olivier MentrÃ©

List of Publications by Year
in descending order

199	4,117	147801 31	182427 51
papers	citations	h-index	g-index

242	242	242	3912
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anion-Centered Tetrahedra in Inorganic Compounds. Chemical Reviews, 2013, 113, 6459-6535.	47.7	209
2	Ethoxycarbonyl-Based Organic Electrode for Li-Batteries. Journal of the American Chemical Society, 2010, 132, 6517-6523.	13.7	201
3	New Îµ-Bi2O3Metastable Polymorph. Inorganic Chemistry, 2006, 45, 4886-4888.	4.0	146
4	Î±-Na₃M₂(PO₄)₃ (M = Ti, Fe): Absolute Cationic Ordering in NASICON-Type Phases. Journal of the American Chemical Society, 2011, 133, 11900-11903.	13.7	144
5	A NASICONâ€Type Positive Electrode for Na Batteries with High Energy Density: Na₄MnV(PO₄)₃. Small Methods, 2019, 3, 1800218.	8.6	121
6	Discovery of a Sodium-Ordered Form of Na₃V₂(PO₄)₃ below Ambient Temperature. Chemistry of Materials, 2015, 27, 5982-5987.	6.7	110
7	Ca₃Co₄O_{9â^Î´}: A Thermoelectric Material for SOFC Cathode. Chemistry of Materials, 2009, 21, 4738-4745.	6.7	80
8	Preparation and Characterization of 6-Molybdocobaltate and 6-Molybdoaluminate Cobalt Salts. Evidence of a New Heteropolymolybdate Structure. Inorganic Chemistry, 2004, 43, 4636-4644.	4.0	76
9	Highâ€Potential Reversible Li Deintercalation in a Substituted Tetrahydroxyâ€pâ€benzoquinone Dilithium Salt: An Experimental and Theoretical Study. Chemistry - A European Journal, 2012, 18, 8800-8812.	3.3	68
10	A Genuine Twoâ€Dimensional Ising Ferromagnet with Magnetically Driven Reâ€entrant Transition. Angewandte Chemie - International Edition, 2012, 51, 11745-11749.	13.8	53
11	Ca3Co4O9+Î´, a growing potential SOFC cathode material: Impact of the layer composition and thickness on the electrochemical properties. Solid State Ionics, 2016, 294, 21-30.	2.7	53
12	Evidence and Characterization of a New Decamolybdocobaltate Cobalt Salt:Â An Efficient Precursor for Hydrotreatment Catalyst Preparation. Chemistry of Materials, 2005, 17, 4438-4448.	6.7	51
13	[Bi6O4.5(OH)3.5]2(NO3)11: a new anhydrous bismuth basic nitrate. Synthesis and structure determination from twinned crystals. Journal of Solid State Chemistry, 2003, 176, 127-136.	2.9	50
14	Crystal Structure of BiZn2PO6. Filiation between Related Compounds. Journal of Solid State Chemistry, 2000, 153, 48-54.	2.9	48
15	Structural Features of the Modulated BiCu2(P1-xVx)O6Solid Solution; 4-D Treatment ofx= 0.87 Compound and Magnetic Spin-Gap to Gapless Transition in New Cu2+Two-Leg Ladder Systems. Journal of the American Chemical Society, 2006, 128, 10857-10867.	13.7	48
16	Crystal Structure Approach of the Disordered New Compounds Biâ^¼1.2Mâ^¼1.2PO5.5 (M=Mn, Co, Zn): The Role of Oxygen-Centered Tetrahedra Linkage in the Structure of Bismuthâ€“Transition Metal Oxy-phosphates. Journal of Solid State Chemistry, 2002, 167, 168-181.	2.9	47
17	Polycationic disorder in [Bi6O4(OH)4](NO3)6: Structure determination using synchrotron radiation and microcrystal X-ray diffraction. Journal of Solid State Chemistry, 2006, 179, 3087-3094.	2.9	42
18	Structural and dielectric/ferroelectric properties of (La1â^xNdx)2Ti2O7 synthesized by solâ€“gel route. Journal of Solid State Chemistry, 2010, 183, 1652-1662.	2.9	42

