Anna GÄgor

List of Publications by Year
in descending order

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139 papers	4,317 citations	126907 33 h-index	128289 60 g-index
144 all docs	144 docs citations	144 times ranked	4772 citing authors

#	Article	IF	Citations
1	Methylhydrazinium lead iodide â€“ one dimensional chain phase with excitonic absorption and large energy band gap. Journal of Molecular Structure, 2022, 1249, 131660.	3.6	8
2	Structural phase transitions in novel hydrogen-bonded cyanide-based crystal of [C4H8NH2]2[(H3O)Co(CN)6]. Journal of Molecular Structure, 2022, 1252, 132143.	3.6	3
3	Three-Dimensional Methylhydrazinium Lead Halide Perovskites: Structural Changes and Effects on Dielectric, Linear, and Nonlinear Optical Properties Entailed by the Halide Tuning. Journal of Physical Chemistry C, 2022, 126, 1600-1610.	3.1	34
4	(C₃N₂H₅)₃Sb₂I₉ and (C₃N₂H₅)₃Bi₂I₉: ferroelastic lead-free hybrid perovskite-like materials as potential semiconducting absorbers. Dalton Transactions, 2022, 51, 1850-1860.	3.3	17
5	More complex than originally thought: revisiting the origins of the relaxation processes in dimethylammonium zinc formate. Journal of Materials Chemistry C, 2022, 10, 6866-6877.	5.5	5
6	A rare diiodo-L-tyrosine copper(II) complexes â€“ Crystal and molecular structure of materials stabilized by weak interactions. Polyhedron, 2022, 219, 115780.	2.2	0
7	Determination of ultra-trace gold in cosmetics using aluminum-magnesium layered double hydroxide/graphene oxide nanocomposite. Talanta, 2022, 245, 123460.	5.5	9
8	Structural, magnetic and photoluminescence properties of new hybrid hypophosphites: discovery of the first noncentrosymmetric and two cobalt-based members. Dalton Transactions, 2022, 51, 9094-9102.	3.3	3
9	Hydroxyalkyl-substituted double-decker silsesquioxanes: effective separation ofcisandtransisomers. Inorganic Chemistry Frontiers, 2022, 9, 3999-4008.	6.0	9
10	Thiosemicarbazide-grafted graphene oxide as superior adsorbent for highly efficient and selective removal of mercury ions from water. Separation and Purification Technology, 2021, 254, 117606.	7.9	35
11	Toward the Undiscovered Dielectric Properties of Hybrid Acetamidinium Manganese Formate under High Pressure. Journal of Physical Chemistry C, 2021, 125, 908-914.	3.1	7
12	Benzyltrimethylammonium cadmium dicyanamide with polar order in multiple phases and prospects for linear and nonlinear optical temperature sensing. Dalton Transactions, 2021, 50, 10580-10592.	3.3	3
13	Nano-bismuth sulfide based dispersive micro-solid phase extraction combined with energy dispersive X-ray fluorescence spectrometry for determination of mercury ions in waters. Journal of Analytical Atomic Spectrometry, 2021, 36, 786-795.	3.0	14
14	Highly selective and sensitive determination of mercury ions by total-reflection X-ray fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2021, 36, 1533-1543.	3.0	5
15	[Methylhydrazinium]₂PbBr₄, a Ferroelectric Hybrid Organicâ€“Inorganic Perovskite with Multiple Nonlinear Optical Outputs. Chemistry of Materials, 2021, 33, 2331-2342.	6.7	97
16	Graphene oxide decorated with fullerenol nanoparticles for highly efficient removal of Pb(II) ions and ultrasensitive detection by total-reflection X-ray fluorescence spectrometry. Separation and Purification Technology, 2021, 277, 119450.	7.9	17
17	Cadmium and manganese hypophosphite perovskites templated by formamidinium cations: dielectric, optical and magnetic properties. Dalton Transactions, 2021, 50, 2639-2647.	3.3	17
