

Anja Mudring

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279
papers

6,190
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42
h-index

62
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343
ext. papers

6,827
ext. citations

5
avg, IF

6.31
L-index

#	Paper	IF	Citations
279	Dysprosium room-temperature ionic liquids with strong luminescence and response to magnetic fields. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7635-8	16.4	223
278	Europium-based ionic liquids as luminescent soft materials. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7631-4	16.4	186
277	Ionic Liquids for Lanthanide and Actinide Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2569-2581	2.3	156
276	Intense near-infrared luminescence of anhydrous lanthanide(III) iodides in an imidazolium ionic liquid. <i>Chemical Physics Letters</i> , 2005 , 402, 75-79	2.5	111
275	Facile preparation of quantum cutting GdF(3) : Eu(3+) nanoparticles from ionic liquids. <i>Chemical Communications</i> , 2010 , 46, 571-3	5.8	104
274	Stabilizer-free metal nanoparticles and metal-metal oxide nanocomposites with long-term stability prepared by physical vapor deposition into ionic liquids. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 2431-5	16.4	102
273	Anhydrous Praseodymium Salts in the Ionic Liquid [bmpyr][Tf2N]: Structural and Optical Properties of [bmpyr]4[PrI6][Tf2N] and [bmyr]2[Pr(Tf2N)5]. <i>Chemistry of Materials</i> , 2005 , 17, 6230-6238	9.6	100
272	Synthesis, structure, and physico-optical properties of manganate(II)-based ionic liquids. <i>Chemistry - A European Journal</i> , 2010 , 16, 3355-65	4.8	95
271	The "noncoordinating" anion Tf2N- coordinates to Yb2+: a structurally characterized Tf2N- complex from the ionic liquid [mppyr][Tf2N]. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5485-8	16.4	95
270	Temperature-driven mixing-demixing behavior of binary mixtures of the ionic liquid choline bis(trifluoromethylsulfonyl)imide and water. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 1429-37	3.4	89
269	White-Light-Emitting Single Phosphors via Triply Doped LaF3 Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 12229-12238	3.8	81
268	Stability and growth behavior of transition metal nanoparticles in ionic liquids prepared by thermal evaporation: how stable are they really?. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 7136-41	3.6	73
267	Facile preparation of Ag/ZnO nanoparticles via photoreduction. <i>Journal of Materials Science</i> , 2009 , 44, 3218-3222	4.3	71
266	Solidification of Ionic Liquids: Theory and Techniques. <i>Australian Journal of Chemistry</i> , 2010 , 63, 544	1.2	68
265	Facile ultrasound-assisted synthesis of ZnO nanorods in an ionic liquid. <i>Materials Letters</i> , 2009 , 63, 732-735		68
264	A new class of double alkyl-substituted, liquid crystalline imidazolium ionic liquids--a unique combination of structural features, viscosity effects, and thermal properties. <i>Chemical Communications</i> , 2009 , 7405-7	5.8	68
263	In-Situ Crystal Growth and Properties of the Magnetic Ionic Liquid [C2mim][FeCl4]. <i>Crystal Growth and Design</i> , 2011 , 11, 2564-2571	3.5	66

