Klaus Mller-Buschbaum

List of Publications by Year in Descending Order

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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.

118 papers	3,669 citations	31 h-index	57 g-index
129 ext. papers	4,047 ext. citations	5.9 avg, IF	5.86 L-index

#	Paper	IF	Citations
118	Metal-Organic Framework MIL-68(In)-NH 2 on the Membrane Test Bench for Dye Removal and Carbon Capture. *Chemie-Ingenieur-Technik*, **2022**, 94, 135-144	0.8	0
117	Luminescent magnets: hybrid supraparticles of a lanthanide-based MOF and ferromagnetic iron oxide by assembly in a droplet via spray-drying. *Journal of Materials Chemistry C*, **2022**, 10, 1017-1028	7.1	3
116	Iodine Chemisorption, Interpenetration and Polycatenation: Cationic MOFs and CPs from Group 13 Metal Halides and Dipyridyl Linkers.. *Chemistry - A European Journal*, **2022**, e202200881	4.8	0
115	Red emitting Sm(II) phosphors: thermally switchable luminescence in Sm(AlX) (X = Cl, Br) by 5d-4f and intra-4f transitions. *Chemical Communications*, **2021**, 57, 11984-11987	5.8	0
114	Variable Luminescence and Chromaticity of Homoleptic Frameworks of the Lanthanides together with Pyridylpyrazolates. *Chemistry - A European Journal*, **2021**, 27, 16634-16641	4.8	3
113	2D-Coordination Polymers Constituted from Indium Halides and Dipyridyl N-Donor Ligands. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2021**, 647, 1227-1233	1.3	1
112	Phosphorescence Afterglow and Thermal Properties of [ScCl3(ptpy)] (ptpy: 4-phenyl-2,2′:6′,2″-terpyridine). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2021**, 647, 359-364	1.3	1
111	2- and 2,7-Substituted para-N-Methylpyridinium Pyrenes: Syntheses, Molecular and Electronic Structures, Photophysical, Electrochemical, and Spectroelectrochemical Properties and Binding to Double-Stranded (ds) DNA. *Chemistry - A European Journal*, **2021**, 27, 2837-2853	4.8	5
110	Crystal and electronic structure, thermochemical and photophysical properties of europium-silver sulfate monohydrate AgEu(SO4)2·H2O. *Journal of Solid State Chemistry*, **2021**, 294, 121898	3.3	2
109	Negative thermal expansion in one-dimension of a new double sulfate AgHo(SO4)2 with isolated SO4 tetrahedra. *Journal of Materials Science and Technology*, **2021**, 76, 111-121	9.1	20
108	Exploration of the structural, spectroscopic and thermal properties of double sulfate monohydrate NaSm(SO4)2·H2O and its thermal decomposition product NaSm(SO4)2. *Advanced Powder Technology*, **2021**, 32, 3943-3943	4.6	1
107	Characterization of copper complexes with derivatives of the ligand (2-aminoethyl)bis(2-pyridylmethyl)amine (uns-penp) and their reactivity towards oxygen. *Journal of Inorganic Biochemistry*, **2021**, 223, 111544	4.2	1
106	Statistic Replacement of Lanthanide Ions in Bis-salicylatoborate Coordination Polymers for the Deliberate Control of the Luminescence Chromaticity. *ChemistryOpen*, **2021**, 10, 164-170	2.3	
105	SURMOF Devices Based on Heteroepitaxial Architectures with White-Light Emission and Luminescent Thermal-Dependent Performance. *Advanced Materials Interfaces*, **2020**, 7, 2000929	4.6	9
104	From a 1D Sb Coordination Polymer to a 3D Sb Framework with Pyrazine: Switching off the Stereochemically Active Lone-Pair. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2020**, 646, 507-513	1.3	4