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19	[Bi₂O₂]²⁺ Layers in Bi₂O₂(OH)(NO₃): Synthesis And Structure Determination. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2005, 60, 322-327.	0.7	41
20	Synthesis and Crystal Structure of Bi6.67(PO4)4O4Oxyphosphate: The Bi6M2+(PO4)4O4and Bi6.5A+0.5(PO4)4O4Series. Journal of Solid State Chemistry, 1998, 139, 274-280.	2.9	40
21	Evidence of the Current Collector Effect: Study of the SOFC Cathode Material Ca₃Co₄O_{9+Î´}. Fuel Cells, 2012, 12, 288-301.	2.4	38
22	Across the Structural Re-Entrant Transition in BaFe₂(PO₄)₂: Influence of the Two-Dimensional Ferromagnetism. Journal of the American Chemical Society, 2013, 135, 13023-13029.	13.7	38
23	Ba2Co9O14:Â New Inorganic Building Blocks with Magnetic Ordering through Super-Super Exchanges Only. Chemistry of Materials, 2007, 19, 2180-2188.	6.7	37
24	ABiO₂X (A = Cd, Ca, Sr, Ba, Pb; X = halogen) Sillen X1 Series: Polymorphism Versus Optical Properties. Inorganic Chemistry, 2016, 55, 7582-7592.	4.0	37
25	Incommensurate spin correlation driven by frustration inBiCu2PO6. Physical Review B, 2009, 80, .	3.2	36
26	Magnetic structure of ground and field-induced ordered states of low-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î±</mml:mi></mml:math>-CoV<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	3.2	36
27	Bi3+/M2+Oxyphosphate: A Continuous Series of Polycationic Species from the 1D Single Chain to the 2D Planes. Part 2:Â Crystal Structure of Three Original Structural Types Showing a Combination of New Ribbonlike Polycations. Inorganic Chemistry, 2006, 45, 6612-6621.	4.0	34
28	Local Perturbation in Bi2CuO4: Hydrothermal Synthesis, Crystal Structure, and Characterization of the New Bi2(Cu1-2xMx)O4 (M = Bi, Pb). Chemistry of Materials, 2001, 13, 543-551.	6.7	33
29	Unprecedented Robust Antiferromagnetism in Fluorinated Hexagonal Perovskites. Journal of the American Chemical Society, 2011, 133, 10901-10909.	13.7	33
30	Optimisation of the Solid Oxide Fuel Cell (SOFC) cathode material Ca3Co4O9â^'Î´. Journal of Power Sources, 2011, 196, 7328-7332.	7.8	33
31	Effect of praseodymium and europium doping in La1â^'Ln MnO3+ (Ln: Pr or Eu, 0 â‰¤xâ‰¤ 1) perovskite catalysts for total methane oxidation. Applied Catalysis A: General, 2014, 469, 98-107.	4.3	33
32	Synthesis, crystal structure and characterization of new 12H hexagonal perovskite-related oxides Ba6M2Na2X2O17 (M=Ru, Nb, Ta, Sb; X=V, Cr, Mn, P, As). Journal of Solid State Chemistry, 2003, 176, 137-150.	2.9	32
33	Emulating exhalative chemistry: synthesis and structural characterization of ilinskite, Na[Cu5O2](SeO3)2Cl3, and its K-analogue. Mineralogy and Petrology, 2015, 109, 421-430.	1.1	32
34	Structural, Infrared, and Magnetic Characterization of the Solid Solution Series Sr2â^'xPbx(VO)(VO4)2; Evidence of the Pb2+6s2Lone Pair Stereochemical Effect. Journal of Solid State Chemistry, 1998, 140, 417-427.	2.9	31
35	Channel structure in the new BiCoPO5. Comparison with BiNiPO5. Crystal structure, lone pair localisation and infrared characterisation. Solid State Sciences, 1999, 1, 449-460.	3.2	31
