

# olivier Mentr

## 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.

195  
papers

3,348  
citations

28  
h-index

45  
g-index

242  
ext. papers

3,771  
ext. citations

5.6  
avg, IF

5.08  
L-index

#	Paper	IF	Citations
195	Fragile magnetic ordering between robust 2D-ferrimagnets in the AFe <sub>3</sub> (SeO <sub>3</sub> ) <sub>2</sub> F <sub>6</sub> (A = K, Rb, Cs) series. <i>Journal of Materials Chemistry C</i> , <b>2022</b> , 10, 2139-2148	7.1	0
194	Giant coercivity and spin clusters in high pressure polymorphs of Mn <sub>2</sub> LiReO <sub>6</sub> .. <i>Journal of Materials Chemistry C</i> , <b>2022</b> , 10, 4336-4341	7.1	1
193	Compressibility of structural modulation waves in the chain compounds BaCoXO (X = As, P): a powder study.. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2022</b> , 78, 162-171	1.8	
192	Morphotropism in fumarolic mineral-related anhydrous sulfates: novel representatives in AM(SO) and AM(SO) series.. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , <b>2022</b> , 78, 153-161	1.8	0
191	From (= 1) Spin Hexamer to Spin Tetradecamer by CuO Interstitials in ACuO(CuO)(SO) (A = alkali). <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 18185-18191	5.1	1
190	Spin structures and band gap reduction of high-pressure triple perovskite Mn <sub>3</sub> MnTa <sub>2</sub> O <sub>9</sub> . <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 14916-14920	7.1	0
189	= 1/2 Chain in BiVOF: Spin Dimers versus Photoanodic Properties. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6942-6951	16.4	4
188	Cycloidal Magnetic Order Promoted by Labile Mixed Anionic Paths in M(SeO)F (M = Mn, Ni). <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 12001-12008	5.1	1
187	The effect of the Mo/W ratio on the catalytic properties of alumina supported hydrotreating catalysts prepared from mixed SiMo <sub>6</sub> W <sub>6</sub> and SiMo <sub>9</sub> W <sub>3</sub> heteropolyacids. <i>Catalysis Today</i> , <b>2021</b> , 377, 100-113	5.3	2
186	Multiferroic BaCoX <sub>2</sub> O <sub>7</sub> (X = P, As) Compounds with Incommensurate Structural Waves but Collinear Spin Ingredients. <i>Advanced Quantum Technologies</i> , <b>2021</b> , 4, 2000064	4.3	2
185	A fumarole in a one-pot: synthesis, crystal structure and properties of Zn- and Mg-analogs of itelmenite and a synthetic analog of glikinite. <i>Physics and Chemistry of Minerals</i> , <b>2021</b> , 48, 1	1.6	2
184	Hybrid electrons in the trimerized GaVO. <i>Materials Horizons</i> , <b>2021</b> , 8, 2325-2329	14.4	1
183	MnMnNbO: high-pressure triple perovskite with 1 : 2 B-site order and modulated spins. <i>Chemical Communications</i> , <b>2021</b> , 57, 8441-8444	5.8	2
182	Complex magnetism in NiTeO-type CoTeO and high-pressure polymorphs of MnCoTeO solid solutions. <i>Chemical Communications</i> , <b>2021</b> , 57, 2511-2514	5.8	2
181	Unusual mixed-valence CuII/CuI coordination polymer based on 2,5-bis(pyridine-2-yl)-1,3,4-thiadiazole and thiocyanate: Synthesis, structural characterization and antimicrobial in vitro activity assessment. <i>Polyhedron</i> , <b>2021</b> , 209, 115494	2.7	0
180	Open-framework transition metal fluorophosphates with one-dimensional antiferromagnetic chains. <i>Journal of Solid State Chemistry</i> , <b>2021</b> , 304, 122526	3.3	1
179	Direct Bi <sup>3+</sup> +Bi <sup>3+</sup> contacts mediated by lone pairs in the HP-BiNiO(PO <sub>4</sub> ) polymorph. <i>CrystEngComm</i> , <b>2021</b> , 23, 5124-5130	3.3	1