262	On the dissolution of non-metallic solid elements (sulfur, selenium, tellurium and phosphorus) in ionic liquids. <i>Chemical Communications</i> , 2010 , 46, 716-8	5.8	66
261	Imidazolium based ionic liquid crystals: structure, photophysical and thermal behaviour of [Cnmim]Br _x H ₂ O (n = 12, 14; x=0, 1). <i>Crystal Research and Technology</i> , 2008 , 43, 1187-1196	1.3	64
260	Lanthanide coordination polymers with tetrafluoroterephthalate as a bridging ligand: thermal and optical properties. <i>Inorganic Chemistry</i> , 2012 , 51, 4679-88	5.1	63
259	Lone pair effect in thallium(I) macrocyclic compounds. <i>Inorganic Chemistry</i> , 2005 , 44, 6240-3	5.1	63
258	High-Throughput Fabrication of Au/Cu Nanoparticle Libraries by Combinatorial Sputtering in Ionic Liquids. <i>Advanced Functional Materials</i> , 2014 , 24, 2049-2056	15.6	61
257	Europium(III) Fluoride Nanoparticles from Ionic Liquids: Structural, Morphological, and Luminescent Properties. <i>Crystal Growth and Design</i> , 2011 , 11, 1040-1048	3.5	61
256	Homoleptic alkaline earth metal bis(trifluoromethanesulfonyl)imide complex compounds obtained from an ionic liquid. <i>Inorganic Chemistry</i> , 2006 , 45, 3249-55	5.1	61
255	Recent trends in binary and ternary rare-earth fluoride nanophosphors: How structural and physical properties influence optical behavior. <i>Journal of Luminescence</i> , 2017 , 189, 44-63	3.8	60
254	Ultrasound-assisted synthesis of mesoporous Ni(OH) ₂ and NiO nano-sheets using ionic liquids. <i>Journal of Materials Chemistry</i> , 2012 , 22, 18252		60
253	Strong luminescence of rare earth compounds in ionic liquids: Luminescent properties of lanthanide(III) iodides in the ionic liquid 1-dodecyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide. <i>Journal of Alloys and Compounds</i> , 2006 , 418, 204-208	5.7	59
252	Low-temperature route to metal titanate perovskite nanoparticles for photocatalytic applications. <i>Applied Catalysis B: Environmental</i> , 2015 , 178, 20-28	21.8	58
251	Ionic liquids for the synthesis of metal nanoparticles. <i>Physica Status Solidi (B): Basic Research</i> , 2013 , 250, 1152-1164	1.3	57
250	Unusual electronic and bonding properties of the Zintl phase Ca ₅ Ge ₃ and related compounds. A theoretical analysis. <i>Journal of the American Chemical Society</i> , 2004 , 126, 5277-81	16.4	56
249	Efficient quantum cutting in hexagonal NaGdF ₄ :Eu ³⁺ nanorods. <i>Journal of Materials Chemistry</i> , 2011 , 21, 8640		55
248	Europium-basierte ionische Flüssigkeiten als lumineszierende weiche Materialien. <i>Angewandte Chemie</i> , 2008 , 120, 7743-7746	3.6	51
247	Dysprosium-Based Ionic Liquid Crystals: Thermal, Structural, Photo- and Magnetophysical Properties. <i>Crystal Growth and Design</i> , 2009 , 9, 4429-4437	3.5	50
246	Rare earth metal-containing ionic liquids. <i>Coordination Chemistry Reviews</i> , 2018 , 363, 1-16	23.2	48
245	Bis-cationic ionic liquid crystals. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 458-473	7.1	48

244	Bei Raumtemperatur flüssige ionische Verbindungen auf Dysprosium-Basis mit starker Lumineszenz und Reaktion auf magnetische Felder. <i>Angewandte Chemie</i> , 2008 , 120, 7747-7750	3.6	46
243	Easy access to ultra long-time stable, luminescent europium(II) fluoride nanoparticles in ionic liquids. <i>Chemical Communications</i> , 2010 , 46, 4393-5	5.8	45
242	Charge compensation in RE ³⁺ (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. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9439-9450	7.1	44
241	Mild yet phase-selective preparation of TiO ₂ nanoparticles from ionic liquids—a critical study. <i>Nanoscale</i> , 2013 , 5, 8045-55	7.7	44
240	Small nickel nanoparticle arrays from long chain imidazolium ionic liquids. <i>Nanoscale</i> , 2014 , 6, 3367-75	7.7	43
239	Microwave-Assisted Synthesis of Perovskite SrSnO Nanocrystals in Ionic Liquids for Photocatalytic Applications. <i>Inorganic Chemistry</i> , 2017 , 56, 6920-6932	5.1	43
238	Ionic Liquid-Assisted Sonochemical Preparation of CeO ₂ Nanoparticles for CO Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 42-54	8.3	42
237	Crystal engineering in ionic liquids. The crystal structures of [Mppyr] ₃ [NdI ₆] and [Bmpyr] ₄ [NdI ₆][Tf ₂ N]. <i>Inorganic Chemistry</i> , 2006 , 45, 4874-6	5.1	42
236	The first homoleptic bis(trifluoromethanesulfonyl)amide complex compounds of trivalent f-elements. <i>Dalton Transactions</i> , 2006 , 1828-30	4.3	41
235	Cluster-type basic lanthanide iodides [M ₆ (μ ₆ -O)(μ ₃ -OH) ₈ (H ₂ O) ₂₄] ₈ (H ₂ O) ₈ (M = Nd, Eu, Tb, Dy). <i>Inorganic Chemistry</i> , 2006 , 45, 5162-6	5.1	41
234	Luminescence properties of a family of lanthanide metal-organic frameworks. <i>Microporous and Mesoporous Materials</i> , 2019 , 279, 400-406	5.3	41
233	Ultrasound-Assisted Synthesis of CuO Nanorods in a Neat Room-Temperature Ionic Liquid. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2765-2768	2.3	39
232	Sonochemical synthesis of 0D, 1D, and 2D zinc oxide nanostructures in ionic liquids and their photocatalytic activity. <i>ChemSusChem</i> , 2011 , 4, 1796-804	8.3	38
231	A Luminescent Ionic Liquid Crystal: [C ₁₂ mim] ₄ [EuBr ₆]Br. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 2172-02177	2.3	38
230	(1-Butyl-4-methyl-pyridinium)[Cu(SCN) ₂]: a coordination polymer and ionic liquid. <i>Chemistry - A European Journal</i> , 2014 , 20, 5338-45	4.8	37
229	Structures, electronic properties and solid state luminescence of Cu(I) iodide complexes with 2,9-dimethyl-1,10-phenanthroline and aliphatic aminomethylphosphines or triphenylphosphine. <i>Dalton Transactions</i> , 2011 , 40, 2459-68	4.3	37
228	Cesiumauride ammonia (1/1), CsAu.NH ₃ : a crystalline analogue to alkali metals dissolved in ammonia?. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 120-4	16.4	37
227	Sonochemical preparation of TiO ₂ nanoparticles in the ionic liquid 1-(3-hydroxypropyl)-3-methylimidazolium-bis(trifluoromethylsulfonyl)amide. <i>Materials Chemistry and Physics</i> , 2010 , 120, 109-113	4.4	36

