

Claus Feldmann

List of Publications by Year in Descending Order

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Version: 2024-04-09

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

295
papers

9,596
citations

46
h-index

88
g-index

346
ext. papers

10,391
ext. citations

5.9
avg, IF

6.68
L-index

#	Paper	IF	Citations
295	Room-Temperature Synthesis of [BMIm][SnOCl] with (SnOCl) Strands in a Saline [BMIm][SnCl] Matrix.. <i>Inorganic Chemistry</i> , 2022 , 61, 4018-4023	5.1	1
294	Systematic Analysis of Composition, Interfacial Performance and Effects of Pulmonary Surfactant Preparations on Cellular Uptake and Cytotoxicity of Aerosolized Nanomaterials. <i>Small Science</i> , 2021 , 1, 2100067	3	
293	Insights into the naphthalenide-driven synthesis and reactivity of zerovalent iron nanoparticles. <i>Dalton Transactions</i> , 2021 , 50, 16343-16352	4.3	0
292	GaSeClO: A Molecular Compound with Very Strong SHG Effect. <i>Inorganic Chemistry</i> , 2021 , 60, 15653-15658	3	
291	Pyridine-based Liquid-Phase Synthesis of Crystalline TiN and ZnSiN Nanoparticles. <i>ChemistryOpen</i> , 2021 , 10, 334-339	2.3	1
290	Aqueous Conversion of Fructose Phosphate Precursor Nanoparticles into Emissive C-Dot Composite Nanoparticles. <i>ChemNanoMat</i> , 2021 , 7, 916-926	3.5	
289	Spray-dried lactose-leucine microparticles for pulmonary delivery of antimycobacterial nanopharmaceuticals. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1766-1778	6.2	2
288	Liquid-Phase Synthesis of Highly Reactive Rare-Earth Metal Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17373-17377	16.4	6
287	Liquid-Phase Synthesis of Highly Reactive Rare-Earth Metal Nanoparticles. <i>Angewandte Chemie</i> , 2021 , 133, 17513-17517	3.6	
286	Controlling morphology and crystal structure of tungsten nitride nanomaterials. <i>Microscopy and Microanalysis</i> , 2021 , 27, 674-677	0.5	
285	Ge-Fe Carbonyl Cluster Compounds: Ionic Liquids-Based Synthesis, Structures, and Properties. <i>ChemistryOpen</i> , 2021 , 10, 171-180	2.3	1
284	Transport of Lipophilic Anti-Tuberculosis Drug Benzothiazone-043 in Ca ₃ (PO ₄) ₂ Nanocontainers. <i>ChemNanoMat</i> , 2021 , 7, 7-16	3.5	1
283	Liquid-phase synthesis of highly oxophilic zerovalent niobium and tantalum nanoparticles. <i>Chemical Communications</i> , 2021 , 57, 3648-3651	5.8	2
282	18-Crown-6 Coordinated Metal Halides with Bright Luminescence and Nonlinear Optical Effects. <i>Journal of the American Chemical Society</i> , 2021 , 143, 798-804	16.4	17
281	Synthesis, structure, and photoluminescence of the chloridoaluminates [BMIm][Sn(AlCl) ₄], [BMPyr][Sn(AlCl) ₄], and [BMIm][Pb(AlCl) ₄]. <i>Dalton Transactions</i> , 2021 , 50, 8549-8557	4.3	1
280	Impact of synthesis conditions on the morphology and crystal structure of tungsten nitride nanomaterials.. <i>RSC Advances</i> , 2021 , 11, 28198-28210	3.7	0
279	Catalytic CO Oxidation and H ₂ O ₂ Direct Synthesis over Pd and Pt-Impregnated Titania Nanotubes. <i>Catalysts</i> , 2021 , 11, 949	4	0