178	Magnetic hexamers interacting in layers in the $(\text{Na,K})_2\text{Cu}_3\text{O}(\text{SO}_4)_3$ minerals. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	6
177	Oxysulfide $\text{Ba}(\text{VOS})(\text{S})$ Combining Disulfide Channels and Mixed-Anion Tetrahedra and Its Third-Harmonic-Generation Properties. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 5907-5917	5.1	3
176	Polymorphs, phase transitions and stability in $\text{BaM}_2(\text{PO}_4)_2$ $\text{M} = \text{Mn, Fe, Co}$ systems. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 239-246	6.8	3
175	Original Oxo-Centered Frameworks in $\text{Bi}(\text{VO})\text{O}$ and $\text{Bi}(\text{AsO})(\text{OH})\text{O}$ by Supercritical Steam. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 9486-9490	5.1	
174	A new homobimetallic cobalt(II) complex based on the tetradentate 3,5-bis(2-pyridyl)-1H-1,2,4-triazole ligand: Synthesis, crystal structure, Hirshfeld analysis, spectroscopic characterization, magnetic properties and antimicrobial activities. <i>Polyhedron</i> , <b>2020</b> , 189, 114722	2.7	3
173	Magnetic Structures of $\text{MnTaO}$ and Interpretation as an Hexagonal A-site Manganite. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 13128-13135	5.1	0
172	Synthesis, structure and magnetic behavior of iron arsenites with hierarchical magnetic units. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3987-3999	6.8	2
171	Metamagnetic Transitions versus Magnetocrystalline Anisotropy in Two Cobalt Arsenates with 1D Co Chains. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 12609-12617	5.1	3
170	Identification and optical features of the $\text{PbLnO}$ series ( $\text{Ln} = \text{La, Gd, Sm, Nd}$ ); genuine 2D-van der Waals oxides. <i>Chemical Communications</i> , <b>2019</b> , 55, 2944-2947	5.8	1
169	The hidden story in $\text{BaNiO}$ to $\text{BaNiO}$ transformation: adaptive structural series and NiO exsolution. <i>Chemical Communications</i> , <b>2019</b> , 55, 3717-3720	5.8	3
168	Magnetic frustration in the high-pressure $\text{MnMnTeO}$ ( $\text{MnTeO-II}$ ) double perovskite. <i>Chemical Communications</i> , <b>2019</b> , 55, 14470-14473	5.8	10
167	A NASICON-Type Positive Electrode for Na Batteries with High Energy Density: $\text{Na}_4\text{MnV}(\text{PO}_4)_3$ . <i>Small Methods</i> , <b>2019</b> , 3, 1800218	12.8	74
166	Mineral-Inspired Crystal Growth and Physical Properties of $\text{Na}_2\text{Cu}(\text{SO}_4)_2$ and Review of $\text{Na}_2\text{M}(\text{SO}_4)_2(\text{H}_2\text{O})_x$ ( $x = 0\text{B}$ ) Compounds. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 1233-1244	3.5	11
165	The $\text{BaS}(\text{VOS})$ Oxysulfide: One-Dimensional Structure and Mixed Anion Chemical Bonding. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 1349-1357	5.1	4
164	Synthesis and structural variety of first Mn and Bi selenites and selenite chlorides. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2019</b> , 234, 141-153	1	2
163	Undulated oxo-centered layers in $\text{PbLn}_3\text{O}_4(\text{VO}_4)$ ( $\text{Ln} = \text{La and Nd}$ ) and relationship with $\text{Nd}_4\text{O}_4(\text{GeO}_4)$ . <i>Journal of Solid State Chemistry</i> , <b>2018</b> , 260, 101-105	3.3	1
162	Nanometric nickel exsolution in the hexagonal perovskite $\text{Ba}_8\text{Ta}_6\text{NiO}_{24}$ : Survey of the structural, magnetic and catalytic features. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 766, 987-993	5.7	7
161	Compressibility of $\text{BiCuPO}$ : Polymorphism against $S = \uparrow$ Magnetic Spin Ladders. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 6038-6044	5.1	6

