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	Fragile magnetic ordering between robust 2D-ferrimagnets in the AFe3(SeO3)2F6 (A = K, Rb, Cs) series. Journal of Materials Chemistry C, 2022, 10, 2139-2148.	5.5	2
2	Giant coercivity and spin clusters in high pressure polymorphs of Mn₂LiReO₆.. Journal of Materials Chemistry C, 2022, 10, 4336-4341.	5.5	9
3	Compressibility of structural modulation waves in the chain compounds BaCoX ₂O₇ (X = As, P): a powder study. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 162-171.	1.1	0
4	Morphotropism in fumarolic mineral-related anhydrous sulfates: novel representatives in A ⁺ ₂ M ²⁺(SO₄)₂ and A ⁺ ₂ M ²⁺ ₂(SO₄)₃ series. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2022, 78, 153-161.	1.1	1
5	Multiple dimensionalities in A₂M₃(SO₄)₄ (A = Rb, Cs; M) Tj ET Q q 1 1 0.78 84314 re B*		
6	Abrupt Negative Thermal Expansion and Magnetic Structure of V₃O₅. Chemistry of Materials, 2022, 34, 5294-5300.	6.7	2
7	All-Magnetic Slabs and Multiferroism in (Bi_{2â€“x}O₂)(MF₄) Aurivillius Oxyfluorides (M = Fe and Ni). Chemistry of Materials, 2022, 34, 5706-5716.	6.7	1
8	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
9	Multiferroic BaCoX 2 O 7 (X = P, As) Compounds with Incommensurate Structural Waves but Collinear Spin Ingredients. Advanced Quantum Technologies, 2021, 4, 2000064.	3.9	2
10	A fumarole in a one-pot: synthesis, crystal structure and properties of Zn- and Mg-analogs of itelmenite and a synthetic analog of glikinite. Physics and Chemistry of Minerals, 2021, 48, 1.	0.8	5
11	Hybrid electrons in the trimerized GaV₄O₈. Materials Horizons, 2021, 8, 2325-2329.	12.2	3
12	Mn₃MnNb₂O₉: high-pressure triple perovskite with 1â€‰:â€‰2 B-site order and modulated spins. Chemical Communications, 2021, 57, 8441-8444.	4.1	7
13	Complex magnetism in Ni₃TeO₆-type Co₃TeO₆ and high-pressure polymorphs of Mn_{3â€“x}Co_xTeO₆ solid solutions. Chemical Communications, 2021, 57, 2511-2514.	4.1	7
14	S = 1/2 Chain in BiVO₃F: Spin Dimers versus Photoanodic Properties. Journal of the American Chemical Society, 2021, 143, 6942-6951.	13.7	10
15	Cycloidal Magnetic Order Promoted by Labile Mixed Anionic Paths in M2(SeO3)F2 (M = Mn2+, Ni2+). Inorganic Chemistry, 2021, 60, 12001-12008.	4.0	1
16	Anhydrous alkali copper sulfates â€“ a promising playground for new Cu²⁺ oxide complexes: new Rb-analogues of fumarolic minerals.. Mineralogical Magazine, 2021, 85, 831-845.	1.4	4
17	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. Polyhedron, 2021, 209, 115494.	2.2	5
18	Open-framework transition metal fluorophosphates with one-dimensional antiferromagnetic chains. Journal of Solid State Chemistry, 2021, 304, 122526.	2.9	3

