Anja Mudring

List of Publications by Year
in descending order

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290 papers	7,410 citations	53660 45 h-index	98622 67 g-index
343 all docs	343 docs citations	343 times ranked	6465 citing authors

#	Article	IF	Citations
1	Lanthanide-based complexes as efficient physiological temperature sensors. Materials Chemistry and Physics, 2022, 277, 125424.	2.0	14
2	Ionic liquids and deep eutectics as a transformative platform for the synthesis of nanomaterials. Chemical Communications, 2022, 58, 3865-3892.	2.2	49
3	Accessing Lanthanide Tricyanomethanide Coordination Polymers Using Ionic Liquids. Crystal Growth and Design, 2022, 22, 2372-2381.	1.4	5
4	Magnetic phase diagram of the solid solution LaMn2(Ge1â^'xSix)2 (0â€‰â‰‰â€‰xâ€‰â‰‰â€‰1) unraveled by powder neutron diffraction. Scientific Reports, 2022, 12, .	1.6	1
5	Flux Growth, Crystal Structures, and Electronic Properties of the Ternary Intermetallic Compounds Ca₃Pd₄Bi₈ and Ca₃Pt₄Bi₈. Inorganic Chemistry, 2022, 61, 9756-9766.	1.9	1
6	Investigation in the ternary Ta-Ni-P system: Solid state phase equilibria at T=1070ÂK, crystal and electronic structures of new ternary phosphides. Journal of Alloys and Compounds, 2021, 864, 158122.	2.8	3
7	Sandwiched KagomÃ© Lattices in a Coordination Polymer Based on Mixed-Valent Uranium. Crystal Growth and Design, 2021, 21, 1727-1733.	1.4	2
8	Synthesis of luminescent semiconductor nanoparticles in ionic liquids â€“the importance of the ionic liquid in the formation of quantum dots. Green Chemistry Letters and Reviews, 2021, 14, 128-136.	2.1	10
9	Uncovering new transition metal Zintl phases by cation substitution: the crystal chemistry of Ca₃CuGe₃ and Ca_{2+n}Mn_xAg_{2â^'x+z}Ge_{2+nâ^'z} (n = 3, 4). CrystEngComm, 2021, 23, 2711-2722.	1.3	0
10	Developing design tools for introducing and tuning structural order in ionic liquids. CrystEngComm, 2021, 23, 1785-1795.	1.3	9
11	Anhydrous vs Hydrated f-Element Acetate Polymers Dictated by the Stoichiometry of Protic Acidic/Basic Azole Mixtures. Crystal Growth and Design, 2021, 21, 2516-2525.	1.4	5
12	Ionic Liquid-Based Dye-Sensitized Solar Cellsâ€”Insights into Electrolyte and Redox Mediator Design. ACS Sustainable Chemistry and Engineering, 2021, 9, 8107-8114.	3.2	22
13	Overlooked Binary Compounds Uncovered in the Reinspection of the Laâ€“Au System: Synthesis, Crystal Structures, and Electronic Properties of La₇Au₃, La₃Au₂, and La₃Au₄. Inorganic Chemistry, 2021, 60, 12158-12171.	1.9	1
14	Ready Access to Anhydrous Anionic Lanthanide Acetates by Using Imidazolium Acetate Ionic Liquids as the Reaction Medium. Chemistry - A European Journal, 2021, 27, 13181-13189.	1.7	7
15	Suppression of antiferromagnetic order and strong ferromagnetic spin fluctuations in Ca(Co1â^'xNix)2â^'yAs2 single crystals. Physical Review B, 2021, 104, .	1.1	0
16	New intermetallics R1+xZr1â^'xNi (R = Erâ€“Tm, x ~ 0.5) with the TiNiSi type of structure. Intermetallics, 2021, 137, 107279.	1.8	0
17	Crystal and electronic structures of the new ternary silicide Sc12Co41.8Si30.2. Journal of Solid State Chemistry, 2021, 302, 122373.	1.4	2
18	Structural analysis of mono-substituted N-butyl-pyridinium salts: in search of ionic liquids. Journal of Coordination Chemistry, 2021, 74, 117-128.	0.8	2