160	Mixed-Valence Iron Dumortierite Fe(AsO)(OH) and Its Intricate Topotactic Exsolution at Mild Temperatures. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 15093-15104	5.1	2
159	Molecular approach to prepare mixed MoW alumina supported hydrotreatment catalysts using H <sub>4</sub> SiMoW <sub>12</sub> O <sub>40</sub> heteropolyacids. <i>Catalysis Science and Technology</i> , <b>2018</b> , 8, 5557-5572	5.5	17
158	Pathways for synthesis of new selenium-containing oxo-compounds: Chemical vapor transport reactions, hydrothermal techniques and evaporation method. <i>Journal of Crystal Growth</i> , <b>2017</b> , 457, 307-313	1.6	13
157	Reduction of Ln <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> Layered Perovskites: A Survey of the Anionic Lattice, Electronic Features, and Potentials. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 1047-1057	9.6	19
156	Synthesis and crystal structure of BiCuSe <sub>2</sub> O <sub>5</sub> , a new polymorph of copper diselenite. <i>Mendeleev Communications</i> , <b>2017</b> , 27, 61-63	1.9	3
155	Bismuth and vanadate activators in BiMVO <sub>5</sub> (M=Ca, Mg, Cd) phases: Structural, electronic and optical specificities. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 709, 373-380	5.7	6
154	Original positively charged nanoflakes by liquid exfoliation of layered oxybromide cobaltites. <i>CrystEngComm</i> , <b>2017</b> , 19, 304-312	3.3	1
153	Original oxo-centered bismuth oxo-arsenates; critical effect of PO <sub>4</sub> for AsO <sub>4</sub> substitution. <i>CrystEngComm</i> , <b>2017</b> , 19, 936-945	3.3	5
152	Comprehensive Study of Oxygen Storage in YbFeO (x=0.5): Unprecedented Coexistence of FeO Polyhedra in One Single Phase. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 17031-17043	16.4	7
151	Bonding Scheme and Optical Properties in BiM <sub>2</sub> O <sub>7</sub> (PO <sub>4</sub> ) <sub>2</sub> (M=Cd, Mg, Zn); Experimental and Theoretical Analysis. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 15694-15703	4.8	8
150	The first lead cobalt phosphite, PbCo(HPO). <i>Dalton Transactions</i> , <b>2017</b> , 46, 12655-12662	4.3	4
149	A comprehensive study of magnetic exchanges in the layered oxychalcogenides Sr <sub>3</sub> Fe <sub>2</sub> O <sub>5</sub> Cu <sub>2</sub> Q <sub>2</sub> (Q= S, Se). <i>Journal of Magnetism and Magnetic Materials</i> , <b>2017</b> , 444, 147-153	2.8	3
148	Topochemical Reduction of YMnO into a Composite Structure. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8547-8553	5.1	6
147	Lead Oxychloride Borates Obtained under Extreme Conditions. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9077-84	5.1	11
146	Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> +δ: a growing potential SOFC cathode material: Impact of the layer composition and thickness on the electrochemical properties. <i>Solid State Ionics</i> , <b>2016</b> , 294, 21-30	3.3	33
145	Copper(II) coordination chain complex with the 2,5-bis(2-pyridyl)-1,3,4-thiadiazole ligand and an asymmetric μ-1,1'-azido double-bridged: Synthesis, crystal structure and magnetic properties. <i>Journal of Molecular Structure</i> , <b>2016</b> , 1123, 400-406	3.4	10
144	ABiO <sub>2</sub> X (A = Cd, Ca, Sr, Ba, Pb; X = halogen) Sillen X1 Series: Polymorphism Versus Optical Properties. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 7582-92	5.1	26
143	Exploration of Vanadate Selenites Solid Phase Space, Crystal Structures, and Polymorphism. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 3113-3123	3.5	10