103	Group 13 Metal Halide Based Coordination Polymers of Al, Ga, In and 2,4,6-Tri(4-pyridyl)-1,3,5-triazine. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2020**, 646, 1555-1562	1.3	8
102	Similarities of Coordination Polymer and Dimeric Complex of Europium(III) with Joint and Separate Terpyridine and Benzoate. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2020**, 646, 1710-1714	1.3	3

101	Sb- and Bi-based coordination polymers with N-donor ligands with and without lone-pair effects and their photoluminescence properties. *Dalton Transactions*, **2020**, 49, 4904-4913	4.3	9
100	Comparison Study of the Site-Effect on Regioisomeric Pyridyl-Pyrene Conjugates: Synthesis, Structures, and Photophysical Properties. *Journal of Organic Chemistry*, **2020**, 85, 4256-4266	4.2	12
99	Combination of single-molecule magnet behaviour and luminescence properties in a new series of lanthanide complexes with tris(pyrazolyl)borate and oligo(β-diketonate) ligands. *Dalton Transactions*, **2020**, 49, 7774-7789	4.3	6
98	Structural diversity of salts of terpyridine derivatives with europium(III) located in both, cation and anion, in comparison to molecular complexes. *Zeitschrift Fur Kristallographie - Crystalline Materials*, **2020**, 235, 353-363	1	1
97	Synthesis and luminescence properties of β-NaRE0.95Eu0.05F4 (REY, Lu). *Journal of Industrial and Engineering Chemistry*, **2020**, 92, 218-225	6.3	3
96	An all white magnet by combination of electronic properties of a white light emitting MOF with strong magnetic particle systems. *Journal of Materials Chemistry C*, **2020**, 8, 16010-16017	7.1	7
95	Lanthanide complex entrapment for ratiometric luminescent pH and metal ion detection in solution and on film. *Optical Materials*, **2019**, 96, 109371	3.3	1
94	Sensors: Expanding the Horizon of Mechanochromic Detection by Luminescent Shear Stress Sensor Supraparticles (Adv. Funct. Mater. 19/2019). *Advanced Functional Materials*, **2019**, 29, 1970129	15.6	1
93	Expanding the Horizon of Mechanochromic Detection by Luminescent Shear Stress Sensor Supraparticles. *Advanced Functional Materials*, **2019**, 29, 1901193	15.6	21
92	Reactivity of ZrO(MFP) and ZrO(RP) Nanoparticles with LnCl for Solvatochromic Luminescence Modification and pH-Dependent Optical Sensing. *Chemistry - A European Journal*, **2019**, 25, 16630	4.8	2
91	Two Series of Lanthanide Coordination Polymers and Complexes with 4?-Phenylterpyridine and their Luminescence Properties. *European Journal of Inorganic Chemistry*, **2019**, 2019, 4564-4571	2.3	14
90	The crystal structure of the triclinic polymorph of 1,4-bis-([2,2:6',2''-terpyridin]-4'-yl)benzene. *Acta Crystallographica Section E: Crystallographic Communications*, **2019**, 75, 1947-1951	0.7	
89	Luminescence **2019**, 1-22		2
88	Lanthanide trifluoromethyltricyanoborates: Synthesis, crystal structures and thermal properties. *Journal of Fluorine Chemistry*, **2019**, 219, 70-78	2.1	4
87	Sensors: Preconcentration of Nitroalkanes with Archetype Metal-Organic Frameworks (MOFs) as Concept for a Sensitive Sensing of Explosives in the Gas Phase (Adv. Funct. Mater. 2/2018). *Advanced Functional Materials*, **2018**, 28, 1870009	15.6	1