278	Insights of the Structure and Luminescence of Mn/Sn-Containing Crown-Ether Coordination Compounds. <i>Inorganic Chemistry</i> , 2021 , 60, 14645-14654	5.1	1
277	NaCl-template-based synthesis of TiO-Pd/Pt hollow nanospheres for HO direct synthesis and CO oxidation. <i>Nanoscale</i> , 2021 , 13, 2005-2011	7.7	3
276	Halogenated Terephthalic Acid "Antenna Effects" in Lanthanide-SURMOF Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 52166-52174	9.5	10
275	SURMOF Devices Based on Heteroepitaxial Architectures with White-Light Emission and Luminescent Thermal-Dependent Performance. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000929	4.6	9
274	Facet-, composition- and wavelength-dependent photocatalysis of AgMoO ₃ . <i>RSC Advances</i> , 2020 , 10, 18377-18383	3.7	9
273	Glucocorticoids delivered by inorganic-organic hybrid nanoparticles mitigate acute graft-versus-host disease and sustain graft-versus-leukemia activity. <i>European Journal of Immunology</i> , 2020 , 50, 1220-1233	6.1	3
272	[SnI ₈ {Fe(CO) ₄ } ₄] ²⁺ : eine hochkoordinierte Sn+III ₈ -Baueinheit mit fragilen Carbonylklammern. <i>Angewandte Chemie</i> , 2020 , 132, 5552-5556	3.6	1
271	Ionic-liquid-based synthesis of GaN nanoparticles. <i>Chemical Communications</i> , 2020 , 56, 2312-2315	5.8	10
270	Structural Properties and ELNES of Polycrystalline and Nanoporous MgN. <i>Microscopy and Microanalysis</i> , 2020 , 26, 102-111	0.5	1
269	Multimodal X-ray imaging of nanocontainer-treated macrophages and calcium distribution in the perilacunar bone matrix. <i>Scientific Reports</i> , 2020 , 10, 1784	4.9	5
268	Highly selective organ distribution and cellular uptake of inorganic-organic hybrid nanoparticles customized for the targeted delivery of glucocorticoids. <i>Journal of Controlled Release</i> , 2020 , 319, 360-370 ^{11,7}	4	
267	[SnI {Fe(CO) }] : Highly Coordinated Sn I Subunit with Fragile Carbonyl Clips. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5510-5514	16.4	8
266	[BMIm][Mn(CO)(Gel)]: Carbonyl Compound with an {MnGe} Cluster Unit. <i>Inorganic Chemistry</i> , 2020 , 59, 12895-12902	5.1	1
265	One-Pot Synthesis of Reactive Base Metal Nanoparticles in Multifunctional Pyridine. <i>ACS Omega</i> , 2019 , 4, 7096-7102	3.9	7
264	[Pb{Mn(CO)}][AlCl]: a lead-manganese carbonyl with AlCl-linked PbMn clusters. <i>Dalton Transactions</i> , 2019 , 48, 4696-4701	4.3	10
263	Innenräktitelbild: Synthese von Samarium-Polyarseniden aus nanoskaligem Arsen (Angew. Chem. 13/2019). <i>Angewandte Chemie</i> , 2019 , 131, 4457-4457	3.6	
262	YAlO ₃ :Ce nanoparticles made by ionic-liquid-assisted particle formation and LiCl-matrix-treated crystallization.. <i>RSC Advances</i> , 2019 , 9, 10195-10200	3.7	8
261	Synthese von Samarium-Polyarseniden aus nanoskaligem Arsen. <i>Angewandte Chemie</i> , 2019 , 131, 4430-4434 ³³	5	