36	Crystal Structure of Pb2V3O9:Â Rietveld Refinement and Electron Lone-Pair Localization. The Magnetic Susceptibility of Sr2+-Substituted Phases. Chemistry of Materials, 1999, 11, 2408-2416.	6.7	31

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37	Characterization of the new Biâˆ¼6.2Cuâˆ¼6.2O8(PO4)5 oxyphosphate; a disordered compound containing 2- and 3-O(Bi, Cu)4 tetrahedraâ€"wide polycationic ribbons. Journal of Solid State Chemistry, 2003, 172, 327-338.	2.9	31
38	Combustion synthesis of LaMn1âˆ'xAlxO3+Î´ (0 â‰¤ x â‰¤ 1): tuning catalytic properties for methane deep oxidation. Catalysis Science and Technology, 2013, 3, 1002.	4.1	31
39	Bi1.7V8O16: The First Bi-Hollandite-Type Compound. Journal of Solid State Chemistry, 1994, 109, 127-133.	2.9	29
40	Double (n=2) and triple (n=3) [M4Bi2nâˆ'2O2n]x+ polycationic ribbons in the new Biâˆ¼3Cdâˆ¼3.72Mâˆ¼1.28O5(PO4)3 oxyphosphate (M=Co, Cu, Zn). Journal of Solid State Chemistry, 2003, 176, 221-233.	2.9	29
41	HREM:â€‰a Useful Tool to Formulate New Members of the Wide Bi3+/M2+ Oxide Phosphate Series. Chemistry of Materials, 2004, 16, 2628-2638.	6.7	29
42	Reduction of Ln₂Ti₂O₇ Layered Perovskites: A Survey of the Anionic Lattice, Electronic Features, and Potentials. Chemistry of Materials, 2017, 29, 1047-1057.	6.7	29
43	Crystal Structure and Characterization of Ba2V3O9: A Vanadyl(IV) Vanadate Containing Rutile-like Chains of VO6Octahedra. Journal of Solid State Chemistry, 1996, 126, 328-335.	2.9	28
44	Bi3+/M2+Oxyphosphate: A Continuous Series of Polycationic Species from the 1D Single Chain to the 2D Planes. Part 1:Â From HREM Images to Crystal-Structure Deduction. Inorganic Chemistry, 2006, 45, 6604-6611.	4.0	28
45	New Mixed Valence Compounds in the Pbâ€"Vâ€"O System: Synthesis and Crystal Structure of Hollandite-Related Pb1.32V8.35O16.7andR-Type Hexagonal Ferrite PbV6O11. Journal of Solid State Chemistry, 1996, 125, 91-101.	2.9	27
46	An easy solâ€"gel route for deposition of oriented Ln2Ti2O7 (Ln=La, Nd) films on SrTiO3 substrates. Journal of Crystal Growth, 2009, 311, 4134-4141.	1.5	27
47	Novel Tailormade Bi₄MO₄(PO₄)₂ Structural Type (M) Tj ETQq1 1 0.784314 rgBT	4.0	27
48	New [PbBi₂O₄][Bi₂O₂]Cl₂ and [Pb_nBi_{10-n}O₁₃][Bi₂O₂]_nCl_{4+n} Series by Association of Sizable Subunits: Relationship with Arppeâ€™s Compound Bi₂₄O₃₁Cl₁₀ and Luminescence Properties. Inorganic Chemistry, 2013, 52, 8427-8435.	4.0	27
49	BaCoO_{2.22}: the most oxygen-deficient certified cubic perovskite. Dalton Transactions, 2015, 44, 10728-10737.	3.3	27
50	New BaCoO3-Î´Polytypes by Rational Substitution of O2-for F-. Chemistry of Materials, 2007, 19, 2924-2926.	6.7	25
51	In situ surface treatment of nanocrystalline MFe2O4 (M=Co, Mg, Mn, Ni) spinel ferrites using linseed oil. Applied Surface Science, 2013, 287, 490-498.	6.1	25
52	Oxocentered Cu(<scp>ii</scp>) lead selenite honeycomb lattices hosting Cu(<scp>i</scp>)Cl₂groups obtained by chemical vapor transport reactions. Chemical Communications, 2015, 51, 9563-9566.	4.1	24
53	Magnetization Steps Promoted by Structural Modulation in BaCoX2O7 (X = As, P). Journal of Physical Chemistry C, 2013, 117, 18190-18198.	3.1	23
54	Structural study and conductivity properties of Ca1âˆ'Na2Ti4(PO4)6 solid solution. Solid State Ionics, 1994, 72, 293-299.	2.7	22