226	Scrutinizing Design Principles toward Efficient, Long-Term Stable Green Light-Emitting Electrochemical Cells. <i>Advanced Functional Materials</i> , 2017 , 27, 1605588	15.6	35
225	Thallium Halides [New Aspects of the Stereochemical Activity of Electron Lone Pairs of Heavier Main-Group Elements. <i>European Journal of Inorganic Chemistry</i> , 2007 , 2007, 882-890	2.3	35
224	Rare-earth iodides in ionic liquids: the crystal structure of [SEt ₃] ₃ [LnI ₆] (Ln = Nd, Sm). <i>Inorganic Chemistry</i> , 2005 , 44, 8168-9	5.1	35
223	Rare-earth iodides in ionic liquids: Crystal structures of [bmpyr] ₄ [LnI ₆][Tf ₂ N] (Ln = La, Er). <i>Journal of Alloys and Compounds</i> , 2006 , 418, 122-127	5.7	35
222	Reaching quantum yields >>100% in nanomaterials. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1862	7.1	34
221	Terbium Diketonate Based Highly Luminescent Soft Materials. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2769-2775	2.3	34
220	The quadrupole moment of the 3/2+ nuclear ground state of ¹⁹⁷ Au from electric field gradient relativistic coupled cluster and density-functional theory of small molecules and the solid state. <i>Journal of Chemical Physics</i> , 2005 , 122, 124317	3.9	34
219	The Octanuclear Europium Cluster [bmpyr] ₆ [Eu ₈ (μ-O)(μ-OH) ₁₂ (μ-OTf) ₁₄ (μ-Tf) ₂](HOTf) _{1.5} Obtained from the Ionic Liquid [bmpyr][OTf]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 1956-1958	1.3	34
218	On the Mesophase Formation of 1,3-Dialkylimidazolium Ionic Liquids. <i>Crystal Growth and Design</i> , 2013 , 13, 3068-3077	3.5	33
217	[Ni(tmen)(acac)][B(Ph) ₄] a probe for the anion basicity of ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 4005-11	3.6	33
216	Luminescence properties of mechanochemically synthesized lanthanide containing MIL-78 MOFs. <i>Dalton Transactions</i> , 2018 , 47, 7594-7601	4.3	32
215	Switchable Green and White Luminescence in Terbium-Based Ionic Liquid Crystals. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3207-3213	2.3	31
214	Ionic-Liquid-Assisted Microwave Synthesis of Solid Solutions of Sr Ba SnO Perovskite for Photocatalytic Applications. <i>ChemSusChem</i> , 2017 , 10, 3387-3401	8.3	30
213	Mercuric ionic liquids: [C(n)mim][HgX ₃], where n = 3, 4 and X = Cl, Br. <i>Inorganic Chemistry</i> , 2012 , 51, 193-200	5.1	30
212	Iodine-iodine bonding makes tetra(diiodine)chloride, [Cl(I ₂) ₄]-, planar. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12732-5	16.4	30
211	Ionic liquids with perfluorinated alkoxyaluminates. <i>Inorganic Chemistry</i> , 2007 , 46, 10938-40	5.1	30
210	Improving the zT value of thermoelectrics by nanostructuring: tuning the nanoparticle morphology of SbTe by using ionic liquids. <i>Dalton Transactions</i> , 2017 , 46, 656-668	4.3	29
209	Highly luminescent and color-tunable salicylate ionic liquids. <i>Chemistry - A European Journal</i> , 2014 , 20, 4704-12	4.8	29