18	Multiple rotor modes and how to trigger them: complex cation ordering in the family of relaxing hybrid formates. Dalton Transactions, 2021, 50, 17906-17910.	3.3	1

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19	The cation-dependent structural, magnetic and optical properties of a family of hypophosphite hybrid perovskites. Dalton Transactions, 2021, 51, 352-360.	3.3	7
20	Suppression of phase transitions and glass phase signatures in mixed cation halide perovskites. Nature Communications, 2020, 11, 5103.	12.8	46
21	Two-dimensional metal dicyanamide frameworks of BeTriMe[M(dca)3(H2O)] (BeTriMe =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 magnetic orders and nonlinear optical threshold temperature sensing. Journal of Materials Chemistry C, 2020, 8, 11735-11747.	5.5	14
22	Cellulose mini-membranes modified with TiO2 for separation, determination, and speciation of arsenates and selenites. Mikrochimica Acta, 2020, 187, 430.	5.0	14
23	Crystal and molecular structure stabilized by weak interaction in unique 3,5-diiodo-L-tyrosinato copper(II) complex â€“ synthesis, experimental and theoretical studies. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 262, 114723.	3.5	2
24	Relaxing under pressure with a rigid niccolite formate framework. Journal of Materials Chemistry C, 2020, 8, 16736-16741.	5.5	7
25	Novel hypophosphite hybrid perovskites of [CH₃NH₂NH₂][Mn(H₂POO)₃] and [CH₃NH₂NH₂][Mn(H₂POO)_{2.83}(HCOO)_{0.17}] exhibiting antiferromagnetic order and red photoluminescence. RSC Advances, 2020, 10, 19020-19026.	3.6	21
26	Pyrrolidinium-Based Cyanides: Unusual Architecture and Dielectric Switchability Triggered by Orderâ€“Disorder Process. Inorganic Chemistry, 2020, 59, 8855-8863.	4.0	33
27	[NH2CHNH2]3Sb2I9: a lead-free and low-toxicity organicâ€“inorganic hybrid ferroelectric based on antimony(iii) as a potential semiconducting absorber. Inorganic Chemistry Frontiers, 2020, 7, 1780-1789.	6.0	21
28	Ferroelectricity in a lead free organicâ€“inorganic 0D hybrid: formamidinium bromoantimonate(<scp>iii</scp>). Journal of Materials Chemistry C, 2020, 8, 5025-5028.	5.5	11
29	1D metal-oxalates H2DABCO[M(C2O4)2]Â·3H2O (M(ii): Co, Mg, Zn): phase transitions and magnetic, dielectric, and phonon properties. Journal of Materials Chemistry C, 2020, 8, 6254-6263.	5.5	8
30	Three-Dimensional Perovskite Methylhydrazinium Lead Chloride with Two Polar Phases and Unusual Second-Harmonic Generation Bistability above Room Temperature. Chemistry of Materials, 2020, 32, 4072-4082.	6.7	104
31	Peculiarities of Dipolar Ordering in Mixed Cation Halide Perovskites. , 2020, , .		0
32	Structural, phonon, magnetic and optical properties of novel perovskite-like frameworks of TriBuMe[M(dca)₃] (TriBuMe = tributylmethylammonium; dca = dicyanamide; M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 48, 13006-13016.	3.3	39
33	Graphene Oxide/Carbon Nanotube Membranes for Highly Efficient Removal of Metal Ions from Water. ACS Applied Materials & Interfaces, 2019, 11, 28582-28590.	8.0	69
34	Simulation of Structural Phase Transitions in Perovskite Methylhydrazinium Metalâ€“Formate Frameworks: Coupled Ising and Potts Models. Journal of Physical Chemistry C, 2019, 123, 19912-19919.	3.1	5
35	Exploring a hybrid ferroelectric with a 1-D perovskite-like structure: bis(pyrrolidinium) pentachloroantimonate(<scp>iii</scp>). Journal of Materials Chemistry C, 2019, 7, 10360-10370.	5.5	28