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55	From the mixed valent 6H-Ba3Ru5.5+2NaO9 to the 6H-Ba3(Ru1.69C0.31)(Na0.95Ru0.05)O8.69 oxycarbonate compound. Solid State Sciences, 2003, 5, 951-963.	3.2	22
56	Spin-Flop Transition and Magnetocaloric Effect through Disconnected Magnetic Blocks in Co^{III}/Co^{IV} Oxybromides. Chemistry of Materials, 2010, 22, 3807-3816.	6.7	22
57	Microstructure and Nanoscale Piezoelectric/Ferroelectric Properties in La₂Ti₂O₇ Thin Films Grown on (110)â€Oriented Doped Nb:SrTiO₃ Substrates. Advanced Engineering Materials, 2011, 13, 961-969.	3.5	22
58	Reversible Topochemical Exsolution of Iron in BaFe²⁺₂(PO₄)₂. Angewandte Chemie - International Edition, 2014, 53, 13365-13370.	13.8	22
59	Revised Bismuth Chloroselenite System: Evidence of a Noncentrosymmmetric Structure with a Giant Unit Cell. Crystal Growth and Design, 2014, 14, 3026-3034.	3.0	22
60	Experimental and theoretical studies of tetramethoxy-p-benzoquinone: infrared spectra, structural and lithium insertion properties. RSC Advances, 2013, 3, 19081.	3.6	21
61	Slow Spin Dynamics between Ferromagnetic Chains in a Pure-Inorganic Framework. Inorganic Chemistry, 2013, 52, 13742-13750.	4.0	21
62	Anion-Vacancy-Induced Magnetoâ^'Crystalline Anisotropy in Fluorine-Doped Hexagonal Cobaltites. Journal of the American Chemical Society, 2010, 132, 4865-4875.	13.7	20
63	Molecular approach to prepare mixed MoW alumina supported hydrotreatment catalysts using H₄SiMo_nW_{12â^'n}O₄₀heteropolyacids. Catalysis Science and Technology, 2018, 8, 5557-5572.	4.1	20
64	Synthesis and Structural Characterization of a New Nanoporous-like Keggin Heteropolyanion Salt:â€‰ K₃(H₂O)₄[H₂SiVW₁₁O₄₀](H₂O)₈<s Inorganic Chemistry, 2007, 46, 7371-7377.	4.6	19
65	Structure, dimensionality and magnetism of new cobalt oxyhalides. Solid State Sciences, 2008, 10, 471-475.	3.2	19
66	Building Units and Intergrowths: Toward the Design of an Extended Family of Acentric Bi-Based Materials with Second Harmonic Generacy. Chemistry of Materials, 2009, 21, 4019-4029.	6.7	19
67	Crystal structures of new silver ion conductors Ag7Fe3(X2O7)4 (X = P, As). New Journal of Chemistry, 2009, 33, 998.	2.8	19
68	Potentiality of Ba2Co9O14 as cathode material for IT-SOFC on various electrolytes. Solid State Ionics, 2011, 184, 31-34.	2.7	19
69	CO pressure as a key factor for the palladium-catalyzed methoxycarbonylation of benzyl chloride under mild conditions. Applied Catalysis A: General, 2001, 217, 91-99.	4.3	18
70	Inorganic Polar Blocks into Controlled Acentric Assemblies. Inorganic Chemistry, 2012, 51, 9557-9562.	4.0	18
71	Bonding Scheme, Hydride Character, and Magnetic Paths of (HPO₃)^{2â€“} Versus (SeO₃)^{2â€“} Building Units in Solids. Journal of Physical Chemistry C, 2016, 120, 1650-1656.	3.1	18
72	Ru-Pyrochlores: Compositional Tuning for Electrochemical Stability as Cathode Materials for IT-SOFCs. Chemistry of Materials, 2008, 20, 7425-7433.	6.7	17

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73	Twoâ€Dimensional Antiferromagnetism in the [Mn_{3+x}O₇][Bi₄O_{4.5â^’y}] Compound with a Mapleâ€Leaf Lattice. Angewandte Chemie - International Edition, 2012, 51, 9393-9397.	13.8	17