260	Fluorescence-based histamine sensing with inorganic-organic hybrid nanoparticles. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 3543-3552	7.1	10
259	The Bromine-Rich Bromido Metallates $[BmIm]_2[SnBr_6]_2(Br_2)$ and $[MnBr(18\text{-crown}\text{-}6)]_4[SnBr_6]_2(Br_2)_4$. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1292-1298	2.3	10
258	Eu _n WO with Morphology-Controlled Synthesis and Facet-Depending Photocatalysis. <i>ACS Omega</i> , 2019 , 4, 13400-13407	3.9	9
257	Tunable Emission in Heteroepitaxial Ln-SURMOFs. <i>Advanced Functional Materials</i> , 2019 , 29, 1903086	15.6	28
256	Ionic-liquid-based synthesis of tellurium-rhenium carbonyls with specific reaction control. <i>Dalton Transactions</i> , 2019 , 48, 15521-15528	4.3	3
255	Zirconyl Hydrogenphosphate Nanocontainers for Flexible Transport and Release of Lipophilic Cytostatics, Insecticides, and Antibiotics. <i>Advanced Functional Materials</i> , 2019 , 29, 1900543	15.6	4
254	Lithiumpyridinyl-Driven Synthesis of High-Purity Zero-Valent Iron Nanoparticles and Their Use in Follow-Up Reactions. <i>Small</i> , 2019 , 15, e1902321	11	8
253	Reactivity of ZrO(MFP) and ZrO(RP) Nanoparticles with LnCl for Solvatochromic Luminescence Modification and pH-Dependent Optical Sensing. <i>Chemistry - A European Journal</i> , 2019 , 25, 16630	4.8	2
252	Intrapore-Texturized Vanadia-Hydrate Supercapacitor with Ultrahigh Area-Normalized Capacitance. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019 , 216, 1900558	1.6	3
251	Polyol-Mediated Synthesis of Nitrogen-Containing Carbon-Dots from Tetracyanobenzene with Intense Red Fluorescence. <i>Nanomaterials</i> , 2019 , 9,	5.4	1
250	Anti-Tumor Activity of Doxorubicin-loaded Boehmite Nanocontainers. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 1372-1378	1.3	0
249	Samarium Polyarsenides Derived from Nanoscale Arsenic. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 4386-4389	16.4	21
248	Fluorescent Inorganic-Organic Hybrid Nanoparticles. <i>ChemNanoMat</i> , 2019 , 5, 24-45	3.5	9
247	Recyclable cobalt(0) nanoparticle catalysts for hydrogenations. <i>Catalysis Science and Technology</i> , 2018 , 8, 2648-2653	5.5	22
246	Samarium Polystibides Derived from Highly Activated Nanoscale Antimony. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 5912-5916	16.4	29
245	Au@Nb@H KNbO nanopeapods with near-infrared active plasmonic hot-electron injection for water splitting. <i>Nature Communications</i> , 2018 , 9, 232	17.4	36
244	Ionic-Liquid-Based Synthesis of the Bromine-Rich Bromidoplatinates $[Nb_3Me]_2[Pt_2Br_{10}](Br_2)_2$ and $[Nb_3Me]_2[Pt_2Br_{10}](Br_2)_3$. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 275-279	1.3	23
243	Saline hybrid nanoparticles with phthalocyanine and tetraphenylporphine anions showing efficient singlet-oxygen production and photocatalysis. <i>Chemical Communications</i> , 2018 , 54, 1245-1248	5.8	10