36	A green analytical method for ultratrace determination of hexavalent chromium ions based on micro-solid phase extraction using amino-silanized cellulose membranes. Microchemical Journal, 2019, 149, 104060.	4.5	25

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37	Impact of the Copper-Induced Local Framework Deformation on the Mechanism of Structural Phase Transition in [(CH₃)₂NH₂][Zn(HCOO)₃] Hybrid Metalâ€“Formate Perovskite. Journal of Physical Chemistry C, 2019, 123, 23594-23603.	3.1	12
38	Layered Lead Iodide of [Methylhydrazinium]₂PbI₄ with a Reduced Band Gap: Thermochromic Luminescence and Switchable Dielectric Properties Triggered by Structural Phase Transitions. Chemistry of Materials, 2019, 31, 8563-8575.	6.7	72
39	Lead-free hybrid ferroelectric material based on formamidine: [NH₂CHNH₂]₃Bi₂I₉. Journal of Materials Chemistry C, 2019, 7, 3003-3014.	5.5	39
40	Temperature- and pressure-dependent studies of a highly flexible and compressible perovskite-like cadmium dicyanamide framework templated with protonated tetrapropylamine. Journal of Materials Chemistry C, 2019, 7, 2408-2420.	5.5	32
41	Phase transition in the extreme: a cubic-to-triclinic symmetry change in dielectrically switchable cyanide perovskites. Dalton Transactions, 2019, 48, 15830-15840.	3.3	31
42	Polymorphism in LiN(CF3SO2)2. Solid State Ionics, 2019, 330, 9-16.	2.7	8
43	Graphene Oxide Decorated with Cerium(IV) Oxide in Determination of Ultratrace Metal Ions and Speciation of Selenium. Analytical Chemistry, 2018, 90, 4150-4159.	6.5	25
44	Phase transitions in ferroelectric 4-aminopyridinium tetrachloroantimonate(III) â€“ revisited. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 217-225.	1.1	6
45	Highly selective determination of ultratrace inorganic arsenic species using novel functionalized miniaturized membranes. Analytica Chimica Acta, 2018, 1008, 57-65.	5.4	20
46	Ceria nanoparticles deposited on graphene nanosheets for adsorption of copper(II) and lead(II) ions and of anionic species of arsenic and selenium. Mikrochimica Acta, 2018, 185, 264.	5.0	33
47	Determination and speciation of ultratrace arsenic and chromium species using aluminium oxide supported on graphene oxide. Talanta, 2018, 185, 264-274.	5.5	37
48	Synthesis, magnetic and vibrational properties of two novel mixed-valence iron(II)-iron(III) formate frameworks. Journal of Solid State Chemistry, 2018, 258, 163-169.	2.9	8
49	Temperature-dependent studies of a new two-dimensional cadmium dicyanamide framework exhibiting an unusual temperature-induced irreversible phase transition into a three-dimensional perovskite-like framework. Physical Chemistry Chemical Physics, 2018, 20, 29951-29958.	2.8	26
50	Alumina/nano-graphite composite as a new nanosorbent for the selective adsorption, preconcentration, and determination of chromium in water samples by EDXRF. Analytical and Bioanalytical Chemistry, 2018, 410, 7793-7802.	3.7	16
51	Ferroelectricity and Ferroelasticity in Organic Inorganic Hybrid (Pyrrolidinium)₃[Sb₂Cl₉]. Chemistry of Materials, 2018, 30, 4597-4608.	6.7	65
52	A paraelectricâ€“ferroelectric phase transition of an organically templated zinc oxalate coordination polymer. Dalton Transactions, 2018, 47, 11308-11312.	3.3	15
53	On the origin of ferroelectric structural phases in perovskite-like metalâ€“organic formate. Journal of Materials Chemistry C, 2018, 6, 9420-9429.	5.5	34
54	Heterometallic perovskite-type metalâ€“organic framework with an ammonium cation: structure, phonons, and optical response of [NH4]Na0.5CrxAl0.5â^'x(HCOO)3 (x = 0, 0.025 and 0.5). Physical Chemistry Chemical Physics, 2018, 20, 22284-22295.	2.8	19