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19	Direct Bi3+â€“Bi3+ contacts mediated by lone pairs in the HP-BiNiO(PO4) polymorph. CrystEngComm, 2021, 23, 5124-5130.	2.6	1
20	Spin structures and band gap reduction of high-pressure triple perovskite Mn₃MnTa₂O₉. Journal of Materials Chemistry C, 2021, 9, 14916-14920.	5.5	2
21	From (S = 1) Spin Hexamer to Spin Tetradecamer by CuO Interstitials in A₂Cu₃O(CuO)_x(SO₄)₃ (A = alkali). Inorganic Chemistry, 2021, 60, 18185-18191.	4.0	5
22	Polymorphs, phase transitions and stability in BaM₂(PO₄)₂ M = Mn, Fe, Co systems. Inorganic Chemistry Frontiers, 2020, 7, 239-246.	6.0	3
23	Original Oxo-Centered Frameworks in Bi₃(VO₄)O₃ and Bi_{3.5}(AsO₄)(OH)_{0.5}O_{3.5} by Supercritical Steam. Inorganic Chemistry, 2020, 59, 9486-9490.	4.0	2
24	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. Polyhedron, 2020, 189, 114722.	2.2	7
25	Magnetic Structures of Mn₁₁Ta₄O₂₁ and Interpretation as an Hexagonal A-site Manganite. Inorganic Chemistry, 2020, 59, 13128-13135.	4.0	1
26	Synthesis, structure and magnetic behavior of iron arsenites with hierarchical magnetic units. Inorganic Chemistry Frontiers, 2020, 7, 3987-3999.	6.0	6
27	Magnetic hexamers interacting in layers in the (Na,K)2Cu3O(SO4)3 minerals. Physical Review B, 2020, 102, .	3.2	11
28	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
29	Metamagnetic Transitions versus Magnetocrystalline Anisotropy in Two Cobalt Arsenates with 1D Co²⁺ Chains. Inorganic Chemistry, 2019, 58, 12609-12617.	4.0	10
30	Identification and optical features of the Pb4Ln2O7 series (Ln = La, Gd, Sm, Nd); genuine 2D-van der Waals oxides. Chemical Communications, 2019, 55, 2944-2947.	4.1	1
31	The hidden story in BaNiO3 to BaNiO2 transformation: adaptive structural series and NiO exsolution. Chemical Communications, 2019, 55, 3717-3720.	4.1	6
32	Magnetic frustration in the high-pressure Mn2MnTeO6 (Mn3TeO6-II) double perovskite. Chemical Communications, 2019, 55, 14470-14473.	4.1	16
33	A NASICONâ€Type Positive Electrode for Na Batteries with High Energy Density: Na₄MnV(PO₄)₃. Small Methods, 2019, 3, 1800218.	8.6	121
34	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
35	The Ba₁₀S(VO₃S)₆ Oxysulfide: One-Dimensional Structure and Mixed Anion Chemical Bonding. Inorganic Chemistry, 2019, 58, 1349-1357.	4.0	7
36	Synthesis and structural variety of first Mn and Bi selenites and selenite chlorides. Zeitschrift Fur Kristallographie - Crystalline Materials, 2019, 234, 141-153.	0.8	5

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37	Undulated oxo-centered layers in PbLn3O4(VO4) (Ln= La and Nd) and relationship with Nd4O4(GeO4). Journal of Solid State Chemistry, 2018, 260, 101-105.	2.9	1
38	Mixed-Valence Iron Dumortierite Fe_{13.5}^{2.22+}(As⁵⁺O_{4â€“x})₈(OH)₆ and Its Intricate Topotactic Exsolution at Mild Temperatures. Inorganic Chemistry, 2018, 57, 15093-15104.	4.0	5
39	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
40	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
41	Compressibility of BiCu₂PO₆: Polymorphism against S = ¹/₂ Magnetic Spin Ladders. Inorganic Chemistry, 2018, 57, 6038-6044.	4.0	7
42	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
43	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
44	Synthesis and crystal structure of Î²-CuSe2O5, a new polymorph of copper diselenite. Mendeleev Communications, 2017, 27, 61-63.	1.6	4
45	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
46	Original positively charged nanoflakes by liquid exfoliation of layered oxybromide cobaltites. CrystEngComm, 2017, 19, 304-312.	2.6	1
47	Original oxo-centered bismuth oxo-arsenates; critical effect of PO₄for AsO₄substitution. CrystEngComm, 2017, 19, 936-945.	2.6	6
48	Comprehensive Study of Oxygen Storage in YbFe₂O_{4+x} (x â‰ 0.5): Unprecedented Coexistence of FeO_n Polyhedra in One Single Phase. Journal of the American Chemical Society, 2017, 139, 17031-17043.	13.7	9
49	Bonding Scheme and Optical Properties in BiM₂O₂(PO₄) (M=Cd,) Tj ETQq1 1 0.784314 rgBT	3.3	8
50	The first lead cobalt phosphite, PbCo₂(HPO₃)₃. Dalton Transactions, 2017, 46, 12655-12662.	3.3	6
51	A comprehensive study of magnetic exchanges in the layered oxychalcogenides Sr3Fe2O5Cu2Q2 (Q= S,) Tj ETQq1 1 0.784314 rgBT	2.3	4
52	Topochemical Reduction of YMnO₃ into a Composite Structure. Inorganic Chemistry, 2017, 56, 8547-8553.	4.0	9
53	Dimers of oxocentred [OCu₄]⁶⁺ tetrahedra in two novel copper selenite chlorides, K[Cu₃O](SeO₃)₂Cl and Na₂[Cu₇O₂] (SeO₃)₄Cl₄, and Common Building Motifs in [illegible] compounds. Mineralogical Magazine, 2016, 80, 227-238.	1.4	17
54	Ba₂Fe₃(PO₄)₄Â·2H₂O, BaFe₃(PO₄)_{3,} and Na₃Fe₃(PO₄)₄: Labile Fe²⁺/Fe³⁺ Ordering and Charge-Dependent Magnetism. Inorganic Chemistry, 2016, 55, 4354-4361.	4.0	7