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19	The Power of Ionic Liquids: Crystal Facet Engineering of SrTiO₃ Nanoparticles for Tailored Photocatalytic Applications. Advanced Sustainable Systems, 2021, 5, 2000180.	2.7	10
20	Short-range ferromagnetic order due to Ir substitutions in single-crystalline Ba(Co1â˜' x Ir x)2As2 (0 â©½ x â©½) TJ ETQq0 0 0 rgBT /C	0.7	2
21	Crystal and Magnetic Structures of the Ternary Ho2Ni0.8Si1.2 and Ho2Ni0.8Ge1.2 Compounds: An Example of Intermetallics Crystallizing with the Zr2Ni1â€"xP Prototype. Inorganic Chemistry, 2021, 60, 16397-16408.	1.9	0
22	First-order antiferromagnetic transitions of SrMn ₂ P ₂ and CaMn ₂ P ₂ single crystals containing corrugated-honeycomb Mn sublattices. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	8
23	Shape Preserving Single Crystal to Amorphous to Single Crystal Polymorphic Transformation Is Possible. Journal of the American Chemical Society, 2021, 143, 20202-20206.	6.6	0
24	Magnetic, Photo- and Electroluminescent: Multifunctional Ionic Tb Complexes. Inorganic Chemistry, 2021, 60, 17487-17497.	1.9	5
25	Photoisomerization and Mesophase Formation in Azo-Ionic Liquids. Crystal Growth and Design, 2020, 20, 214-225.	1.4	9
26	Mechanochemical synthesis, luminescent and magnetic properties of lanthanide benzene-1,4-dicarboxylate coordination polymers (Ln_{0.5}Gd_{0.5})₂ (1,4-BDC)₃(H₂O)₄; Ln = Sm, Eu, Tb. New Journal of Chemistry, 2020, 44, 1054-1062.	1.4	17
27	Metamagnetic transition, magnetocaloric effect and electronic structure of the rare-earth anti-perovskite SnOEu3. Journal of Magnetism and Magnetic Materials, 2020, 501, 166405.	1.0	9
28	Sustainable Urban Mining of Critical Elements from Magnet and Electronic Wastes. ACS Sustainable Chemistry and Engineering, 2020, 8, 1455-1463.	3.2	28
29	New cation-disordered quaternary selenides Tl2Ga2 TtSe6 (Tt=Ge, Sn). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 135-142.	0.3	5
30	Synthesis of Anhydrous Acetates for the Components of Nuclear Fuel Recycling in Dialkylimidazolium Acetate Ionic Liquids. Inorganic Chemistry, 2020, 59, 818-828.	1.9	14
31	Structural Consequences of Halogen Bonding in Dialkylimidazolium: A New Design Strategy for Ionic Liquids Illustrated with the I₂ Cocrystal and Acetonitrile Solvate of 1,3-Dimethylimidazolium Iodide. Crystal Growth and Design, 2020, 20, 498-505.	1.4	4
32	Binary Intermetallics in the 70 atom % R Region of Two Râ€"Pd Systems (R = Tb and Er): Hidden, Obscured, or Nonexistent?. Inorganic Chemistry, 2020, 59, 10802-10812.	1.9	5
33	Crystallographic evidence of Watsonâ€"Crick connectivity in the base pair of anionic adenine with thymine. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18224-18230.	3.3	6
34	Rationally designed rare earth separation by selective oxalate solubilization. Chemical Communications, 2020, 56, 11386-11389.	2.2	20
35	Fluorinated Cationic Iridium(III) Complex Yielding an Exceptional, Efficient, and Long-Lived Red-Light-Emitting Electrochemical Cell. ACS Applied Energy Materials, 2020, 3, 9271-9277.	2.5	10
36	A soft chemistry approach to the synthesis of single crystalline and highly pure (NH4)CoF3 for optical and magnetic investigations. Journal of Chemical Physics, 2020, 153, 104501.	1.2	1

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37	Green Lightâ€Emitting Electrochemical Cells: Efficient and Long Lived Green Lightâ€Emitting Electrochemical Cells (Adv. Funct. Mater. 33/2020). Advanced Functional Materials, 2020, 30, 2070225.	7.8	0