242	Ge{Fe(CO)} ₃ : a germanium-iron cluster with Ge, Ge and Ge units. <i>Chemical Communications</i> , 2018 , 54, 1217-1220	5.8	10
241	Molekulare Samariumpolystibide aus aktiviertem Antimon. <i>Angewandte Chemie</i> , 2018 , 130, 6015-6019	3.6	8
240	The mixed valence iodine chlorides [PCl ₄] ₂ [ICl ₂][ICl ₄] and [BnMe ₃ N] ₂ [I ₂ Cl ₃][ICl ₄]. <i>Journal of Molecular Structure</i> , 2018 , 1166, 159-163	3.4	4
239	Liquid-ammonia synthesis of microporous Mg ₃ N ₂ showing intense red-light emission. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 4450-4456	7.1	7
238	Pyridine-based low-temperature synthesis of CoN, NiN and CuN nanoparticles. <i>Chemical Communications</i> , 2018 , 54, 9957-9960	5.8	9
237	Intensely Photoluminescent Diamidophosphines of the Alkaline-Earth Metals, Aluminum, and Zinc. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 14265-14269	16.4	18
236	Photolumineszierende Diamidophosphankomplexe der Erdalkalimetalle, des Aluminiums und des Zinks. <i>Angewandte Chemie</i> , 2018 , 130, 14461-14465	3.6	3
235	Zirconyl Clindamycinphosphate Antibiotic Nanocarriers for Targeting Intracellular Persisting. <i>ACS Omega</i> , 2018 , 3, 8589-8594	3.9	6
234	Fluorescent Sulfonate-Based Inorganic-Organic Hybrid Nanoparticles for Staining and Imaging. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2818-2828	6.3	2
233	Exploiting Synergies in Catalysis and Gas Sensing using Noble Metal-Loaded Oxide Composites. <i>ChemCatChem</i> , 2018 , 10, 864-880	5.2	39
232	Therapeutic Fluorescent Hybrid Nanoparticles for Traceable Delivery of Glucocorticoids to Inflammatory Sites. <i>Theranostics</i> , 2018 , 8, 6367-6383	12.1	16
231	Liquid-Phase Synthesis of Base Metal Nanoparticles. <i>Chemie-Ingenieur-Technik</i> , 2018 , 90, 427-435	0.8	3
230	Gd ₄₃ +[AlPCS ₄] ₃₄ Nanoagent Generating 1O ₂ for Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1801074	15.6	19
229	Synthesis and Morphology of AgReO ₄ Plates, Rods, and Stars. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 789-792	1.3	1
228	Microemulsion-made gadolinium carbonate hollow nanospheres showing magnetothermal heating and drug release. <i>Nanoscale</i> , 2017 , 9, 8362-8372	7.7	9
227	Surfactant-free synthesis of sub-stoichiometry tungsten oxide nanoparticles and their use as anode buffer layers in organic solar cells. <i>Solid State Sciences</i> , 2017 , 69, 50-55	3.4	5
226	Multimodal [GdO]+[ICG] Nanoparticles for Optical, Photoacoustic, and Magnetic Resonance Imaging. <i>Chemistry of Materials</i> , 2017 , 29, 3547-3554	9.6	24
225	Bimetallic Nickel-Iridium and Nickel-Osmium Alloy Nanoparticles and Their Catalytic Performance in Hydrogenation Reactions. <i>ChemCatChem</i> , 2017 , 9, 3534-3543	5.2	18