74	Puzzling Polymorphism of Layered Ba(CoPO₄)₂. Inorganic Chemistry, 2013, 52, 8732-8737.	4.0	17
75	Structural Evolution from 0D Units to 3D Frameworks in Pb Oxyhalides: Unexpected Strongly Corrugated Layers in Pb7O6Br2. Inorganic Chemistry, 2015, 54, 11550-11556.	4.0	17
76	Dimers of oxocentred [OCu₄]⁶⁺ tetrahedra in two novel copper selenite chlorides, K[Cu₃O](SeO₃)₂Cl and Na₂[Cu₇O₂] (SeO₃)₄Cl₄, and related minerals and inorganic compounds. Mineralogical Magazine, 2016, 80, 227-238.	1.4	17
77	Mineral-Inspired Crystal Growth and Physical Properties of Na₂Cu(SO₄)₂ and Review of Na₂M(SO₄)₂(H₂O)_x (x = 0â€“6) Compounds. Crystal Growth and Design, 2019, 19, 1233-1244.	3.0	17
78	Magnetic frustration in the high-pressure Mn2MnTeO6 (Mn3TeO6-II) double perovskite. Chemical Communications, 2019, 55, 14470-14473.	4.1	16
79	Crystal structure of the mixed Mn4+/Mn5+ 2H-perovskite-type Ba4Mn2NaO9 oxide. Solid State Sciences, 2004, 6, 931-938.	3.2	15
80	[BaCoO₃]_n[BaCo₈O₁₁] Modular Intergrowths: Singularity of the n = 2 Term. Chemistry of Materials, 2011, 23, 5191-5199.	6.7	15
81	Revised Bi/M Layered Oxo-Sulfate (M = Co, Cu): A Structural and Magnetic Study. Inorganic Chemistry, 2014, 53, 6969-6978.	4.0	15
82	Multidimensional Open-Frameworks: Combinations of One-Dimensional Channels and Two-Dimensional Layers in Novel Bi/M Oxo-Chlorides. Inorganic Chemistry, 2014, 53, 528-536.	4.0	15
83	Labile Degree of Disorder in Bismuth-Oxophosphate Compounds: Illustration through Three New Structural Types. Inorganic Chemistry, 2014, 53, 861-871.	4.0	15
84	pH Controlled Pathway and Systematic Hydrothermal Phase Diagram for Elaboration of Synthetic Lead Nickel Selenites. Inorganic Chemistry, 2015, 54, 2425-2434.	4.0	15
85	Lead Oxychloride Borates Obtained under Extreme Conditions. Inorganic Chemistry, 2016, 55, 9077-9084.	4.0	15
86	Potassium-controlled synthesis of heterotopic macrocycles based on isothiosemicarbazide. Inorganica Chimica Acta, 2002, 328, 123-133.	2.4	14
87	Biâ^¼3.785Cdâ^¼3.575Cuâ^¼1.5(PO4)3.5O5.5, a new arrangement of double () and triple () [M4Bi2nâ^’2O2n]x+ polycationic ribbons in the bismuth-transition metal oxy-phosphate series. Journal of Solid State Chemistry, 2004, 177, 4149-4162.	2.9	14
88	3D-magnetic ordering of Co4+ dimers in a new Co3+,4+ oxychloride: Neutron diffraction analysis and DFT calculations. Chemical Physics Letters, 2006, 432, 88-93.	2.6	14
89	Crystal structure of ErAlGeO5 and evidence of a peculiar double coordination sphere of Al(III) and Ge(IV) cations. Solid State Sciences, 2006, 8, 155-161.	3.2	14
90	Magnetic structure and analysis of the exchange interactions in BiMO(PO₄) (M = Co, Ni). Journal of Physics Condensed Matter, 2008, 20, 415211.	1.8	14

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91	Synthesis, crystal structure and thermal decomposition of Cu(II), Co(II), Mn(II) complexes with hetero-ligands containing cysteic acid, 4,4â€™-dimethyl-2,2â€™-bipyridine and azide. Comptes Rendus Chimie, 2011, 14, 462-470.	0.5	14
92	Exploration of Vanadate Selenites Solid Phase Space, Crystal Structures, and Polymorphism. Crystal Growth and Design, 2016, 16, 3113-3123.	3.0	14
