ₁ CoO ₂ and phase separation of na vacancies. <i>Physical Review Letters</i> , 2005 , 95, 186405	7-4	45
137	Charge ordering and magnetic structure in Fe ₃ BO ₅ . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005 , 61, c57-c57		2
136	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	9
135	δ -chains of spin 1/2 in oxygen doped Cu based delafossite. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S805-S810	1.8	6
134	InCuO _{2.5} and ScCuO _{2.5} : new oxidized copper delafossites with triangular lattices of Cu ²⁺ cations. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, S811-S816	1.8	15
133	The effect of Sr substitution on superconductivity in Hg ₂ (Ba _{1-y} Sr _y) ₂ CuO ₈ : I. A neutron powder diffraction study. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 4061-4076	1.8	3
132	The effect of Sr substitution on superconductivity in Hg ₂ (Ba _{1-y} Sr _y) ₂ CuO ₈ : II. A bond valence sum approach to the hole distribution. <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 4077-4087	1.8	1
131	Decoupling of orbital and spin degrees of freedom in Li _{1-x} NaxNiO ₂ . <i>Physical Review B</i> , 2004 , 70,	3-3	12
130	Phase stability and non-stoichiometry in M-phase solid solutions in the system LiO _{0.5} NbO _{2.5} TiO ₂ . <i>Journal of Solid State Chemistry</i> , 2004 , 177, 660-669	3-3	2
129	Crystal growth and structure of a new manganese vanado-antimonate MnVSbO ₆ . <i>Journal of Solid State Chemistry</i> , 2004 , 177, 268-273	3-3	5
128	The structure of the Y-phase in the Mg _{1-x} Ni _x system. <i>Journal of Alloys and Compounds</i> , 2004 , 372, 121-128	5-7	4
127	MgB ₂ single crystals: high pressure growth and physical properties. <i>Superconductor Science and Technology</i> , 2003 , 16, 221-230	3-1	80
126	Structure analysis of superconducting Au-1212 cuprate. <i>Superconductor Science and Technology</i> , 2003 , 16, 685-689	3-1	2
125	Structure of LaCuO _{2.66} : an oxidized delafossite compound containing hole-doped kagome planes of Cu ²⁺ cations. <i>Solid State Sciences</i> , 2003 , 5, 1095-1104	3-4	23
124	Investigation of the RbW ₃ O ₇ system in connexion with the superconducting properties of the hexagonal tungsten bronzes. <i>Journal of Solid State Chemistry</i> , 2003 , 172, 148-159	3-3	17
123	A new octahedral tilt system in the perovskite phase Ca ₃ Nb ₂ O ₈ . <i>Journal of Solid State Chemistry</i> , 2003 , 172, 178-187	3-3	11

122	High-temperature phase changes in RuSr ₂ GdCu ₂ O ₈ and physical properties. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 387, 347-358	1.3	23
121	Single crystal growth of MgB ₂ and thermodynamics of MgB ₂ system at high pressure. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 385, 42-48	1.3	59
120	Surface quality studies of high-T _c superconductors of the Hg-, Tl- and Hg _x Tl _{1-x} -families: RBS and resonant C and O backscattering studies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002 , 190, 673-678	1.2	1
119	Optimal and overdoped superconducting regimes in Hg-2212 system by Pb substitution. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 366, 147-156	1.3	3
118	Crystal structure of (Hg _{1-x} Pb _x) ₂ Ba ₂ (Y _{1-x} Ca _x)Cu ₂ O ₈ superconducting compounds by neutron powder diffraction. <i>Physica C: Superconductivity and Its Applications</i> , 2002 , 377, 146-155	1.3	2
117	Effects of Re substitution on the structure and superconductivity of Cu _{1-x} Re _x Ba ₂ YC _u O _w . <i>Physica C: Superconductivity and Its Applications</i> , 2001 , 355, 267-277	1.3	1