224	Targeted delivery of glucocorticoids to macrophages in a mouse model of multiple sclerosis using inorganic-organic hybrid nanoparticles. <i>Journal of Controlled Release</i> , 2017 , 245, 157-169	11.7	38
223	Ionic-Liquid-Based Synthesis of the Germanium-Iron Carbonyls FeI4[Gel3Fe(CO)3]2 and (Gel3)2Fe(CO)4. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 25-30	1.3	6
222	One-Pot Photoinitiated Synthesis and Phase-Transfer Separation of Bismuth Nanoparticles. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 2045-2049	1.3	4
221	Microemulsion-made Magnesium Carbonate Hollow Nanospheres. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017 , 643, 1491-1496	1.3	2
220	A highly luminescent octanuclear gold(i) carbide cluster. <i>Chemical Communications</i> , 2017 , 53, 9012-9015	5.8	9
219	Comparison of the Catalytic Performance and Carbon Monoxide Sensing Behavior of Pd-SnO2 Core@Shell Nanocomposites. <i>ChemCatChem</i> , 2017 , 9, 407-413	5.2	12
218	Comparing the luminescence processes of YVO4:Eu and core-shell YVO4@YF3 nanocrystals with bulk-YVO4:Eu. <i>Physica B: Condensed Matter</i> , 2017 , 504, 80-85	2.8	23
217	Nanosized Gadolinium and Uranium-Two Representatives of High-Reactivity Lanthanide and Actinide Metal Nanoparticles. <i>ACS Omega</i> , 2017 , 2, 9144-9149	3.9	11
216	White light emission and temperature dependent chromaticity shifts by modification of luminescent ZrO(FMN) nanoparticles with rare earth halides. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 7735-7743	7.1	2
215	Zirconyl acetaminophen phosphate: A nanoscaled analgetic with very high drug load. <i>Journal of Colloid and Interface Science</i> , 2016 , 481, 69-74	9.3	6
214	Microemulsions: Options To Expand the Synthesis of Inorganic Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 15728-15752	16.4	54
213	Zn0@ZnS Core-Shell Nanoparticles via Oxidation of Intermediate Zn0 Nanoparticles. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 555-559	1.3	3
212	Bromine-rich Zinc Bromides: Zn6Br12(18-crown-6)2[Br2]5, Zn4Br8(18-crown-6)2[Br2]3, and Zn6Br12(18-crown-6)2[Br2]2. <i>Inorganic Chemistry</i> , 2016 , 55, 6141-7	5.1	42
211	Tin Tungstate Nanoparticles: A Photosensitizer for Photodynamic Tumor Therapy. <i>ACS Nano</i> , 2016 , 10, 3149-57	16.7	62
210	MnBr/[18-crown-6 coordination complexes showing high room temperature luminescence and quantum yield. <i>Dalton Transactions</i> , 2016 , 45, 6541-7	4.3	36
209	EuWO4 Photocatalyst with Controlled Morphological Transition of Cubes to Spikecubes. <i>ACS Catalysis</i> , 2016 , 6, 2357-2367	13.1	23
208	Microwave-Assisted Polyol Synthesis of Water Dispersible Red-Emitting Eu-Modified Carbon Dots. <i>Materials</i> , 2016 , 10,	3.5	13
207	Mikroemulsionen: neue Möglichkeiten zur Erweiterung der Synthese anorganischer Nanopartikel. <i>Angewandte Chemie</i> , 2016 , 128, 15958-15984	3.6	5

206	Ti(0) nanoparticles via lithium-naphthalenide-driven reduction. <i>Chemical Communications</i> , 2016 , 52, 6316-58	23
205	ZnO hollow nanospheres via Laux -like oxidation of Zn 0 nanoparticles. <i>Solid State Sciences</i> , 2016 , 55, 125-129	3.4 3
204	Selective separation of CO2/H4 mixed gases via magnesium aminoethylphosphonate nanoparticles. <i>RSC Advances</i> , 2016 , 6, 12446-12452	3.7 3
203	Energy transfer of the quantum-cutter couple Pr3+Mn2+ in CaF2:Pr3+, Mn2+ nanoparticles. <i>Journal of Luminescence</i> , 2016 , 179, 555-561	3.8 15
202	Ionic-liquid-assisted synthesis of the phosphorus interhalides [PBr][IBr] and [PBr][IBr]. <i>Dalton Transactions</i> , 2016 , 45, 16526-16532	4.3 12
201	Liquid-Crystalline Phases with Liquid Ammonia: Synthesis of Porous Si3N4, TiN, VN, and H2Sorption of Si3N4 and 3N4. <i>Chemistry of Materials</i> , 2016 , 28, 7816-7824	9.6 6
200	Organic melt, electrode, and CVD induced in situ deposition of luminescent lanthanide imidazolate MOFs on nanostructured alumina. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 237-245	6.8 11
199	Photoluminescent One-Dimensional Coordination Polymers from Suitable Pyridine Antenna and LnCl3 for Visible and Near-IR Emission. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 826-836	2.3 17
198	Bright luminescence in lanthanide coordination polymers with tetrafluoroterephthalate as a bridging ligand. <i>Dalton Transactions</i> , 2015 , 44, 6249-59	4.3 33
197	Polyol synthesis of nanoparticles: status and options regarding metals, oxides, chalcogenides, and non-metal elements. <i>Green Chemistry</i> , 2015 , 17, 4107-4132	10 248
196	Ultrafine MnWO4 nanoparticles and their magnetic properties. <i>Solid State Sciences</i> , 2015 , 46, 89-94	3.4 8
195	MOF based luminescence tuning and chemical/physical sensing. <i>Microporous and Mesoporous Materials</i> , 2015 , 216, 171-199	5.3 249
194	[{Pb6I8}{Mn(CO)5}6](2-): an octahedral (M6X8)-like cluster with inverted bonding. <i>Inorganic Chemistry</i> , 2015 , 54, 3989-94	5.1 13
193	Unexpected Fluorescence of Polyols and PEGylated Nanoparticles Derived from Carbon Dot Formation. <i>Particle and Particle Systems Characterization</i> , 2015 , 32, 467-475	3.1 18
192	KNO3: Synthesis and Structure of a New Modification of Potassium Nitrate. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 383-387	1.3 3
191	Isoniazid@Fe2O3-Nanocontainer mit antibakterieller Wirkung auf Tuberkulose-Mykobakterien. <i>Angewandte Chemie</i> , 2015 , 127, 12786-12791	3.6 9
190	Sodium-Naphthalenide-Driven Synthesis of Base-Metal Nanoparticles and Follow-up Reactions. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9866-70	16.4 38
189	Isoniazid@Fe2 O3 Nanocontainers and Their Antibacterial Effect on Tuberculosis Mycobacteria. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12597-601	16.4 25