86	Capillary Nanostamping with Spongy Mesoporous Silica Stamps. *Advanced Functional Materials*, **2018**, 28, 1800700	15.6	11
85	Overcoming safety challenges in CO therapy - Extracorporeal CO delivery under precise feedback control of systemic carboxyhemoglobin levels. *Journal of Controlled Release*, **2018**, 279, 336-344	11.7	19
84	Optical isotherms as a fundamental characterization method for gas sensing with luminescent MOFs by comparison of open and dense frameworks. *Journal of Materials Chemistry C*, **2018**, 6, 2588-2595	7.1	15

83	Linear dicoordinate beryllium: a 9Be solid-state NMR study of a discrete zero-valent s-block beryllium complex. *Canadian Journal of Chemistry*, **2018**, 96, 646-652	0.9	5
82	Bioinspired co-crystals of Imatinib providing enhanced kinetic solubility. *European Journal of Pharmaceutics and Biopharmaceutics*, **2018**, 128, 290-299	5.7	16
81	Bismuth as a versatile cation for luminescence in coordination polymers from BiX/4,4'-bipy: understanding of photophysics by quantum chemical calculations and structural parallels to lanthanides. *Dalton Transactions*, **2018**, 47, 7669-7681	4.3	35
80	Steel-based electrocatalysts for efficient and durable oxygen evolution in acidic media. *Catalysis Science and Technology*, **2018**, 8, 2104-2116	5.5	21
79	Luminescent MOF polymer mixed matrix membranes for humidity sensing in real status analysis. *Journal of Materials Chemistry C*, **2018**, 6, 9248-9257	7.1	17
78	Lanthanide Coordination Polymers and MOFs based on the Dicyanodihydridoborate Anion. *Chemistry - A European Journal*, **2018**, 24, 15287-15294	4.8	9
77	In-situ Ligand Formation Based Synthesis of a Luminescent Bi-Nitrile Based Framework: 3[Bi2Br6(tcpt)]. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2018**, 644, 1293-1296	1.3	5
76	Preconcentration of Nitroalkanes with Archetype Metal-Organic Frameworks (MOFs) as Concept for a Sensitive Sensing of Explosives in the Gas Phase. *Advanced Functional Materials*, **2018**, 28, 1704250	15.6	17
75	Gallium Coordination Polymers Based on Bis-pyridylethylene Containing Neutral and Cationic 1D Chains and 2D Networks. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2018**, 644, 1791-1795	1.3	6
74	Transformation of [EMIm][BPB] into a Cationic Luminescent Ln-Coordination Polymer with the Bis(phthalato)borate Anion. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2018**, 644, 1445-1450	1.3	2
73	Deprotonation of a Hydridoborate Anion. *Angewandte Chemie - International Edition*, **2017**, 56, 2795-2799	16.4	54
72	Anhydrous, Homoleptic Lanthanide Frameworks with the Pentafluoroethyltricyanoborate Anion. *Inorganic Chemistry*, **2017**, 56, 2278-2286	5.1	13
71	Protonation versus Oxonium Salt Formation: Basicity and Stability Tuning of Cyanoborate Anions. *Angewandte Chemie - International Edition*, **2017**, 56, 2800-2804	16.4	24
70	Protonierung kontra Oxoniumsalz-Bildung: Abstimmung der Basizität und Stabilität von Cyanoborat-Anionen. *Angewandte Chemie*, **2017**, 129, 2844-2848	3.6	12
69	Bis(salicylato)borate as Versatile Sensitizer for Highly Luminescent Lanthanide Oxoborates from the Ultraviolet to Near Infrared with 4f and 5d Participation of the Lanthanides. *European Journal of Inorganic Chemistry*, **2017**, 2017, 1355-1363	2.3	10