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55	Phase sequence in diisopropylammonium iodide: avoided ferroelectricity by the appearance of a reconstructed phase. Inorganic Chemistry Frontiers, 2017, 4, 553-558.	6.0	18
56	Dielectric relaxation and anhydrous proton conduction in [C₂H₅NH₃][Na_{0.5}Fe_{0.5}(HCOO)₃] metalâ€“organic frameworks. Dalton Transactions, 2017, 46, 3681-3687.	3.3	19
57	Phase Transitions and Coexistence of Magnetic and Electric Orders in the Methylhydrazinium Metal Formate Frameworks. Chemistry of Materials, 2017, 29, 2264-2275.	6.7	136
58	The order-disorder state of diaminoalkanes in Cu-based metal-organic materials. Journal of Coordination Chemistry, 2017, 70, 1536-1547.	2.2	8
59	Structure, proton conductivity and molecular dynamics of guanidine zinc sulfate. Solid State Ionics, 2017, 303, 113-118.	2.7	2
60	Vibrational and magnetic properties of [C 2 H 5 NH 3][Fe III M II (HCOO) 6] (M = Mn, Ni) and [C 2 H 5 NH 3][Cr III Mn II (HCOO) 6] framework compounds. Vibrational Spectroscopy, 2017, 90, 74-80.	2.2	7
61	The effect of K⁺ cations on the phase transitions, and structural, dielectric and luminescence properties of [cat][K_{0.5}Cr_{0.5}(HCOO)₃], where cat is protonated dimethylamine or ethylamine. Physical Chemistry Chemical Physics, 2017, 19, 12156-12166.	2.8	31
62	Semiconducting-metallic transition of singlecrystalline ferromagnetic Hf-doped CuCr2Se4 spinels. Physica B: Condensed Matter, 2017, 520, 116-122.	2.7	7
63	Ferroelectricity in bis(ethylammonium) pentachlorobismuthate(<scp>iii</scp>): synthesis, structure, polar and spectroscopic properties. Inorganic Chemistry Frontiers, 2017, 4, 1281-1286.	6.0	36
64	Suppression of the commensurate magnetic phase in nanosized hÃ¼bnerite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>MnW</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	3.2	0
65	The lone-pair-electron-driven phase transition and orderâ€“disorder processes in thermochromic (2-MIm)SbI₄organicâ€“inorganic hybrid. Dalton Transactions, 2017, 46, 16605-16614.	3.3	20
66	Crystal and molecular structures, IR and Raman spectra, vibrational dynamics of aquo 7-methyl-1H-[1,2,3]triazolo[4,5-c]pyridinium nitrate â€“ a new composite material. Journal of Molecular Structure, 2017, 1133, 9-17.	3.6	4
67	Synthesis and characterization of two novel chiral-type formate frameworks templated by protonated diethylamine and ammonium cations. Journal of Solid State Chemistry, 2017, 245, 23-29.	2.9	7
68	Structural, thermal, dielectric and phonon properties of perovskite-like imidazolium magnesium formate. Physical Chemistry Chemical Physics, 2016, 18, 13993-14000.	2.8	43
69	Phase transitions and chromium(<scp>iii</scp>) luminescence in perovskite-type [C₂H₅NH₃][Na_{0.5}Cr_xAl_{0.5â^'x}(HCOO)₃] (x = 0, 0.025, 0.5), correlated with structural, dielectric and phonon properties. Physical Chemistry Chemical Physics, 2016, 18, 29629-29640.	2.8	38
70	Graphene oxide/cellulose membranes in adsorption of divalent metal ions. RSC Advances, 2016, 6, 96595-96605.	3.6	95
71	Structureâ€“property relationships in hybrid (C₃H₅N₂)₃[Sb₂I₉] and (C₃H₅N₂)₃[Bi₂I₉] isomorphs. Inorganic Chemistry Frontiers, 2016, 3, 1306-1316.	6.0	47
72	Strong piezoelectricity in [H-Î²-(2-pyridyl)-Ala-OH][BF₄] and [H-Î²-(2-pyridyl)-Ala-OH][ClO₄] â€“ new amino acid based hybrid crystals. Journal of Materials Chemistry C, 2016, 4, 7622-7631.	5.5	8