93	Pathways for synthesis of new selenium-containing oxo-compounds: Chemical vapor transport reactions, hydrothermal techniques and evaporation method. Journal of Crystal Growth, 2017, 457, 307-313.	1.5	14
94	Structural and magnetic transitions inPbV6O11. Physical Review B, 2001, 64, .	3.2	13
95	Electrosynthesis and crystal structure of the new 15R hexagonal perovskite Ba5MnNa2V2O13. Journal of Solid State Chemistry, 2004, 177, 1416-1424.	2.9	13
96	Overview of Electrons and Orbitals in a Nearly One-Dimensional Co³⁺/Co⁴⁺ System. Chemistry of Materials, 2008, 20, 1741-1749.	6.7	13
97	Optimization of the combustion synthesis towards efficient LaMnO3+y catalysts in methane oxidation. Applied Catalysis B: Environmental, 2011, , .	20.2	13
98	Investigation of microstructure in ferroelectric lead-free La2Ti2O7 thin film grown on (001)-SrTiO3 substrate. CrystEngComm, 2012, 14, 6524.	2.6	13
99	[NaCl][Cu(HSeO₃)₂], NaCl-intercalated Cu(HSeO₃)₂: synthesis, crystal structure and comparison with related compounds. Zeitschrift Fur Kristallographie - Crystalline Materials, 2015, 230, 573-577.	0.8	13
100	Copper(II) coordination chain complex with the 2,5-bis(2-pyridyl)-1,3,4-thiadiazole ligand and an asymmetric Î¼2-1,1-azido double-bridged: Synthesis, crystal structure and magnetic properties. Journal of Molecular Structure, 2016, 1123, 400-406.	3.6	13
101	Effect of Iron Substitution on the Structural, Electric, and Magnetic Properties inR-Type PbFexV6â^'xO11, a Frustrated System. Journal of Solid State Chemistry, 1997, 130, 223-233.	2.9	12
102	(Nb2W4O19), TMA2, Na4(OH2)14(SO4): a new layered structure with Lindqvist heteropolyanions, XAS characterization of the HPAs. Solid State Sciences, 2005, 7, 1533-1541.	3.2	12
103	Investigation of the Vanadyl Bond Ordering and Analysis of the Spin Exchange Interactions in Pb2V3O9 and Pb2As2VO9. Chemistry of Materials, 2008, 20, 6929-6938.	6.7	12
104	Triple Co^{II, III, IV} charge ordering and spin states in modular cobaltites: a systematization through experimental and virtual compounds. Journal of Materials Chemistry C, 2014, 2, 9457-9466.	5.5	12
105	Magnetic Structure of Ground and Field Induced Ordered States of Low-Dimensional Î³-CoV₂O₆. Journal of Physical Chemistry C, 2014, 118, 13981-13987.	3.1	12
106	The effect of the Mo/W ratio on the catalytic properties of alumina supported hydrotreating catalysts prepared from mixed SiMo6W6 and SiMo9W3 heteropolyacids. Catalysis Today, 2021, 377, 100-113.	4.4	12
107	Synthesis, Crystal Structure, Infrared Characterization, and Electrical Properties of the New Bi9(V1â^'xPx)2ClO18Series (0â‰¤xâ‰¤1). Journal of Solid State Chemistry, 1998, 136, 34-45.	2.9	11
108	BiMn6PO12, A New Bismuth Manganese II/III Oxyphosphate with an Original Manganeseâ€“Oxygen Cubic Network. Journal of Solid State Chemistry, 2001, 157, 123-133.	2.9	11

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110	Electrosynthesis, structural transitions and characterization of the new 10H-Ba5Ru3Na2O14. Solid State Sciences, 2003, 5, 1105-1116.	3.2	11
111	Polymorphism and anionic vacancies in the Bi6(M,Bi)1P2(O,F)16â^'x Aurivillius derivatives. Solid State Sciences, 2008, 10, 533-543.	3.2	11
112	Ba8Co2Mn6ClO22, a quasi-1D hexagonal perovskite polytype containing new 8H-blocks. Chemical Communications, 2010, 46, 5271.	4.1	11