68	Transformation of the ionic liquid [EMIM][B(CN)] into anionic and neutral lanthanum tetracyanoborate coordination polymers by ionothermal reactions. *Chemical Communications*, **2017**, 53, 5193-5195	5.8	14
67	Deprotonierung eines Hydridoborat-Anions. *Angewandte Chemie*, **2017**, 129, 2839-2843	3.6	31
66	Syntheses and Structures of New Rare-Earth Metal Tetracyanidoborates. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2017**, 643, 625-630	1.3	8

65	Smart Optical Composite Materials: Dispersions of Metal-Organic Framework@Superparamagnetic Microrods for Switchable Isotropic-Anisotropic Optical Properties. *ACS Nano*, **2017**, 11, 779-787	16.7	31
64	Electro-oxidation of a cobalt based steel in LiOH: a non-noble metal based electro-catalyst suitable for durable water-splitting in an acidic milieu. *Nanoscale*, **2017**, 9, 17829-17838	7.7	16
63	Supramolecular frameworks based on [60]fullerene hexakisadducts. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 1-9	2.5	6
62	Composite materials combining multiple luminescent MOFs and superparamagnetic microparticles for ratiometric water detection. *Journal of Materials Chemistry C*, **2017**, 5, 10133-10142	7.1	42
61	Metal-Based Diversity for Crystalline Metal-Fullerene Frameworks. *Chemistry - A European Journal*, **2017**, 23, 15864-15868	4.8	5
60	Homoleptic Luminescent Lanthanide Frameworks with the Tricyanohydridoborate Anion. *European Journal of Inorganic Chemistry*, **2017**, 2017, 4668-4672	2.3	4
59	Unexpected Dimeric Spiro-Borate Complexes from Lewis-Acid Induced Transformation of Oxalatoborates. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2017**, 643, 53-59	1.3	3
58	White light emission and temperature dependent chromaticity shifts by modification of luminescent ZrO(FMN) nanoparticles with rare earth halides. *Journal of Materials Chemistry C*, **2016**, 4, 7735-7743	7.1	2
57	Near-Infrared Luminescence and Inner Filter Effects of Lanthanide Coordination Polymers with 1,2-Di(4-pyridyl)ethylene. *Inorganic Chemistry*, **2016**, 55, 7396-406	5.1	27
56	Electro-Oxidation of Ni42 Steel: A Highly Active Bifunctional Electrocatalyst. *Advanced Functional Materials*, **2016**, 26, 6402-6417	15.6	67
55	X20CoCrWMo10-9//Co3O4: a metal□ceramic composite with unique efficiency values for water-splitting in the neutral regime. *Energy and Environmental Science*, **2016**, 9, 2609-2622	35.4	66
54	Luminescent coordination polymers for the VIS and NIR range constituting LnCl□and 1,2-bis(4-pyridyl)ethane. *Dalton Transactions*, **2016**, 45, 6529-40	4.3	15
53	Superparamagnetic Luminescent MOF@Fe□O□/SiO□Composite Particles for Signal Augmentation by Magnetic Harvesting as Potential Water Detectors. *ACS Applied Materials & Interfaces*, **2016**, 8, 5445-52	9.5	61
52	Microwave-Assisted Polyol Synthesis of Water Dispersible Red-Emitting Eu-Modified Carbon Dots. *Materials*, **2016**, 10,	3.5	13
51	Luminescent Metal□Organic Framework Mixed-Matrix Membranes from Lanthanide Metal□Organic Frameworks in Polysulfone and Matrimid. *European Journal of Inorganic Chemistry*, **2016**, 2016, 4408-4415	2.3	13
50	Synthesis and Properties of Organic Hexahalocerate(III) Salts. *European Journal of Inorganic Chemistry*, **2016**, 2016, 1333-1339	2.3	8
49	Three-Dimensional Metal-Fullerene Frameworks. *Chemistry - A European Journal*, **2016**, 22, 5982-7	4.8	19