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73	Temperature-dependent IR and Raman studies of metalâ€“organic frameworks [(CH3)2NH2][M(HCOO)3], M=Mg and Cd. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 35-41.	3.9	33
74	Experimental and theoretical studies of structural phase transition in a novel polar perovskite-like [C₂H₅NH₃][Na_{0.5}Fe_{0.5}(HCOO)₃] formate. Dalton Transactions, 2016, 45, 2574-2583.	3.3	103
75	Temperature- and pressure-induced phase transitions in the niccolite-type formate framework of [H₃N(CH₃)₄NH₃][Mn₂(HCOO)₆]. Journal of Materials Chemistry C, 2016, 4, 3185-3194.	5.5	36
76	Dielectric relaxation behavior in antiferroelectric metal organic framework [(CH₃)₂NH₂][Fe^{III}Fe^{II}(HCOO)₆] single crystals. Physical Chemistry Chemical Physics, 2016, 18, 8462-8467.	2.8	37
77	Structural, magnetic and phonon properties of Cr(III)-doped perovskite metal formate framework [(CH3)2NH2][Mn(HCOO)3]. Journal of Solid State Chemistry, 2016, 237, 150-158.	2.9	30
78	Synthesis, structure and optical properties of two novel luminescent polar dysprosium metalâ€“organic frameworks: [(CH₃)₂NH₂][Dy(HCOO)₄] and [N₂H₅][Dy(HCOO)₄]. Journal of Materials Chemistry C, 2016, 4, 1019-1028.	5.5	16
79	Structural, magnetic and dielectric properties of two novel mixed-valence iron(<scp>ii</scp>)â€“iron(<scp>iii</scp>) metal formate frameworks. Journal of Materials Chemistry C, 2016, 4, 1186-1193.	5.5	49
80	Growth and characterization of acentric BaHf(BO3)2 and BaZr(BO3)2. Journal of Solid State Chemistry, 2015, 225, 330-334.	2.9	18
81	Temperature-dependent studies of [(CH₃)₂NH₂][Fe^{III}M^{II}(HCOO)₆] frameworks (M^{II} = Fe and Mg): structural, magnetic, dielectric and phonon properties. Dalton Transactions, 2015, 44, 8846-8854.	3.3	56
82	Synthesis and characterization of novel niccolites [(CH₃)₂NH₂][Fe^{III}M^{II}(HCOO)₆] (M^{II}= Zn, Ni, Cu). Dalton Transactions, 2015, 44, 13234-13241.	3.3	46
83	Metalâ€“organic framework in an <scp>l</scp>-arginine copper(<scp>ii</scp>) ion polymer: structure, properties, theoretical studies and microbiological activity. RSC Advances, 2015, 5, 36295-36306.	3.6	31
84	Periodic and incommensurately modulated phases in a (2-methylimidazolium)tetraiodobismuthate(<scp>iii</scp>) thermochromic organicâ€“inorganic hybrid. CrystEngComm, 2015, 17, 3286-3296.	2.6	71
85	Polar and antiferroelectric behaviour of a hybrid crystal â€“ piperazinium perchlorate. CrystEngComm, 2015, 17, 3171-3180.	2.6	18
86	Brillouin scattering, DSC, dielectric and X-ray diffraction studies of phase transitions in antiferroelectric PbHfO3:Sn. Journal of Alloys and Compounds, 2015, 622, 935-941.	5.5	16
87	Synthesis, crystal structure and physical properties of EuTGe3 (T = Co, Ni, Rh, Pd, Ir, Pt) single crystals. Journal of Alloys and Compounds, 2015, 622, 432-439.	5.5	28
88	Synthesis, crystal structure, magnetic and vibrational properties of formamidine-templated Co and Fe formates. Polyhedron, 2015, 85, 137-143.	2.2	38
89	Piezoelectricity and crystal structure of H-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si11.gif" overflow="scroll"><mml:mrow><mml:mi>Î²</mml:mi></mml:mrow></mml:math>-(2-Pyridyl)-Ala-OH amino acid microcrystals. Journal of Molecular Structure, 2014, 1075, 213-219.	3.6	6
90	Structural, spectroscopic and magnetic properties of a novel copper(<scp>ii</scp>)<scp>l</scp>-tyrosinato complex. RSC Advances, 2014, 4, 63150-63161.	3.6	13