38	Synthesis and Crystal Structure of the Short LnSb2O4Br Series (Ln = Euâ€“Tb) and Luminescence Properties of Eu3+-Doped Samples. Crystals, 2020, 10, 1089.	1.0	10
39	Forcing Dicyanamide Coordination to f-Elements by Dissolution in Dicyanamide-Based Ionic Liquids. Inorganic Chemistry, 2020, 59, 7227-7237.	1.9	19
40	Ternary Polar Intermetallics within the Pt/Sn/R Systems (R = Laâ€“Sm): Stannides or Platinides?. Inorganic Chemistry, 2020, 59, 7352-7359.	1.9	5
41	Efficient and Long Lived Green Lightâ€Emitting Electrochemical Cells. Advanced Functional Materials, 2020, 30, 1909809.	7.8	20
42	Benchtop access to anhydrous actinide N-donor coordination complexes using ionic liquids. Chemical Communications, 2020, 56, 4232-4235.	2.2	12
43	Ferromagnetic cluster-glass phase in Ca(Co1â^'xIrx)2â^'yAs2 crystals. Physical Review B, 2020, 102, .	1.1	12
44	Dehydration of UO₂Cl₂Â·3H₂O and Nd(NO₃)₃Â·6H₂O with a Soft Donor Ligand and Comparison of Their Interactions through X-ray Diffraction and Theoretical Investigation. Inorganic Chemistry, 2020, 59, 2861-2869.	1.9	8
45	Metallic alloys at the edge of complexity: structural aspects, chemical bonding and physical properties*. Journal of Physics Condensed Matter, 2020, 32, 243002.	0.7	24
46	Paramagnetic iron-containing ionic liquid crystals. Journal of Molecular Liquids, 2020, 304, 112583.	2.3	3
47	A fivefold UO22+ node is a path to dodecagonal quasicrystal approximants in coordination polymers. Science Advances, 2020, 6, eaay7685.	4.7	11
48	Magnetic phase transitions in Eu(<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 317 Td (xmlns:mml="http://www.w3.org/1998/Mathvariant="normal">As</mml:mi>. Physical Review Materials, 2020, 4, .	0.9	10
49	Elucidating structureâ€“property relationships in imidazolium-based halide ionic liquids: crystal structures and thermal behavior. Zeitschrift Fur Kristallographie - Crystalline Materials, 2020, 235, 365-374.	0.4	2
50	Alternative to the Popular Imidazolium Ionic Liquids: 1,2,4-Triazolium Ionic Liquids with Enhanced Thermal and Chemical Stability. ACS Sustainable Chemistry and Engineering, 2019, 7, 15995-16006.	3.2	20
51	Highly Luminescent Ionic Liquids Based on Complex Lanthanide Saccharinates. Inorganic Chemistry, 2019, 58, 11569-11578.	1.9	13
52	Ionothermal Synthesis Enables Access to 3D Open Framework Manganese Phosphates Containing Extra-Large 18-Ring Channels. Chemistry of Materials, 2019, 31, 7329-7339.	3.2	13
53	Stability, Crystal Chemistry, and Magnetism of U2+xNi21â€“xB6 and Nb3â€“yNi20+yB6 and the Role of Uranium in the Formation of the Quaternary U2â€“zNbzNi21B6 and UÎ´Nb3â^'Î´Ni20B6 Systems. Inorganic Chemistry, 2019, 58, 15045-15059.	1.9	0
54	Ionothermal Synthesis, Structures, and Magnetism of Three New Open Framework Iron Halide-Phosphates. Inorganic Chemistry, 2019, 58, 13203-13212.	1.9	11

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55	Active-Transition-Metal Tellurides: Through Crystal Structures to Physical Properties. Crystal Growth and Design, 2019, 19, 5429-5440.	1.4	3
56	Structures, properties, and potential applications of rare earth-noble metal tellurides. Journal of Solid State Chemistry, 2019, 274, 243-258.	1.4	8
57	Helical antiferromagnetic ordering in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuNi</mml:mi><mml:mrow><mml:mn>1.</mml:mn> single crystals. Physical Review B, 2019, 100, .	1.1	16