48	Mechanochemical Synthesis of 3d Transition-Metal-1,2,4-Triazole Complexes as Precursors for Microwave-Assisted and Thermal Conversion to Coordination Polymers with a High Influence on the Dielectric Properties. *Chemistry - A European Journal*, **2016**, 22, 2708-18	4.8	10

47	Study of the Discrepancies between Crystallographic Porosity and Guest Access into Cadmium-Imidazolate Frameworks and Tunable Luminescence Properties by Incorporation of Lanthanides. *Chemistry - A European Journal*, **2016**, 22, 6905-13	4.8	22
46	Quinolone Amides as Antitrypanosomal Lead Compounds with In Vivo Activity. *Antimicrobial Agents and Chemotherapy*, **2016**, 60, 4442-52	5.9	9
45	Organic melt, electride, and CVD induced in situ deposition of luminescent lanthanide imidazolate MOFs on nanostructured alumina. *Inorganic Chemistry Frontiers*, **2015**, 2, 237-245	6.8	11
44	Photoluminescent One-Dimensional Coordination Polymers from Suitable Pyridine Antenna and LnCl3 for Visible and Near-IR Emission. *European Journal of Inorganic Chemistry*, **2015**, 2015, 826-836	2.3	17
43	1[Pr(BSB)3(py)2]: A Lanthanide Bis(salicylato)borate at the Junction between Solvothermal and Ionothermal Conditions. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2015**, 641, 164-167	1.3	4
42	Ionic liquid versus prodrug strategy to address formulation challenges. *Pharmaceutical Research*, **2015**, 32, 2154-67	4.5	27
41	Taming the beast: fluoromesityl groups induce a dramatic stability enhancement in boroles. *Chemical Science*, **2015**, 6, 5922-5927	9.4	76
40	MOF based luminescence tuning and chemical/physical sensing. *Microporous and Mesoporous Materials*, **2015**, 216, 171-199	5.3	249
39	White light emission of IFP-1 by in situ co-doping of the MOF pore system with Eu3+ and Tb3+. *Journal of Materials Chemistry C*, **2015**, 3, 4623-4631	7.1	34
38	Post-Synthetic Shaping of Porosity and Crystal Structure of Ln-Bipy-MOFs by Thermal Treatment. *Molecules*, **2015**, 20, 12125-53	4.8	12
37	A blue luminescent MOF as a rapid turn-off/turn-on detector for H2O, O2 and CH2Cl2, MeCN: [Ce(Im)3ImH]ImH. *Dalton Transactions*, **2015**, 44, 4070-9	4.3	43
36	Lanthanide based tuning of luminescence in MOFs and dense frameworks--from mono- and multimetal systems to sensors and films. *Chemical Communications*, **2014**, 50, 8093-108	5.8	286
35	2[Bi2Cl6(pyz)4]: a 2D-pyrazine coordination polymer as soft host lattice for the luminescence of the lanthanide ions Sm3+, Eu3+, Tb3+, and Dy3+. *Inorganic Chemistry*, **2014**, 53, 7197-203	5.1	26
34	Highly luminescent thin films of the dense framework (B)[EuIm2] with switchable transparency formed by scanning femtosecond-pulse laser deposition. *Angewandte Chemie - International Edition* , **2014**, 53, 706-10	16.4	20
33	Synthesis and Characterization of the Cerium(III) UV-Emitting 2D-Coordination Polymer 2[Ce2Cl6(4, 4?-bipyridine)4]py. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2014**, 640, 2847-2851	1.3	13
32	Ln-Imidazolate Frameworks: The Coordinative Demand of Ln3+ Ions and its Consequences for the Compound Constitution of Different Lanthanides. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2013**, 639, 261-267	1.3	14