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91	The phase transitions in CsFe(MoO4)2 triangular lattice antiferromagnet, neutron diffraction and high pressure studies. Journal of Alloys and Compounds, 2014, 607, 104-109.	5.5	7
92	Suspended Aminosilanized Graphene Oxide Nanosheets for Selective Preconcentration of Lead Ions and Ultrasensitive Determination by Electrothermal Atomic Absorption Spectrometry. ACS Applied Materials & Interfaces, 2014, 6, 20144-20153.	8.0	91
93	Orderâ€“Disorder Transition and Weak Ferromagnetism in the Perovskite Metal Formate Frameworks of [(CH₃)₂NH₂][M(HCOO)₃] and [(CH₃)₂ND₂][M(HCOO)₃] (M = Ni, Mn). Inorganic Chemistry, 2014, 53, 457-467.	4.0	176
94	Spectroscopic characterization of genetically modified flax fibers. Journal of Molecular Structure, 2014, 1074, 321-329.	3.6	9
95	Thermal properties of Er:Li2TiGeO5 ferroelastic ceramics. Ceramics International, 2014, 40, 8027-8031.	4.8	0
96	Orderâ€“disorder phenomena in layered CuCrSe2 crystals. Materials Chemistry and Physics, 2014, 146, 283-288.	4.0	19
97	Perovskite Metal Formate Framework of [NH2-CH+-NH2]Mn(HCOO)3]: Phase Transition, Magnetic, Dielectric, and Phonon Properties. Inorganic Chemistry, 2014, 53, 5260-5268.	4.0	148
98	Improved properties of micronized genetically modified flax fibers. Journal of Biotechnology, 2013, 164, 292-299.	3.8	16
99	Synthesis, crystal structure and phase transitions of a series of imidazolium iodides. CrystEngComm, 2013, 15, 5633.	2.6	38
100	Nano islet formation of formyl- and carboxyferrocene, -ruthenocene, -osmocene and cobaltocenium on amine-functionalized silicon wafers highlighted by crystallographic, AFM and XPS studies. Journal of Organometallic Chemistry, 2013, 745-746, 393-403.	1.8	20
101	Temperature-dependent XRD, IR, magnetic, SEM and TEM studies of Jahnâ€“Teller distorted NiCr2O4 powders. Journal of Solid State Chemistry, 2013, 201, 270-279.	2.9	67
102	Single-crystal structure of vanadium-doped La2Mo2O9. Crystallography Reports, 2013, 58, 829-834.	0.6	6
103	Structural and Vibrational Properties of Imidazo[4,5-c]pyridine, a Structural Unit in Natural Products. Journal of Natural Products, 2013, 76, 1637-1646.	3.0	4
104	Room-temperature ferroelectricity in diisopropylammonium bromide. CrystEngComm, 2013, 15, 940-944.	2.6	81
105	Phase equilibria in the Dyâ€“Feâ€“In system and crystal structure of Dy6Fe1.72In. Intermetallics, 2013, 37, 22-26.	3.9	9
106	Critical behavior of the 3D-Ising ferromagnets Cd[CrxTiy]Se4. Journal of Physics and Chemistry of Solids, 2013, 74, 1419-1425.	4.0	2
107	Non-isostructural arrangement in the crystals of 2-bromo- and 2-iodobenzyl alcohols. The influence of Brâ‹¯Br interactions. Journal of Molecular Structure, 2013, 1054-1055, 117-122.	3.6	2
108	The IR temperature studies of phase transition of 4-aminopyridinium-hydrogen maleate-maleic acid: Isotopic effect and nonlinear optical properties. Vibrational Spectroscopy, 2013, 66, 93-103.	2.2	4

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109	<scp>l</scp>-Tyrosinatonickel(II) Complex: Synthesis and Structural, Spectroscopic, Magnetic, and Biological Properties of 2{[Ni(<scp>l</scp>-Tyr)₂(bpy)]}Â·3H₂OÂ·CH₃OH. Inorganic Chemistry, 2013, 52, 4360-4371.	4.0	26
110	Adsorption of divalent metal ions from aqueous solutions using graphene oxide. Dalton Transactions, 2013, 42, 5682.	3.3	710
111	Anomalous dielectric behaviour in centrosymmetric organicâ€“inorganic hybrid chlorobismuthate(III) containing functional N,N-dimethylethylammonium ligand. Crystal structure and properties. Materials Research Bulletin, 2013, 48, 151-157.	5.2	28