58	Non-Fermi-liquid types of behavior associated with a magnetic quantum critical point in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sr</mml:mi><mml:msub><mml:mrow><mml:mn>(</mml Physical Review B, 2019, 100, .	1.1	19
59	Upconversion luminescence in sub-10 nm Î²-NaGdF₄:Yb³⁺,Er³⁺ nanoparticles: an improved synthesis in anhydrous ionic liquids. RSC Advances, 2019, 9, 34784-34792.	1.7	6
60	Luminescence properties of a family of lanthanide metal-organic frameworks. Microporous and Mesoporous Materials, 2019, 279, 400-406.	2.2	62
61	Anomalous effects of Sc substitution and processing on magnetism and structure of (Gd1âˆ’xScx)5Ge4. Journal of Magnetism and Magnetic Materials, 2019, 474, 482-492.	1.0	3
62	Rare earth metal-containing ionic liquids. Coordination Chemistry Reviews, 2018, 363, 1-16.	9.5	71
63	Enhanced moments of Eu in single crystals of the metallic helical antiferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCo</mml:mi><mml:mrow><mml:mn>2 Physical Review B, 2018, 97, .	1.1	21
64	R₁₄(Au, M)₅₁ (R = Y, Laâ€“Nd, Smâ€“Tb, Ho, Er, Yb, Lu; M = Al, Ga, Ge, In, Sn, Sb, Bi): Stability Ranges and Site Preference in the Gd₁₄Ag₅₁ Structure Type. Crystal Growth and Design, 2018, 18, 993-1001.	1.4	3
65	Antiferromagnetism in semiconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrMn</mml:mi><mml:mn>2</mml:mn></ xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaMn</mml:mi><mml:mn>2</mml:mn></ crystals. Physical Review B, 2018, 97, .	1.1	24
66	Luminescence and energy transfer in Î²-NaGdF₄:Eu³⁺,Er³⁺ nanocrystalline samples from a room temperature synthesis. New Journal of Chemistry, 2018, 42, 237-245.	1.4	9
67	Controlling magnetism via transition metal exchange in the series of intermetallics Eu(T1,T2)5In (T =) Tj ETQq1 1 0.784314 rgBT /Ove	2.7	1
68	Bringing order to large-scale disordered complex metal alloys: Gd2Au15âˆ’xSbxand BaAuxGa12âˆ’x. CrystEngComm, 2018, 20, 348-355.	1.3	1
69	Supramolecularly Caged Green-Emitting Ionic Ir(III)-Based Complex with Fluorinated C^N Ligands and Its Application in Light-Emitting Electrochemical Cells. ACS Applied Materials & Interfaces, 2018, 10, 11026-11036.	4.0	13
70	Tb₃Pd₂, Er₃Pd₂ and Er₆Co_{5â€“x}: structural variations and bonding in rare-earth-richer binary intermetallics. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 991-996.	0.2	2
71	An Obscured or Nonexistent Binary Intermetallic, Co₇Pr₁₇, Its Existent Neighbor Co₂Pr₅, and Two New Ternaries in the System Co/Sn/Pr, CoSn₃Pr_{1â€“x}, and Co_{2â€“x}Sn₇Pr₃. Crystal Growth and Design, 2018, 18, 6273-6283.	1.4	5
72	Sodium Salicylate: An Inâ€Depth Thermal and Photophysical Study. Chemistry - A European Journal, 2018, 24, 15638-15648.	1.7	9

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73	From the Nonexistent Polar Intermetallic Pt₃Pr₄ via Pt_{2â€“x}Pr₃ to Pt/Sn/Pr Ternaries. Inorganic Chemistry, 2018, 57, 9949-9961.	1.9	10
74	Luminescence properties of mechanochemically synthesized lanthanide containing MIL-78 MOFs. Dalton Transactions, 2018, 47, 7594-7601.	1.6	53
75	Synthesis, structural characterization and luminescence properties of 1-carboxymethyl-3-ethylimidazolium chloride. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 653-658.	0.2	7
76	Magnetocaloric Behavior in Ternary Europium Indides EuT₅In: Probing the Design Capability of First-Principles-Based Methods on the Multifaceted Magnetic Materials. Chemistry of Materials, 2017, 29, 2599-2614.	3.2	29