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55	Lead Oxychloride Borates Obtained under Extreme Conditions. Inorganic Chemistry, 2016, 55, 9077-9084.	4.0	15
56	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
57	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
58	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
59	Exploration of Vanadate Selenites Solid Phase Space, Crystal Structures, and Polymorphism. Crystal Growth and Design, 2016, 16, 3113-3123.	3.0	14
60	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
61	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
62	Selective Metal Exsolution in BaFe2â€“yMy(PO4)2 (M = Co2+, Ni2+) Solid Solutions. Inorganic Chemistry, 2015, 54, 8733-8743.	4.0	10
63	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
64	pH Controlled Pathway and Systematic Hydrothermal Phase Diagram for Elaboration of Synthetic Lead Nickel Selenites. Inorganic Chemistry, 2015, 54, 2425-2434.	4.0	15
65	BaCoO_{2.22}: the most oxygen-deficient certified cubic perovskite. Dalton Transactions, 2015, 44, 10728-10737.	3.3	27
66	[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
67	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
68	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
69	Synthesis, crystal structure, high-temperature behavior and magnetic properties of CoBiO(AsO4), a Co analogue of paganoite. Physics and Chemistry of Minerals, 2015, 42, 663-670.	0.8	8
70	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
71	Discovery of a Sodium-Ordered Form of Na₃V₂(PO₄)₃ below Ambient Temperature. Chemistry of Materials, 2015, 27, 5982-5987.	6.7	110
72	Novel La₃Fe(MoO₄)₆ phase: magnetic properties and ethanol reactivity. Dalton Transactions, 2015, 44, 14444-14452.	3.3	3

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73	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
74	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
75	Keggin (K5, H3O)[SiV3W9O40H]Â·xH2O: Characterization and crystal structure. Journal of Solid State Chemistry, 2014, 213, 9-16.	2.9	3
76	Twoâ€Orbital Threeâ€Electron Stabilizing Interaction for Direct Co²⁺ï£¿As³⁺ Bonds involving Squareâ€Planar CoO₄ in BaCoAs₂O₅. Angewandte Chemie - International Edition, 2014, 53, 3111-3114.	13.8	8
77	Effect of praseodymium and europium doping in La1âˆ’xLn MnO3+ (Ln: Pr or Eu, 0 â‰¤xâ‰¤ 1) perosvkite catalysts for total methane oxidation. Applied Catalysis A: General, 2014, 469, 98-107.	4.3	33
78	Reversible Topochemical Exsolution of Iron in BaFe²⁺₂(PO₄)₂. Angewandte Chemie - International Edition, 2014, 53, 13365-13370.	13.8	22
79	Investigation of New Alkali Bismuth Oxosulfates and Oxophosphates with Original Topologies of Oxo-Centered Units. Inorganic Chemistry, 2014, 53, 12058-12065.	4.0	8
80	Revised Bi/M Layered Oxo-Sulfate (M = Co, Cu): A Structural and Magnetic Study. Inorganic Chemistry, 2014, 53, 6969-6978.	4.0	15
81	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
82	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
83	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
84	Labile Degree of Disorder in Bismuth-Oxophosphate Compounds: Illustration through Three New Structural Types. Inorganic Chemistry, 2014, 53, 861-871.	4.0	15
85	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
86	Puzzling Polymorphism of Layered Ba(CoPO₄)₂. Inorganic Chemistry, 2013, 52, 8732-8737.	4.0	17
87	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
88	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
89	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. CrystEngComm, 2013, 15, 2809.	2.6	8
90	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

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91	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
92	Experimental and theoretical studies of tetramethoxy-p-benzoquinone: infrared spectra, structural and lithium insertion properties. RSC Advances, 2013, 3, 19081.	3.6	21
93	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
94	Anion-Centered Tetrahedra in Inorganic Compounds. Chemical Reviews, 2013, 113, 6459-6535.	47.7	209
95	Phase homology in new layered mixed Li, M (M=Mg, Cu, Cd, Pb, Bi) bismuth oxophosphates and oxoarsenates. Journal of Solid State Chemistry, 2013, 199, 123-128.	2.9	7
96	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
97	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
98	Magnetization Steps Promoted by Structural Modulation in BaCoX2O7 (X = As, P). Journal of Physical Chemistry C, 2013, 117, 18190-18198.	3.1	23
99	Mixed metallic Ba(Co,Mn)X0.2âˆ’O3âˆ’ (X=F, Cl) hexagonal perovskites. Journal of Solid State Chemistry, 2013, 198, 210-217.	2.9	9
100	Slow Spin Dynamics between Ferromagnetic Chains in a Pure-Inorganic Framework. Inorganic Chemistry, 2013, 52, 13742-13750.	4.0	21
101	Fine Hierarchy of the Vâ€“O Bonds by Advanced Solid State NMR: Novel Pb₄(VO₂)(PO₄)₃ Structure as a Textbook Case. Inorganic Chemistry, 2012, 51, 13108-13113.	4.0	9
102	A Genuine Twoâ€Dimensional Ising Ferromagnet with Magnetically Driven Reâ€entrant Transition. Angewandte Chemie - International Edition, 2012, 51, 11745-11749.	13.8	53
103	Investigation of microstructure in ferroelectric lead-free La2Ti2O7 thin film grown on (001)-SrTiO3 substrate. CrystEngComm, 2012, 14, 6524.	2.6	13
104	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
105	Mixed Metallic Ba(Co,Fe)X_{0.2}O_{3âˆ’Î´} (X = F, Cl) Hexagonal Perovskites: Drastic Effect of Fe-Incorporation on Structural and Electronic Features. Inorganic Chemistry, 2012, 51, 7598-7608.	4.0	9
106	Novel Tailormade Bi₄MO₄(PO₄)₂ Structural Type (M) Tj ETQq0 0 0 rgBT /Overlock	4.0	27
107	Twoâ€Dimensional Antiferromagnetism in the [Mn_{3+x}O₇][Bi₄O_{4.5âˆ’y}] Compound with a Mapleâ€Leaf Lattice. Angewandte Chemie - International Edition, 2012, 51, 9393-9397.	13.8	17
108	Inorganic Polar Blocks into Controlled Acentric Assemblies. Inorganic Chemistry, 2012, 51, 9557-9562.	4.0	18