142	Bonding Scheme, Hydride Character, and Magnetic Paths of $(\text{HPO}_3)_2$ versus $(\text{SeO}_3)_2$ Building Units in Solids. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 1650-1656	3.8	13
141	Dimers of oxocentred $[\text{OCu}_4]^{6+}$ tetrahedra in two novel copper selenite chlorides, $\text{K}[\text{Cu}_3\text{O}](\text{SeO}_3)_2\text{Cl}$ and $\text{Na}_2[\text{Cu}_7\text{O}_2](\text{SeO}_3)_4\text{Cl}_4$ , and related minerals and inorganic compounds. <i>Mineralogical Magazine</i> , <b>2016</b> , 80, 227-238	1.7	13
140	Common Building Motifs in $\text{Ba}_2\text{Fe}_3(\text{PO}_4)_4 \cdot 2\text{H}_2\text{O}$ , $\text{BaFe}_3(\text{PO}_4)_3$ , and $\text{Na}_3\text{Fe}_3(\text{PO}_4)_4$ : Labile $\text{Fe}(2+)/\text{Fe}(3+)$ Ordering and Charge-Dependent Magnetism. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 4354-61	5.1	4
139	$\text{BaCoO}_{2.22}$ : the most oxygen-deficient certified cubic perovskite. <i>Dalton Transactions</i> , <b>2015</b> , 44, 10728-37	3.3	20
138	$[\text{NaCl}][\text{Cu}(\text{HSeO}_3)_2]$ , NaCl-intercalated $\text{Cu}(\text{HSeO}_3)_2$ : synthesis, crystal structure and comparison with related compounds. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2015</b> , 230, 573-577	1	10
137	Influence of the synthesis route on the formation of 12R/10H-polytypes and their magnetic properties within the $\text{Ba}(\text{Ce},\text{Mn})\text{O}_3$ family. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 829-835	3.6	8
136	Niobium-containing Lindqvist Isopolyanions $[\text{Nb}_x\text{W}_{6-x}\text{O}_{19}]^{(2+x)-}$ Used as Precursors for Hydrodesulfurization Catalysts with Isomerization Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 2067-2075	2.3	9
135	Synthesis, crystal structure, high-temperature behavior and magnetic properties of $\text{CoBiO}(\text{AsO}_4)$ , a Co analogue of paganoite. <i>Physics and Chemistry of Minerals</i> , <b>2015</b> , 42, 663-670	1.6	7
134	Reversible Exsolution of Nanometric $\text{Fe}_2\text{O}_3$ Particles in $\text{BaFe}_2(\text{PO}_4)_2$ (0 $\leq x \leq 1/3$ ): The Logic of Vacancy Ordering in Novel Metal-Depleted Two-Dimensional Lattices. <i>Crystal Growth and Design</i> , <b>2015</b> , 15, 4237-4247	3.5	8
133	Discovery of a Sodium-Ordered Form of $\text{Na}_3\text{V}_2(\text{PO}_4)_3$ below Ambient Temperature. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 5982-5987	9.6	86
132	Novel $\text{La}_3\text{Fe}(\text{MoO}_4)_6$ phase: magnetic properties and ethanol reactivity. <i>Dalton Transactions</i> , <b>2015</b> , 44, 14444-52	4.3	3
131	Structural Evolution from 0D Units to 3D Frameworks in Pb Oxyhalides: Unexpected Strongly Corrugated Layers in $\text{Pb}_7\text{O}_6\text{Br}_2$ . <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 11550-6	5.1	15
130	Oxocentred Cu(II) lead selenite honeycomb lattices hosting $\text{Cu}(\text{I})\text{Cl}_2$ groups obtained by chemical vapor transport reactions. <i>Chemical Communications</i> , <b>2015</b> , 51, 9563-6	5.8	19
129	Selective Metal Exsolution in $\text{BaFe}_{(2-y)}\text{M}_y(\text{PO}_4)_2$ ( $\text{M} = \text{Co}(2+), \text{Ni}(2+)$ ) Solid Solutions. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 8733-43	5.1	8
128	Emulating exhalative chemistry: synthesis and structural characterization of ilinskite, $\text{Na}[\text{Cu}_5\text{O}_2](\text{SeO}_3)_2\text{Cl}_3$ , and its K-analogue. <i>Mineralogy and Petrology</i> , <b>2015</b> , 109, 421-430	1.6	26
127	pH controlled pathway and systematic hydrothermal phase diagram for elaboration of synthetic lead nickel selenites. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 2425-34	5.1	12
126	Keggin $(\text{K}_5, \text{H}_3\text{O})[\text{SiV}_3\text{W}_9\text{O}_{40}\text{H}] \cdot x\text{H}_2\text{O}$ : Characterization and crystal structure. <i>Journal of Solid State Chemistry</i> , <b>2014</b> , 213, 9-16	3.3	2
125	Two-orbital three-electron stabilizing interaction for direct $\text{Co}^{2+} - \text{As}^{3+}$ bonds involving square-planar $\text{CoO}_4$ in $\text{BaCoAs}_2\text{O}_5$ . <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 3111-4	16.4	3