31	Engineering metal-based luminescence in coordination polymers and metal-organic frameworks. *Chemical Society Reviews*, **2013**, 42, 9232-42	58.5	797
30	In situ growth of luminescent MOF thin films of Sr/Eu(II)-imidazolate on functionalized nanostructured alumina. *CrystEngComm*, **2013**, 15, 9382	3.3	14

29	Metal-organic framework luminescence in the yellow gap by codoping of the homoleptic imidazolate (3)[Ba(Im)2] with divalent europium. *Journal of the American Chemical Society*, **2013**, 135, 6896-902	16.4	66
28	The series of rare earth complexes [Ln2Cl6 (4,4-bipy)(py)6], Ln=Y, Pr, Nd, Sm-Yb: a molecular model system for luminescence properties in MOFs based on LnCl3 and 4,4-bipyridine. *Chemistry - A European Journal*, **2013**, 19, 17369-78	4.8	70
27	Homoleptic lanthanide 1,2,3-triazolates (1)(23)[Ln(Tz*)3] and their diversified photoluminescence properties. *Inorganic Chemistry*, **2012**, 51, 13204-13	5.1	47
26	Antenna- and Metal-Triggered Luminescence in Dense 1,3-Benzodinitrile Metal-Organic Frameworks 3[LnCl3(1,3-Ph(CN)2)], Ln = Eu, Tb. *European Journal of Inorganic Chemistry*, **2012**, 2012, 5479-5484	2.3	33
25	Luminescence Tuning in the MOF Series rm^{2}_{infty}[Ln2Cl6(bipy)3]2bipy, Ln = Eu, Gd, Tb. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2012**, 638, 1581-1581	1.3	
24	Alkaline earth imidazolate coordination polymers by solvent free melt synthesis as potential host lattices for rare earth photoluminescence: (x)(1)[AE(Im)2(ImH)(2-3)], Mg, Ca, Sr, Ba, x = 1-2. *Dalton Transactions*, **2012**, 41, 4067-78	4.3	31
23	Luminescence tuning of MOFs via ligand to metal and metal to metal energy transfer by co-doping of 2[Gd2Cl6(bipy)3]2bipy with europium and terbium. *Journal of Materials Chemistry*, **2012**, 22, 10179		101
22	Homoleptic imidazolate frameworks [Sr(1-x)Eu(x)(Im)2]--hybrid materials with efficient and tuneable luminescence. *Chemical Communications*, **2011**, 47, 496-8	5.8	49
21	Frameworks by Solvent-Free Synthesis of Rare Earth Chlorides with Molten 1,3-Benzodinitrile and Tailoring of the Particle Size: 3[LnCl3{1,3-C6H4(CN)2}], Ln = Y, Dy, Ho, Er, Yb. *European Journal of Inorganic Chemistry*, **2010**, 2010, 454-460	2.3	13
20	The interaction of rare earth chlorides with 4,4-bipyridine for the reversible formation of template based luminescent Ln-N-MOFs. *Dalton Transactions*, **2010**, 461-8	4.3	61
19	MOF Formation vs. Reversible High Ligand Uptake in Anhydrous Halides: Two Opposing Aspects of {}^3_infty[La2Cl6(4,4?-bipy)5]4(4,4?-bipy) *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2010**, 636, 395-399	1.3	14
18	Utilising Metal Melts of Low-Melting Metals as a Novel Approach for MOF Synthesis: The 3D-Imidazolate 3[Ga2(Im)6ImH] from Gallium and Imidazole *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2010**, 636, 1333-1338	1.3	10
17	Melamine-melem adduct phases: investigating the thermal condensation of melamine. *Chemistry - A European Journal*, **2009**, 15, 13161-70	4.8	97
16	Activator-Controlled High Temperature In-Situ Ligand Synthesis for the Formation of Rare Earth Thiolate Amide Coordination Polymers. *European Journal of Inorganic Chemistry*, **2009**, 2009, 2482-2486	2.3	14
15	$^{2}_{infty}rm [Tb(Tzast)_{3}]$, A Homoleptic 2-Dimensional Framework from a Solvent Free Synthesis of Terbium Metal with 1H-1,2,3-Triazole. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2009**, 635, 1134-1138	1.3	10