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109	Evidence of the Current Collector Effect: Study of the SOFC Cathode Material Ca₃Co₄O_{9+Î´}. Fuel Cells, 2012, 12, 288-301.	2.4	38
110	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
111	[BaCoO₃]_n[BaCo₈O₁₁] Modular Intergrowths: Singularity of the n = 2 Term. Chemistry of Materials, 2011, 23, 5191-5199.	6.7	15
112	Unprecedented Robust Antiferromagnetism in Fluorinated Hexagonal Perovskites. Journal of the American Chemical Society, 2011, 133, 10901-10909.	13.7	33
113	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
114	High Dilution of Anionic Vacancies in Sr_{0.8}Ba_{0.2}Fe(O,F)_{â¼2.5}. Inorganic Chemistry, 2011, 50, 12499-12507.	4.0	8
115	Optimization of the combustion synthesis towards efficient LaMnO3+y catalysts in methane oxidation. Applied Catalysis B: Environmental, 2011, , .	20.2	13
116	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
117	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
118	Optimisation of the Solid Oxide Fuel Cell (SOFC) cathode material Ca3Co4O9â¯Î´. Journal of Power Sources, 2011, 196, 7328-7332.	7.8	33
119	Potentiality of Ba2Co9O14 as cathode material for IT-SOFC on various electrolytes. Solid State Ionics, 2011, 184, 31-34.	2.7	19
120	Building 3D materials from adjustable 2D-units; towards the Design of new Bi-based compounds. Materials Research Society Symposia Proceedings, 2011, 1309, 15.	0.1	3
121	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
122	Structural investigation of composite phases Ba1 + x [(NaxMn1 â€“ x)O3] with x approx. 2/7, 5/17 and 1/3; exotic Mn4.5+ valence. Zeitschrift FÃ¼r Kristallographie, 2010, 225, 1-11.	1.1	2
123	Anion-Vacancy-Induced Magnetoâ¯Crystalline Anisotropy in Fluorine-Doped Hexagonal Cobaltites. Journal of the American Chemical Society, 2010, 132, 4865-4875.	13.7	20
124	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
125	Heterobimetallic Baâ€“Co aminopolycarboxylate complexes as precursors for BaCoO3-Î´ oxides; towards a one-stage-deposition of cobaltite films. Journal of Materials Chemistry, 2010, 20, 10724.	6.7	7
126	Crystal structures and sodium/silver distributions within the ionic conductors Na₅Ag₂Fe₃(As₂O₇)₄and Na₂Ag₅Fe₃(P₂O₇)₄. New Journal of Chemistry, 2010, 34, 287-293.	2.8	9

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127	Ethoxycarbonyl-Based Organic Electrode for Li-Batteries. Journal of the American Chemical Society, 2010, 132, 6517-6523.	13.7	201
128	Ba8Co2Mn6ClO22, a quasi-1D hexagonal perovskite polytype containing new 8H-blocks. Chemical Communications, 2010, 46, 5271.	4.1	11
129	Incommensurate spin correlation driven by frustration inBiCu2PO6. Physical Review B, 2009, 80, .	3.2	36
130	The Electrochemical and Thermal Performances of Ca3Co4O9-Î´ as a Cathode Material for IT-SOFCs. ECS Transactions, 2009, 25, 2625-2630.	0.5	4
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132	Evidence of crystalline/glassy intermediates in bismuth phosphates. New Journal of Chemistry, 2009, 33, 19-22.	2.8	10
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