116	The Fine Structure of YCuO _{2+x} Delafossite Determined by Synchrotron Powder Diffraction and Electron Microscopy. <i>Journal of Solid State Chemistry</i> , 2001 , 156, 428-436	3.3	33
115	Kondo-like effect in the double exchange ferromagnet La _{0.5-x} Ce _x Sr _{0.5} MnO ₃ . <i>Journal of Magnetism and Magnetic Materials</i> , 2001 , 226-230, 777-779	2.8	12
114	Refinement of Incommensurate Misfit Compounds: Sr _{14-x} Ca _x Cu ₂₄ O ₄₁ . <i>Materials Science Forum</i> , 2001 , 378-381, 638-643	0.4	
113	Absence of a structural transition up to 40 GPa in MgB ₂ and the relevance of magnesium nonstoichiometry. <i>Physical Review B</i> , 2001 , 64,	3.3	47
112	Enhancement of metallic behavior in bismuth cobaltates through lead doping. <i>Physical Review B</i> , 2001 , 63,	3.3	16
111	Crystal Growth and Structure of AlSr ₂ YC _u O ₇ . <i>Journal of Solid State Chemistry</i> , 2000 , 149, 256-261	3.3	5
110	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. <i>Journal of Solid State Chemistry</i> , 2000 , 150, 316-323	3.3	3
109	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	3.3	9
108	Single Crystal Growth of the High Pressure Phase of (VO) ₂ P ₂ O ₇ at 3 GPa. <i>Journal of Solid State Chemistry</i> , 2000 , 153, 124-131	3.3	37
107	X-ray structure determination and modeling of the cyclic tetrasaccharide cyclo. <i>Carbohydrate Research</i> , 2000 , 329, 655-65	2.9	35
106	Integration procedure for the quantitative analysis of dispersive anomalous diffraction. <i>Journal of Applied Crystallography</i> , 2000 , 33, 52-63	3.8	3
105	New superconducting CaSi ₂ phase with T _c up to 14 K under pressure. <i>Physica B: Condensed Matter</i> , 2000 , 284-288, 1117-1118	2.8	7

104	The incommensurate modulated structure of Sr _{14-x} CaxC ₂₄ O ₄₁ as a function of temperature and composition. <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 479-480	1.3	2
103	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	1.3	3
102	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	1.3	1
101	Structural studies of new superconducting bismuthates (Sr,K)BiO ₃ . <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 1813-1816	1.3	4
100	Local probing of Hg neighborhood in HgBa ₂ CuO ₄ + δ <i>Physica C: Superconductivity and Its Applications</i> , 2000 , 341-348, 1969-1972	1.3	
99	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	1.3	1
98	Magnetoresistance in Tl ₂ Mn ₂ O ₇ pyrochlore: magnetic and charge density effects. <i>Journal of Magnetism and Magnetic Materials</i> , 2000 , 211, 259-265	2.8	1
97	In situ study of the synthesis of Hg ₂ Ba ₂ YC _u O ₈ - δ at high pressure and high temperature by x-ray synchrotron diffraction. <i>Superconductor Science and Technology</i> , 2000 , 13, 1129-1134	3.1	8
96	Local O ₁ probing in the high-T _c superconductor HgBa ₂ CuO ₄ + δ <i>Physical Review B</i> , 2000 , 61, 11769-11775	3.3	10
95	Structural phase transitions in CaSi ₂ under high pressure. <i>Physical Review B</i> , 2000 , 62, 11392-11397	3.3	56
94	Superstructure and superconductivity in Li _{1-x} NbO ₂ (x \approx 0.7) single crystals. <i>Physical Review B</i> , 1999 , 59, 9590-9599	3.3	23
93	Anomalous local atomic correlations in HgBa ₂ CuO ₄ + δ <i>Physical Review B</i> , 1999 , 59, 3851-3854	3.3	13
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43	High pressure synthesis and structural study of R_2CuO_4 compounds with R = Y, Tb, Dy, Ho, Er, Tm. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 193, 178-188	1.3	34
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