208	Phosphate protected fluoride nano-phosphors. <i>Journal of Materials Chemistry</i> , 2012 , 22, 9505		29
207	The First Homoleptic Bis(trifluoromethanesulfonyl)amide Complex of Yttrium: [bmim][Y(Tf ₂ N) ₄]. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008 , 634, 938-940	1.3	29
206	Base-Induced Disproportionation of Elemental Gold The authors are grateful to the Fonds der Chemischen Industrie for their financial support. A.-V. M. thanks the Studienstiftung der Hoechst AG, as well as the Ev. Studienwerk Villigst e.V. for their support. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 3066-3067	16.4	29
205	New triazolium based ionic liquid crystals. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 7976	7.1	28
204	Facile, environmentally friendly fabrication of porous silver monoliths using the ionic liquid N-(2-hydroxyethyl)ammonium formate. <i>Chemical Communications</i> , 2009 , 301-3	5.8	28
203	Lanthanide Containing Ionic Liquid Crystals: EuBr ₂ , SmBr ₃ , TbBr ₃ and DyBr ₃ in C ₁₂ mimBr'. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2010 , 636, 1726-1734	1.3	28
202	Mixed Valent Gold Oxides: Syntheses, Structures, and Properties of Rb ₅ Au ₃ O ₂ , Rb ₇ Au ₅ O ₂ , and Cs ₇ Au ₅ O ₂ . <i>Journal of Solid State Chemistry</i> , 2000 , 155, 29-36	3.3	28
201	Record figure of merit values of highly stoichiometric Sb ₂ Te ₃ porous bulk synthesized from tailor-made molecular precursors in ionic liquids. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 10375-10380	7.1	27
200	Phase selective synthesis of quantum cutting nanophosphors and the observation of a spontaneous room temperature phase transition. <i>Nanoscale</i> , 2016 , 8, 8160-9	7.7	27
199	Luminescent Soft Material: Two New Europium-Based Ionic Liquids. <i>Helvetica Chimica Acta</i> , 2009 , 92, 2375-2386	2	27
198	Das Nichtkoordinierende Anion Tf ₂ N ⁻ koordiniert an Yb ²⁺ : ein strukturell charakterisierter Tf ₂ N ⁻ Komplex aus der ionischen Flüssigkeit [mppy ⁺][Tf ₂ N ⁻]. <i>Angewandte Chemie</i> , 2005 , 117, 5621-5624	3.6	26
197	Lanthanoid-based ionic liquids incorporating the dicyanonitrosomethanide anion. <i>Chemistry - A European Journal</i> , 2012 , 18, 9580-9	4.8	25
196	Yttrium(III) oxomolybdates(VI) as potential host materials for luminescence applications: an investigation of Eu ³⁺ -doped Y ₂ [MoO ₄] ₃ and Y ₂ [MoO ₄] ₂ [Mo ₂ O ₇]. <i>New Journal of Chemistry</i> , 2013 , 37, 1919	3.6	25
195	Ionic liquid-based synthesis--a low-temperature route to nanophosphates. <i>ChemSusChem</i> , 2011 , 4, 595-88.3		25
194	One-Pot Synthesis of Luminescent Polymer-Nanoparticle Composites from Task-Specific Ionic Liquids. <i>Advanced Functional Materials</i> , 2013 , 23, 2924-2931	15.6	24
193	Triazolium based ionic liquid crystals: effect of asymmetric substitution. <i>RSC Advances</i> , 2015 , 5, 16886-16896	5.9	24
192	Structural and Thermal Behaviour of the Pyrrolidinium Based Ionic Liquid Crystals [C ₁₀ mpyr]Br and [C ₁₂ mpyr]Br. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009 , 635, 2214-2221	1.3	24
191	Structural and Electrochemical Properties of YbIII in Various Ionic Liquids. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4933-4937	2.3	24