188	Sodium-Naphthalenide-Driven Synthesis of Base-Metal Nanoparticles and Follow-up Reactions. <i>Angewandte Chemie</i> , 2015 , 127, 10004-10008	3.6	16
187	Microemulsion-based Synthesis of AgSCN Nanoparticles and Its Analogues. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 1510-1514	1.3	4
186	Multifunctional phosphate-based inorganic-organic hybrid nanoparticles. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7329-36	16.4	53
185	M3+[amaranth red]3 ⁻ (M = La, Gd): a novel sulfonate-based inorganic-organic hybrid nanomaterial for multimodal imaging. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3860-3868	7.1	5
184	A blue luminescent MOF as a rapid turn-off/turn-on detector for H ₂ O, O ₂ and CH ₂ Cl ₂ , MeCN: [Ce(Im)3ImH] ⁻ mH. <i>Dalton Transactions</i> , 2015 , 44, 4070-9	4.3	43
183	Microwave-assisted ionic-liquid-based synthesis of highly crystalline CaMoO ₄ :RE ³⁺ (RE = Tb, Sm, Eu) and Y ₂ Mo ₄ O ₁₅ :Eu ³⁺ nanoparticles. <i>Solid State Sciences</i> , 2015 , 41, 56-62	3.4	17
182	Barium peroxide nanoparticles: synthesis, characterization and their use for actuating the luminol chemiluminescence. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1513	7.1	7
181	Quantum-confined GaN nanoparticles synthesized via liquid-ammonia-in-oil-microemulsions. <i>Chemical Communications</i> , 2014 , 50, 2939-42	5.8	13
180	The chloridomolybdenum(III) cluster in [BmIm]4[AgMo ₁₀ Cl ₃₅] with infinite chains of Ag(+)-linked [Mo ₁₀ Cl ₃₅](5-) wheels. <i>Dalton Transactions</i> , 2014 , 43, 14109-13	4.3	3
179	Loading of ionic compounds into metal-organic frameworks: a joint theoretical and experimental study for the case of La ³⁺ . <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 17918-23	3.6	23
178	Polyol-mediated C-dot formation showing efficient Tb ³⁺ /Eu ³⁺ emission. <i>Chemical Communications</i> , 2014 , 50, 7503-6	5.8	40
177	In vitro fluorescence and phototoxicity of SnWO ₄ nanoparticles. <i>Chemical Communications</i> , 2014 , 50, 6600-3	5.8	7
176	X-Ray diffraction and SAED characterisations of RE ₄ O ₄ [PO ₄]Cl (RE = La, Pr, and Nd) and photoluminescence properties of Eu ³⁺ -doped La ₄ O ₄ [PO ₄]Cl. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 1131-1140	7.1	4
175	Tungsten nanoparticles from liquid-ammonia-based synthesis. <i>Chemical Communications</i> , 2014 , 50, 4547-50	3.6	
174	Colloidally stable selenium@copper selenide core@shell nanoparticles as selenium source for manufacturing of copper-indium-selenide solar cells. <i>Journal of Colloid and Interface Science</i> , 2014 , 415, 103-10	9.3	15
173	Polyol-mediated low-temperature synthesis of crystalline tungstate nanoparticles MWO ₄ (M = Mn, Fe, Co, Ni, Cu, Zn). <i>Solid State Sciences</i> , 2014 , 31, 62-69	3.4	50
172	[M(18-crown-6)X][N(Tf) ₂] (M: Zn, Co; X: I, N(Tf) ₂) with unusual crown-ether coordination. <i>Inorganica Chimica Acta</i> , 2014 , 415, 1-6	2.7	1
171	Polyol-mediated synthesis of Cu ₂ ZnSn(S,Se) ₄ kesterite nanoparticles and their use in thin-film solar cells. <i>Solid State Sciences</i> , 2014 , 29, 52-57	3.4	12