77	EuNi₅InH_{1.5â^’x} (x = 0â€“1.5): hydrogen induced structural and magnetic transitions. Journal of Materials Chemistry C, 2017, 5, 2994-3006.	2.7	10
78	Improving the zT value of thermoelectrics by nanostructuring: tuning the nanoparticle morphology of Sb₂Te₃by using ionic liquids. Dalton Transactions, 2017, 46, 656-668.	1.6	42
79	Ionic liquid supported synthesis of nano-sized rare earth doped phosphates. Journal of Luminescence, 2017, 189, 99-112.	1.5	14
80	Long term stable deep red light-emitting electrochemical cells based on an emissive, rigid cationic Ir(<scp>iii</scp>) complex. Journal of Materials Chemistry C, 2017, 5, 3049-3055.	2.7	19
81	R₃Au₉Pn (R = Y, Gdâ€“Tm; Pn = Sb, Bi): A Link between Cu₁₀Sn₃ and Gd₁₄Ag₅₁. Inorganic Chemistry, 2017, 56, 7247-7256.	1.9	10
82	Ionicâ€Liquidâ€Assisted Microwave Synthesis of Solid Solutions of Sr_{1â^’x}Ba_xSnO₃ Perovskite for Photocatalytic Applications. ChemSusChem, 2017, 10, 3387-3401.	3.6	40
83	Recent trends in binary and ternary rare-earth fluoride nanophosphors: How structural and physical properties influence optical behavior. Journal of Luminescence, 2017, 189, 44-63.	1.5	83
84	Room temperature synthesis of Î²-NaGdF4: RE3+ (RE= Eu, Er) nanocrystallites and their luminescence. Journal of Luminescence, 2017, 189, 91-98.	1.5	15
85	Scrutinizing Design Principles toward Efficient, Longâ€Term Stable Green Lightâ€Emitting Electrochemical Cells. Advanced Functional Materials, 2017, 27, 1605588.	7.8	35
86	Layered Structures and Disordered Polyanionic Nets in the Cation-Poor Polar Intermetallics CsAu1.4Ga2.8 and CsAu2Ga2.6. Crystal Growth and Design, 2017, 17, 693-700.	1.4	4
87	Breaking the paradigm: record quindecim charged magnetic ionic liquids. Materials Horizons, 2017, 4, 217-221.	6.4	20
88	Green-yellow emitting hybrid light emitting electrochemical cell. Journal of Materials Chemistry C, 2017, 5, 12062-12068.	2.7	18
89	Open-Framework Manganese(II) and Cobalt(II) Borophosphates with Helical Chains: Structures, Magnetic, and Luminescent Properties. Inorganic Chemistry, 2017, 56, 11104-11112.	1.9	17
90	Size of the rare-earth ions: a key factor in phase tuning and morphology control of binary and ternary rare-earth fluoride materials. RSC Advances, 2017, 7, 33467-33476.	1.7	24

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91	Microwave-Assisted Synthesis of Perovskite SrSnO₃ Nanocrystals in Ionic Liquids for Photocatalytic Applications. Inorganic Chemistry, 2017, 56, 6920-6932.	1.9	62
92	Gold Polar Intermetallics: Structural Versatility through Exclusive Bonding Motifs. Accounts of Chemical Research, 2017, 50, 2633-2641.	7.6	27
93	Divalent Europium doped CaF2 and BaF2 nanocrystals from ionic liquids. Journal of Luminescence, 2017, 189, 2-8.	1.5	13
94	Design of LaPO4:Nd3+ materials by using ionic liquids. Optical Materials, 2017, 63, 76-87.	1.7	18
95	Anomalous Composition-Induced Crossover in the Magnetic Properties of the Itinerant-Electron AntiferromagnetCa1â^'xSrxCo2â^'yAs2. Physical Review Letters, 2017, 119, 257203.	2.9	13
96	Crystal structures and new perspectives on Y₃Au₄and Y₁₄Au₅₁. Acta Crystallographica Section C, Structural Chemistry, 2017, 73, 692-696.	0.2	8
97	Coordination Chemistry in Rare Earth Containing Ionic Liquids. Fundamental Theories of Physics, 2016, 50, 395-420.	0.1	1