113	Influence of the synthesis route on the formation of 12R/10H-polytypes and their magnetic properties within the Ba(Ce,Mn)O₃ family. New Journal of Chemistry, 2015, 39, 829-835.	2.8	11
114	Nanometric nickel exsolution in the hexagonal perovskite Ba8Ta6NiO24: Survey of the structural, magnetic and catalytic features. Journal of Alloys and Compounds, 2018, 766, 987-993.	5.5	11
115	Magnetic hexamers interacting in layers in the (Na,K)2Cu3O(SO4)3 minerals. Physical Review B, 2020, 102, .	3.2	11
116	Site Preference of Fe and V in PbFexV6â^'xO11 by Neutron Diffraction and MÃ¶ssbauer Spectroscopy: Low Temperature Investigation for x=1.75. Journal of Solid State Chemistry, 1999, 147, 609-617.	2.9	10
117	Structural characterisation of [Cu2(bptd) (H2O) Cl4] and [Ni2(bptd)2(H2O)4] Cl4Â·3H2O; evidence of null intramolecular exchanges by EPR and magnetic measurements. Journal of Physics and Chemistry of Solids, 2004, 65, 701-705.	4.0	10
118	Evidence of crystalline/glassy intermediates in bismuth phosphates. New Journal of Chemistry, 2009, 33, 19-22.	2.8	10
119	Novel bismuth oxophosphate halides [Bi8O8][BiO2](PO4)2X (X=Cl, Br) based on oxocentered 2D blocks and their relationships to the Aurivillius phases. Journal of Solid State Chemistry, 2013, 199, 56-61.	2.9	10
120	Structure and magnetic properties of Ba5Ce1.25Mn3.75O15, a new 10H-polytype in the Baâ€“Ceâ€“Mnâ€“O system. Journal of Solid State Chemistry, 2013, 198, 186-191.	2.9	10
121	Bi2O3â€“CuOâ€“P2O5 system: Two novel compounds built from the intergrowths oxocentered polycationic 1D-ribbons. Journal of Solid State Chemistry, 2013, 203, 266-272.	2.9	10
122	Sr4Ru6ClO18, a new Ru4+/5+ oxy-chloride, solved by precession electron diffraction: Electric and magnetic behavior. Journal of Solid State Chemistry, 2014, 212, 99-106.	2.9	10
123	Selective Metal Exsolution in BaFe2â€“yMy(PO4)2 (M = Co2+, Ni2+) Solid Solutions. Inorganic Chemistry, 2015, 54, 8733-8743.	4.0	10
124	Niobiumâ€“Containing Lindqvist Isopolyanions [Nb_xW_{6â€“x}O₁₉]^{(2+x)â€–} Used as Precursors for Hydrodesulfurization Catalysts with Isomerization Properties. European Journal of Inorganic Chemistry, 2015, 2015, 2067-2075.	2.0	10
125	Reversible Exsolution of Nanometric Fe2O3 Particles in BaFe2â€“x(PO4)2 (0 â‰¤ x â‰¤ 2/3): The Logic of Vacancy Ordering in Novel Metal-Depleted Two-Dimensional Lattices. Crystal Growth and Design, 2015, 15, 4237-4247.	3.0	10
126	Bismuth and vanadate activators in BiMVO5 (M=Ca, Mg, Cd) phases: Structural, electronic and optical specificities. Journal of Alloys and Compounds, 2017, 709, 373-380.	5.5	10

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127	Metamagnetic Transitions versus Magnetocrystalline Anisotropy in Two Cobalt Arsenates with 1D Co²⁺ Chains. Inorganic Chemistry, 2019, 58, 12609-12617.	4.0	10
128	Oxysulfide Ba5(VO2S2)2(S2)2 Combining Disulfide Channels and Mixed-Anion Tetrahedra and Its Third-Harmonic-Generation Properties. Inorganic Chemistry, 2020, 59, 5907-5917.	4.0	10
129	S = 1/2 Chain in BiVO₃F: Spin Dimers versus Photoanodic Properties. Journal of the American Chemical Society, 2021, 143, 6942-6951.	13.7	10
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