124	Effect of praseodymium and europium doping in $\text{La}_{1-x}\text{Ln}_x\text{MnO}_3$ (Ln: Pr or Eu, 0 $\leq$ x $\leq$ 1) perovskite catalysts for total methane oxidation. <i>Applied Catalysis A: General</i> , <b>2014</b> , 469, 98-107	5.1	26
123	Reversible topochemical exsolution of iron in $\text{BaFe}_{2-x}\text{(PO}_4)_2$ . <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13365-70	16.4	17
122	Investigation of new alkali bismuth oxosulfates and oxophosphates with original topologies of oxo-centered units. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 12058-65	5.1	6
121	Revised Bi/M layered oxo-sulfate (M = Co, Cu): a structural and magnetic study. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 6969-78	5.1	12
120	Magnetic Structure of Ground and Field Induced Ordered States of Low-Dimensional $\text{BiCo}_2\text{O}_6$ . <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 13981-13987	3.8	12
119	$\text{Sr}_4\text{Ru}_6\text{ClO}_{18}$ , a new $\text{Ru}^{4+/5+}$ oxy-chloride, solved by precession electron diffraction: Electric and magnetic behavior. <i>Journal of Solid State Chemistry</i> , <b>2014</b> , 212, 99-106	3.3	9
118	Multidimensional open-frameworks: combinations of one-dimensional channels and two-dimensional layers in novel Bi/M oxo-chlorides. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 528-36	5.1	15
117	Labile degree of disorder in bismuth-oxophosphate compounds: illustration through three new structural types. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 861-71	5.1	11
116	Revised Bismuth Chloroselenite System: Evidence of a Noncentrosymmetric Structure with a Giant Unit Cell. <i>Crystal Growth and Design</i> , <b>2014</b> , 14, 3026-3034	3.5	20
115	Reversible Topochemical Exsolution of Iron in $\text{BaFe}_{2-x}\text{(PO}_4)_2$ . <i>Angewandte Chemie</i> , <b>2014</b> , 126, 13583-13588	3.5	3
114	Two-Orbital Three-Electron Stabilizing Interaction for Direct $\text{Co}^{2+}$ - $\text{As}^{3+}$ Bonds involving Square-Planar $\text{CoO}_4$ in $\text{BaCoAs}_2\text{O}_5$ . <i>Angewandte Chemie</i> , <b>2014</b> , 126, 3175-3178	3.6	0
113	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> , <b>2014</b> , 2, 9457-9466	7.1	11
112	Puzzling polymorphism of layered $\text{Ba}(\text{CoPO}_4)_2$ . <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8732-7	5.1	14
111	Novel bismuth oxophosphate halides $[\text{Bi}_8\text{O}_8][\text{BiO}_2](\text{PO}_4)_2\text{X}$ (X=Cl, Br) based on oxocentered 2D blocks and their relationships to the Aurivillius phases. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 199, 56-61	3.3	9
110	New $[\text{PbBi}_2\text{O}_4][\text{Bi}_2\text{O}_2]\text{Cl}_2$ and $[\text{Pb}(n)\text{Bi}(10-n)\text{O}_{13}][\text{Bi}_2\text{O}_2](n)\text{Cl}_{(4+n)}$ series by association of sizable subunits: relationship with Arppe's compound $\text{Bi}_2\text{O}_3\text{Cl}_{10}$ and luminescence properties. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 8427-35	5.1	22
109	The low/room-temperature forms of the lithiated salt of 3,6-dihydroxy-2,5-dimethoxy-p-benzoquinone: a combined experimental and dispersion-corrected density functional study. <i>CrystEngComm</i> , <b>2013</b> , 15, 2809	3.3	7
108	In situ surface treatment of nanocrystalline $\text{MFe}_2\text{O}_4$ (M = Co, Mg, Mn, Ni) spinel ferrites using linseed oil. <i>Applied Surface Science</i> , <b>2013</b> , 287, 490-498	6.7	21
107	Across the structural re-entrant transition in $\text{BaFe}_2(\text{PO}_4)_2$ : influence of the two-dimensional ferromagnetism. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 13023-9	16.4	29