98	Caesiumplatinidhydrid, 4â€‰Cs₂Ptâ‹…CsH: ein intermetallisches Doppelsalz mit Metallâ€Anionen. Angewandte Chemie, 2016, 128, 15059-15062.	1.6	0
99	New R₃Pd₅ Compounds (R = Sc, Y, Gdâ€“Lu): Formation and Stability, Crystal Structure, and Antiferromagnetism. Crystal Growth and Design, 2016, 16, 6001-6015.	1.4	8
100	The missing hydrate AlF3Â·6H2O [Al(H2O)6]F3: Ionothermal synthesis, crystal structure and characterization of aluminum fluoride hexahydrate. Solid State Sciences, 2016, 61, 58-62.	1.5	5
101	Titelbild: Caesiumplatinidhydrid, 4â€‰Cs₂Ptâ‹…CsH: ein intermetallisches Doppelsalz mit Metallâ€Anionen (Angew. Chem. 47/2016). Angewandte Chemie, 2016, 128, 14687-14687.	1.6	0
102	Gold in the Layered Structures of R₃Au₇Sn₃: From Relativity to Versatility. Crystal Growth and Design, 2016, 16, 5657-5668.	1.4	18
103	Cesium Platinide Hydride 4Cs2Ptâ‹…CsH: An Intermetallic Double Salt Featuring Metal Anions. Angewandte Chemie - International Edition, 2016, 55, 14838-14841.	7.2	14
104	Gd₃Ni₂ and Gd₃Co_xNi_{2â^'x}: magnetism and unexpected Co/Ni crystallographic ordering. Journal of Materials Chemistry C, 2016, 4, 6078-6089.	2.7	22
105	Phase selective synthesis of quantum cutting nanophosphors and the observation of a spontaneous room temperature phase transition. Nanoscale, 2016, 8, 8160-8169.	2.8	32
106	Ionic liquid assisted microwave synthesis route towards color-tunable luminescence of lanthanide-doped BiPO4. Journal of Luminescence, 2016, 170, 641-647.	1.5	18
107	Controllable synthesis of nanoscale YPO4:Eu3+ in ionic liquid. Journal of Luminescence, 2016, 169, 868-873.	1.5	17
108	Sonochemical synthesis of highly luminescent Ln2O3:Eu3+ (Y, La, Gd) nanocrystals. Journal of Luminescence, 2016, 169, 587-593.	1.5	25

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109	Energy efficient microwave synthesis of mesoporous Ce_{0.5}M_{0.5}O₂ (Ti, Zr, Hf) nanoparticles for low temperature CO oxidation in an ionic liquid â€“ a comparative study. New Journal of Chemistry, 2015, 39, 1339-1347.	1.4	16
110	Silica ionogels synthesized with imidazolium based ionic liquids in presence of supercritical CO2. Journal of Supercritical Fluids, 2015, 105, 60-65.	1.6	19
111	Corbett Special Issue Editorial. Inorganic Chemistry, 2015, 54, 705-706.	1.9	1
112	Influence of the Counteranion on the Ability of 1-Dodecyl-3-methyltriazolium Ionic Liquids to Form Mesophases. Crystal Growth and Design, 2015, 15, 752-758.	1.4	21
113	Triazolium based ionic liquid crystals: effect of asymmetric substitution. RSC Advances, 2015, 5, 16886-16896.	1.7	25
114	Mesophase Stabilization in Ionic Liquid Crystals through Pairing Equally Shaped Mesogenic Cations and Anions. Crystal Growth and Design, 2015, 15, 5388-5396.	1.4	9
115	Record figure of merit values of highly stoichiometric Sb₂Te₃ porous bulk synthesized from tailor-made molecular precursors in ionic liquids. Journal of Materials Chemistry C, 2015, 3, 10375-10380.	2.7	31
116	Gold-rich R₃Au₇Sn₃: establishing the interdependence between electronic features and physical properties. Journal of Materials Chemistry C, 2015, 3, 8311-8321.	2.7	20
117	Azobenzene-Based Organic Salts with Ionic Liquid and Liquid Crystalline Properties. Crystal Growth and Design, 2015, 15, 4701-4712.	1.4	21
118	From the Ternary Eu(Au/In)₂ and EuAu₄(Au/In)₂ with Remarkable Au/In Distributions to a New Structure Type: The Gold-Rich Eu₅Au₁₆(Au/In)₆ Structure. Inorganic Chemistry, 2015, 54, 8187-8196.	1.9	23