112	Synthesis, structure and properties of [Zn(l-Tyr)2(bpy)]2â‹… 3H2OÂ·CH3OH complex: Theoretical, spectroscopic and microbiological studies. Journal of Inorganic Biochemistry, 2012, 117, 93-102.	3.5	12
113	Giant enhancement of upconversion in ultra-small Er³⁺/Yb³⁺:NaYF₄nanoparticles via laser annealing. Nanotechnology, 2012, 23, 145705.	2.6	50
114	Influence of Ce substitution on the critical properties of 3D-Heisenberg CdxCeyCr2Se4ferromagnets. Philosophical Magazine, 2012, 92, 2382-2396.	1.6	1
115	Weak Crystal Field in Yttrium Gallium Garnet (YGG) Submicrocrystals Doped with Cr³⁺. Crystal Growth and Design, 2012, 12, 4752-4757.	3.0	25
116	Thermoelectric power of CuCrxVySe4 p-type spinel semiconductors. Journal of Physics and Chemistry of Solids, 2012, 73, 262-268.	4.0	3
117	Spin-driven critical fields in a spinel series based on the matrix ZnCr2Se4. Journal of Physics: Conference Series, 2011, 303, 012077.	0.4	4
118	Crystal structure, thermal, dielectric and vibrational properties of a novel polar crystal: 4-Aminopyridinium-hydrogen maleate-maleic acid, [4-NH2C5H4NH][C4H3O4][C4H4O4]. Journal of Molecular Structure, 2011, 1002, 28-36.	3.6	12
119	Spectroscopic properties of Nd3+ ions in nano-perovskite CaTiO3. Journal of Solid State Chemistry, 2011, 184, 2713-2718.	2.9	29
120	Specific heat and magnetic susceptibility of single-crystalline ZnCr2Se4 spinels doped with Ga, In and Ce. Materials Chemistry and Physics, 2011, 131, 142-150.	4.0	13
121	Vibrational spectra and structure of methyl-derivatives of imidazo[4,5-c]pyridine based on DFT quantum chemical calculations and XRD studies. Vibrational Spectroscopy, 2011, 57, 229-241.	2.2	9
122	Structural phase transitions in tetra(isopropylammonium) decachlorotricadmate(II), [(CH₃)₂CHNH₃]₄Cd₃Cl₁₀, crystal with a two-dimensional cadmium(II) halide network. Acta Crystallographica Section B: Structural Science, 2011, 67, 122-129.	1.8	21
123	Crystal structure and characterization of a novel acentric imidazolium analog <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si14.gif" overflow="scroll"><mml:mrow><mml:mo Organic–inorganic compounds with strong nonlinear optical properties based on 2,4,6-trimethylpyridinium and tetrahedral BF<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:m	2.6	16
124		3.2	5
125	Growth of KTiOPO4 crystals doped with zinc and studies of their physical properties and specific structural features. Crystallography Reports, 2010, 55, 594-601.	0.6	2
126	Unprecedented solid-state chemical reactionâ€”from . From centrosymmetric to non-centrosymmetric crystal structure. Journal of Solid State Chemistry, 2010, 183, 3058-3066.	2.9	34

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127	Symmetry of LaAlO3 nanocrystals as a function of crystallite size. Journal of Solid State Chemistry, 2010, 183, 2095-2100.	2.9	43
128	Pentapotassium europium(III) dilithium decafluoride, K5EuLi2F10. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i82-i82.	0.2	3
129	Spectroscopic investigations of Gd3Sc2Ga3O12 garnet doped with Cr3+ and Nd3+ ions. Journal of Rare Earths, 2009, 27, 560-563.	4.8	5
130	Heavy-Fermion Behavior and Electrochemistry of Li_{1.27}Mn_{1.73}O₄. Chemistry of Materials, 2009, 21, 2525-2533.	6.7	26
131	Pentapotassium praseodymium(III) dilithium decafluoride, K5PrLi2F10. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i81-i81.	0.2	3
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