190	Cation-Poor Complex Metallic Alloys in Ba(Eu)-Au-Al(Ga) Systems: Identifying the Keys that Control Structural Arrangements and Atom Distributions at the Atomic Level. <i>Inorganic Chemistry</i> , 2015 , 54, 10296-308 ^{5.1} ²³	5.1	23
189	Synthesis of bimetallic nanoparticles in ionic liquids: Chemical routes vs physical vapor deposition. <i>Microelectronic Engineering</i> , 2013 , 107, 229-232	2.5	23
188	Melting point suppression in new lanthanoid(III) ionic liquids by trapping of kinetic polymorphs: an in situ synchrotron powder diffraction study. <i>Chemical Communications</i> , 2012 , 48, 124-6	5.8	23
187	Ionothermal Synthesis of the First Luminescent Open-Framework Manganese Borophosphate with Switchable Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 3032-3038	2.3	23
186	Cesiumauride Ammonia (1/1), CsAu ⁺ NH ₃ ⁻ : A Crystalline Analogue to Alkali Metals Dissolved in Ammonia?. <i>Angewandte Chemie</i> , 2002 , 114, 128-132	3.6	23
185	Praseodymium diiodide, PrI ₂ , revisited by synthesis, structure determination and theory. <i>Journal of Alloys and Compounds</i> , 2004 , 380, 211-218	5.7	23
184	Baseninduzierte Disproportionierung von elementarem Gold. <i>Angewandte Chemie</i> , 2000 , 112, 3194-3196 ^{5.6}	5.6	23
183	Valence compounds versus metals. Synthesis, characterization, and electronic structures of cubic Ae(4)Pn(3) phases in the systems Ae = Ca, Sr, Ba, Eu; Pn = As, Sb, Bi. <i>Inorganic Chemistry</i> , 2003 , 42, 6940-5 ^{5.1}	5.1	22
182	Magnetocaloric Behavior in Ternary Europium Indides EuT ₅ In: Probing the Design Capability of First-Principles-Based Methods on the Multifaceted Magnetic Materials. <i>Chemistry of Materials</i> , 2017 , 29, 2599-2614	9.6	20
181	Quantum cutting in nanoparticles producing two green photons. <i>Chemical Communications</i> , 2014 , 50, 13282-4	5.8	20
180	Highly luminescent salts containing well-shielded lanthanide-centered complex anions and bulky imidazolium counteranions. <i>Inorganic Chemistry</i> , 2014 , 53, 9027-35	5.1	20
179	Interface-assisted ionothermal synthesis, phase tuning, surface modification and bioapplication of Ln-doped NaGdF nanocrystals. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 179-185	7.3	20
178	Optical basicity of ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 7056-63	3.6	20
177	Crystal structure and bonding in BaAu ₅ Ga ₂ and AeAu _{4+x} Ga _{3-x} (Ae = Ba and Eu): hexagonal diamond-type Au frameworks and remarkable cation/anion partitioning in the Ae-Au-Ga systems. <i>Inorganic Chemistry</i> , 2015 , 54, 1010-8	5.1	19
176	A Systematic Study on the Mesomorphic Behavior of Asymmetrical 1-Alkyl-3-dodecylimidazolium Bromides. <i>Crystal Growth and Design</i> , 2014 , 14, 1561-1571	3.5	19
175	Ionothermal synthesis of open-framework metal phosphates with a Kagom lattice network exhibiting canted anti-ferromagnetism Electronic supplementary information (ESI) available: Cif files, atomic parameters, X-ray diffraction patterns, IR spectra, TG curves, and thermal ellipsoid plot and atomic label schemes of compound – See DOI: 10.1039/c4tc00290c Click here for additional data	7.1	19
174	Influence of the Counteranion on the Ability of 1-Dodecyl-3-methyltriazolium Ionic Liquids to Form Mesophases. <i>Crystal Growth and Design</i> , 2015 , 15, 752-758	3.5	19
173	Green-yellow emitting hybrid light emitting electrochemical cell. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12062-12068	7.1	18