119	Cation-Poor Complex Metallic Alloys in Ba(Eu)â€“Auâ€“Al(Ga) Systems: Identifying the Keys that Control Structural Arrangements and Atom Distributions at the Atomic Level. Inorganic Chemistry, 2015, 54, 10296-10308.	1.9	30
120	Crystal Structure and Bonding in BaAu5Ga2 and AeAu4+xGa3â€“x (Ae = Ba and Eu): Hexagonal Diamond-Type Au Frameworks and Remarkable Cation/Anion Partitioning in the Aeâ€“Auâ€“Ga Systems. Inorganic Chemistry, 2015, 54, 1010-1018.	1.9	21
121	Ionic Liquid-Assisted Sonochemical Preparation of CeO₂ Nanoparticles for CO Oxidation. ACS Sustainable Chemistry and Engineering, 2015, 3, 42-54.	3.2	55
122	A novel approach to prepare optically active ion doped luminescent materials via electron beam evaporation into ionic liquids. Chemical Communications, 2015, 51, 114-117.	2.2	8
123	Low-temperature route to metal titanate perovskite nanoparticles for photocatalytic applications. Applied Catalysis B: Environmental, 2015, 178, 20-28.	10.8	74
124	Reaching quantum yields â‰«100% in nanomaterials. Journal of Materials Chemistry C, 2014, 2, 1862.	2.7	34
125	(1â€Butylâ€4â€methylâ€pyridinium)[Cu(SCN)₂]: A Coordination Polymer and Ionic Liquid. Chemistry - A European Journal, 2014, 20, 5338-5345.	1.7	47
126	A Roadmap to Uranium Ionic Liquids: Anti-Crystal Engineering. Chemistry - A European Journal, 2014, 20, 6482-6493.	1.7	21

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127	Charge compensation in RE3+ (RE = Eu, Gd) and M+ (M = Li, Na, K) co-doped alkaline earth nanofluorides obtained by microwave reaction with reactive ionic liquids leading to improved optical properties. Journal of Materials Chemistry C, 2014, 2, 9439-9450.	2.7	49
128	Influence of scCO2, Ultrasound, and Quaternary Ammonium Salt on Gelation Time and Structural Characteristics of Silica. Chemical Engineering and Technology, 2014, 37, 1873-1878.	0.9	2
129	Quantum cutting in nanoparticles producing two green photons. Chemical Communications, 2014, 50, 13282-13284.	2.2	22
130	New triazolium based ionic liquid crystals. Journal of Materials Chemistry C, 2014, 2, 7976.	2.7	30
131	Highly Luminescent Salts Containing Well-Shielded Lanthanide-Centered Complex Anions and Bulky Imidazolium Countercations. Inorganic Chemistry, 2014, 53, 9027-9035.	1.9	28
132	A Systematic Study on the Mesomorphic Behavior of Asymmetrical 1-Alkyl-3-dodecylimidazolium Bromides. Crystal Growth and Design, 2014, 14, 1561-1571.	1.4	25
133	Bis-cationic ionic liquid crystals. Journal of Materials Chemistry C, 2014, 2, 458-473.	2.7	57
134	Ionothermal synthesis of open-framework metal phosphates with a KagomÃ© lattice network exhibiting canted anti-ferromagnetism. Journal of Materials Chemistry C, 2014, 2, 7417.	2.7	22
135	Highly Luminescent and Colorâ€Tunable Salicylate Ionic Liquids. Chemistry - A European Journal, 2014, 20, 4704-4712.	1.7	33
136	Ionothermal Synthesis, Crystal Structure, and Magnetic Study of Co2PO4OH Isostructural with Caminite. Inorganic Chemistry, 2014, 53, 3072-3077.	1.9	15
137	Small nickel nanoparticle arrays from long chain imidazolium ionic liquids. Nanoscale, 2014, 6, 3367.	2.8	48
138	Highâ€Throughput Fabrication of Auâ€“Cu Nanoparticle Libraries by Combinatorial Sputtering in Ionic Liquids. Advanced Functional Materials, 2014, 24, 2049-2056.	7.8	71
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