14	The first dinitrile frameworks of the rare earth elements: infinity(3)[LnCl3(1,4-Ph(CN)2)] and infinity(3)[Ln2Cl6(1,4-Ph(CN)2)], Ln = Sm, Gd, Tb, Y; access to novel metal-organic frameworks by solvent free synthesis in molten 1,4-benzodinitrile. *Inorganic Chemistry*, **2008**, 47, 10141-9	5.1	41
13	Crystal Engineering of Rare Earth Amides:3[Tb(Im)3]@NH3, a Homoleptic 3D Network Exhibiting Strong Luminescence. *Chemistry of Materials*, **2007**, 19, 655-659	9.6	52
12	(Infinity)3[Eu(Tzpy)2]: a homoleptic framework containing [Eu(II)N12] icosahedra. *Angewandte Chemie - International Edition*, **2007**, 46, 4385-7	16.4	31

11	$^{1}_{infty}rm [Ho_{2}Cl_{6}{1,3-Ph(CN)_{2}}_{3}]$ □Eine zu Doppelstr□gen kondensierte Variante der PaCl5-Struktur in einem Selten-Erd-Benzodinitril-Koordinationspolymer. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2007**, 633, 2614-2618	1.3	15
10	Rare Earth Benzotriazolates: Coordination Polymers Incorporating Decomposition Products from Ammonia to 1,2-Diaminobenzene in□[Ln(Btz)3(BtzH)] (Ln = Ce, Pr), □[Ln(Btz)3{Ph(NH2)2}] (Ln = Nd, Tb, Yb), and □[Ho2(Btz)6(BtzH)(NH3)]. *European Journal of Inorganic Chemistry*, **2006**, 2006, 2000-2010	2.3	31
9	Three-dimensional networks of lanthanide 1,2,4-triazolates: infinity(3)[Yb(Tz)3] and [Eu2(Tz)5(TzH)2], the first 4f networks with complete nitrogen coordination. *Chemical Communications*, **2006**, 2060-2	5.8	46
8	Homoleptic rare earth dipyridylamides [Ln2(N(NC5H4)2)6], Ln = Ce, Nd, Sm, Ho, Er, Tm, Yb, and Sc: metal oxidation by the amine melt and in 1,2,3,4-tetrahydroquinoline with the focus of different metal activation by amalgams, liquid ammonia, and microwaves. *Inorganic Chemistry*, **2006**, 45, 2678-87	5.1	43
7	The X-ray crystal structures of [Hg(C6F4OH-p)2OH2] and [Hg(C6H4OMe-p)(O2CC6F4OMe-p)] □ Factors influencing supramolecular Hg□O interactions. *Inorganica Chimica Acta*, **2005**, 358, 4389-4393	2.7	20
6	The Utilization of Solid State Chemistry Reaction Routes as New Syntheses Strategies for the Coordination Chemistry of Rare Earth Amides. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 811-828	1.3	78
5	[Yb(3)N(dpa)(6)][Yb(dpa)(3)]: a molecular nitride of a rare-earth metal with a Yb(3)N unit. *Angewandte Chemie - International Edition*, **2004**, 43, 5994-6	16.4	19
4	Homoleptic Rare-Earth Carbazolates and the Trends of Their E Redox Potentials: Mixed-Valent Samarium in 1□[Sm2(Cbz)5](CbzH) (CbzH = carbazole) and Trivalent Thulium, Neodymium and Gadolinium in [Ln2(Cbz)6]. *European Journal of Inorganic Chemistry*, **2004**, 2004, 4330-4337	2.3	36
3	Two new groups of homoleptic rare earth pyridylbenzimidazolates: (NC12H8(NH)2)[Ln(N3C12H8)4] with Ln = Y, Tb, Yb, and [Ln(N3C12H8)2(N3C12H9)2][Ln(N3C12H8)4](N3C12H9)2 with Ln = La, Sm, Eu. *Inorganic Chemistry*, **2003**, 42, 2742-50	5.1	54
2	[Yb(THF)3(C5H4PPh2)2W(CO)4]□0.5THF and 1□[Yb(THF)(C5H4PPh2)2(□OC)W(CO)3]: Two New Heterobimetallic Complexes Containing YbII and W0. *European Journal of Inorganic Chemistry*, **2002**, 2002, 3172-3177	2.3	8
1	Synthesis and Crystal Structure of [Re2Br4(Te2)(TeBr)2(TeBr2)2], a Dinuclear Complex with Te22□ TeBr□and TeBr2 Ligands. *European Journal of Inorganic Chemistry*, **1999**, 1999, 839-842	2.3	6