170	ZrO ₂ , CaCO ₃ , and Fe ₄ [Fe(CN) ₆] ₃ Hollow Nanospheres via Gelatin-stabilized Microemulsions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2014 , 640, 2669-2676	1.3	7
169	Fluorescent Nanoparticles 2014 , 33-51		
168	Pd@SnO ₂ and SnO ₂ @Pd Core@Shell Nanocomposite Sensors. <i>Particle and Particle Systems Characterization</i> , 2014 , 31, 591-596	3.1	22
167	Tb ₂ (bpdc)3 and Eu ₂ (bpdc)3 Nanoparticles (bpdc: 2,2'-Bipyridine-4,4'- dicarboxylate) and Their Luminescence. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014 , 69, 248-254	1	1
166	1,3-Thiazole as Suitable Antenna Ligand for Lanthanide Photoluminescence in [LnCl ₃ (thz)4][D ₅ thz], Ln = Sm, Eu, Gd, Tb, Dy. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2014 , 69, 255-262	1	6
165	Structure of hollow spheres analyzed by X-ray diffraction, transmission electron microscopy, and dynamic light scattering. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	4
164	Tungsten oxide buffer layers fabricated in an inert sol-gel process at room-temperature for blue organic light-emitting diodes. <i>Advanced Materials</i> , 2013 , 25, 4113-6	24	56
163	Nanoscale Ag ₂ S Hollow Spheres and Ag ₂ S Nanodiscs Assembled to Three-Dimensional Nanoparticle Superlattices. <i>Chemistry of Materials</i> , 2013 , 25, 4173-4180	9.6	26
162	Ammonia-in-oil-microemulsions and their application. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12443-7	16.4	27
161	The chain-like polynuclear coordination compounds (ZnBr ₂) _n (18-crown-6)2 (n = 4, 6, 8, 10) and [Zn ₅ Br ₉][N(Tf) ₂]. <i>Dalton Transactions</i> , 2013 , 42, 13487-94	4.3	5
160	Photochemical Synthesis of Particulate Main-Group Elements and Compounds. <i>Chemistry of Materials</i> , 2013 , 25, 202-209	9.6	11
159	p-DSSCs with BiOCl and BiOBr semiconductor and polybromide electrolyte. <i>Solid State Sciences</i> , 2013 , 19, 172-177	3.4	19
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