106	Experimental and theoretical studies of tetramethoxy-p-benzoquinone: infrared spectra, structural and lithium insertion properties. <i>RSC Advances</i> , <b>2013</b> , 3, 19081	3.7	20
105	Combustion synthesis of $\text{LaMn}_{1-x}\text{Al}_x\text{O}_{3+\delta}$ : tuning catalytic properties for methane deep oxidation. <i>Catalysis Science and Technology</i> , <b>2013</b> , 3, 1002	5.5	26
104	Anion-centered tetrahedra in inorganic compounds. <i>Chemical Reviews</i> , <b>2013</b> , 113, 6459-535	68.1	174
103	Phase homology in new layered mixed Li, M (M=Mg, Cu, Cd, Pb, Bi) bismuth oxophosphates and oxoarsenates. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 199, 123-128	3.3	6
102	Structure and magnetic properties of $\text{Ba}_5\text{Ce}_{1.25}\text{Mn}_{3.75}\text{O}_{15}$ , a new 10H-polytype in the $\text{BaCeMnO}$ system. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 198, 186-191	3.3	5
101	$\text{Bi}_2\text{O}_3\text{-CuO-P}_2\text{O}_5$ system: Two novel compounds built from the intergrowths oxocentered polycationic 1D-ribbons. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 203, 266-272	3.3	9
100	Magnetization Steps Promoted by Structural Modulation in $\text{BaCo}_2\text{O}_7$ (X = As, P). <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 18190-18198	3.8	23
99	Mixed metallic $\text{Ba}(\text{Co},\text{Mn})\text{X}_{0.2}\text{O}_{3-\delta}$ (X=F, Cl) hexagonal perovskites. <i>Journal of Solid State Chemistry</i> , <b>2013</b> , 198, 210-217	3.3	9
98	Slow spin dynamics between ferromagnetic chains in a pure-inorganic framework. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 13742-50	5.1	18
97	Fine hierarchy of the V-O bonds by advanced solid state NMR: novel $\text{Pb}_4(\text{VO}_2)(\text{PO}_4)_3$ structure as a textbook case. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 13108-13	5.1	7
96	A Genuine Two-Dimensional Ising Ferromagnet with Magnetically Driven Re-entrant Transition. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 11915-11919	3.6	11
95	A genuine two-dimensional Ising ferromagnet with magnetically driven re-entrant transition. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 11745-9	16.4	45
94	Investigation of microstructure in ferroelectric lead-free $\text{La}_2\text{Ti}_2\text{O}_7$ thin film grown on (001)- $\text{SrTiO}_3$ substrate. <i>CrystEngComm</i> , <b>2012</b> , 14, 6524	3.3	13
93	Magnetic structure of ground and field-induced ordered states of low-dimensional $\text{CoV}_2\text{O}_6$ : Experiment and theory. <i>Physical Review B</i> , <b>2012</b> , 86,	3.3	28
92	Mixed metallic $\text{Ba}(\text{Co},\text{Fe})\text{X}_{0.2}\text{O}_{3-\delta}$ (X = F, Cl) hexagonal perovskites: drastic effect of Fe-incorporation on structural and electronic features. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 7598-608	5.1	9
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