172	From the Ternary Eu(Au/In) ₂ and EuAu ₄ (Au/In) ₂ with Remarkable Au/In Distributions to a New Structure Type: The Gold-Rich Eu ₅ Au ₁₆ (Au/In) ₆ Structure. <i>Inorganic Chemistry</i> , 2015 , 54, 8187-96	5.1	18
171	A roadmap to uranium ionic liquids: anti-crystal engineering. <i>Chemistry - A European Journal</i> , 2014 , 20, 6482-93	4.8	18
170	Silica ionogels synthesized with imidazolium based ionic liquids in presence of supercritical CO ₂ . <i>Journal of Supercritical Fluids</i> , 2015 , 105, 60-65	4.2	18
169	Ionic liquid assisted microwave synthesis route towards color-tunable luminescence of lanthanide-doped BiPO ₄ . <i>Journal of Luminescence</i> , 2016 , 170, 641-647	3.8	17
168	Sonochemical synthesis of highly luminescent Ln ₂ O ₃ :Eu ³⁺ (Y, La, Gd) nanocrystals. <i>Journal of Luminescence</i> , 2016 , 169, 587-593	3.8	17
167	Gold-rich R ₃ Au ₇ Sn ₃ : establishing the interdependence between electronic features and physical properties. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8311-8321	7.1	17
166	Gold Polar Intermetallics: Structural Versatility through Exclusive Bonding Motifs. <i>Accounts of Chemical Research</i> , 2017 , 50, 2633-2641	24.3	17
165	Iod-Iod-Bindungen machen Tetra(diiod)chlorid, [Cl(I ₂) ₄] ⁺ planar. <i>Angewandte Chemie</i> , 2013 , 125, 12965-12968	3.6	17
164	Solution-based synthesis of GeTe octahedra at low temperature. <i>Inorganic Chemistry</i> , 2013 , 52, 14326-33	3.1	17
163	Azobenzene-Based Organic Salts with Ionic Liquid and Liquid Crystalline Properties. <i>Crystal Growth and Design</i> , 2015 , 15, 4701-4712	3.5	16
162	Highly doped alkaline earth nanofluorides synthesized from ionic liquids. <i>Optical Materials</i> , 2011 , 34, 336-340	3.3	16
161	Optical spectroscopy and ionic liquids. <i>Topics in Current Chemistry</i> , 2010 , 290, 285-310		16
160	Nanoparticle Synthesis in Ionic Liquids. <i>ACS Symposium Series</i> , 2010 , 177-188	0.4	16
159	Controllable synthesis of nanoscale YPO ₄ :Eu ³⁺ in ionic liquid. <i>Journal of Luminescence</i> , 2016 , 169, 868-873	3.3	15
158	Long term stable deep red light-emitting electrochemical cells based on an emissive, rigid cationic Ir(III) complex. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 3049-3055	7.1	15
157	Breaking the paradigm: record quindecim charged magnetic ionic liquids. <i>Materials Horizons</i> , 2017 , 4, 217-221	14.4	15
156	Size of the rare-earth ions: a key factor in phase tuning and morphology control of binary and ternary rare-earth fluoride materials. <i>RSC Advances</i> , 2017 , 7, 33467-33476	3.7	15
155	Energy efficient microwave synthesis of mesoporous Ce _{0.5} MO _{0.5} O ₂ (Ti, Zr, Hf) nanoparticles for low temperature CO oxidation in an ionic liquid & comparative study. <i>New Journal of Chemistry</i> , 2015 , 39, 1339-1347	3.6	15

154	Crystalline and Liquid Crystalline Organic/Inorganic Hybrid Salts with Cation-Sensitized Hexanuclear Molybdenum Cluster Complex Anion Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 4089-4095	2.3	15
153	(CrCl ₃) ₃ @2[C ₄ mim][OMe]-molecular cluster-type chromium(III) chloride stabilized in a salt matrix. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10068-9	16.4	15
152	Seven-coordinate ruthenium atoms sequestered in praseodymium clusters in the chloride {RuPr ₃ }Cl ₃ . <i>Inorganic Chemistry</i> , 2008 , 47, 7954-6	5.1	15
151	Importance of cations in the properties of Zintl phases: the electronic structure of and bonding in metallic Na ₆ TlSb ₄ . <i>Inorganic Chemistry</i> , 2005 , 44, 5636-40	5.1	15
150	Sustainable Urban Mining of Critical Elements from Magnet and Electronic Wastes. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 1455-1463	8.3	15
149	Room temperature synthesis of NaGdF ₄ : RE ³⁺ (RE= Eu, Er) nanocrystallites and their luminescence. <i>Journal of Luminescence</i> , 2017 , 189, 91-98	3.8	14
148	Open-Framework Manganese(II) and Cobalt(II) Borophosphates with Helical Chains: Structures, Magnetic, and Luminescent Properties. <i>Inorganic Chemistry</i> , 2017 , 56, 11104-11112	5.1	14
147	Design of LaPO ₄ :Nd ³⁺ materials by using ionic liquids. <i>Optical Materials</i> , 2017 , 63, 76-87	3.3	14
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