

Jean-Claude G BÃ¼nzli

List of Publications by Year in descending order

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323
papers

32,131
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4942

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times ranked

15668
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#	ARTICLE	IF	CITATIONS
1	Structure, reactivity and luminescence studies of triphenylsiloxide complexes of tetravalent lanthanides. <i>Chemical Science</i> , 2022, 13, 681-691.	3.7	12
2	Applications of Actinides. , 2022, , 687-704.		0
3	Applications of Rare Earths. , 2022, , 633-685.		1
4	Learning from lanthanide complexes: The development of dye-lanthanide nanoparticles and their biomedical applications. <i>Coordination Chemistry Reviews</i> , 2021, 429, 213642.	9.5	72
5	Lanthanideâ€“tetrapyrrole complexes: synthesis, redox chemistry, photophysical properties, and photonic applications. <i>Chemical Society Reviews</i> , 2021, 50, 12189-12257.	18.7	56
6	Lanthanide-Based Peptide-Directed Visible/Near-Infrared Imaging and Inhibition of LMP1. <i>Jacs Au</i> , 2021, 1, 1034-1043.	3.6	19
7	A hybrid erbium(III)â€“bacteriochlorin near-infrared probe for multiplexed biomedical imaging. <i>Nature Materials</i> , 2021, 20, 1571-1578.	13.3	138
8	Identifying lifetime as one of the key parameters responsible for the low brightness of lanthanide-based OLEDs. <i>Dalton Transactions</i> , 2021, 50, 12806-12813.	1.6	16
9	Quantum yield and brightness. <i>Journal of Luminescence</i> , 2020, 224, 117256.	1.5	125
10	Bladder Cancer Photodynamic Therapeutic Agent with Offâ€“On Magnetic Resonance Imaging Enhancement. <i>Advanced Therapeutics</i> , 2019, 2, 1900068.	1.6	19
11	Emerging role of machine learning in light-matter interaction. <i>Light: Science and Applications</i> , 2019, 8, 84.	7.7	56
12	Lanthanide Photonics: Shaping the Nanoworld. <i>Trends in Chemistry</i> , 2019, 1, 751-762.	4.4	99
13	A supramolecular lanthanide separation approach based on multivalent cooperative enhancement of metal ion selectivity. <i>Nature Communications</i> , 2018, 9, 547.	5.8	102
14	Lanthanide mechanoluminescence. <i>Journal of Rare Earths</i> , 2018, 36, 1-41.	2.5	131
15	Time to multiplex. <i>Nature Nanotechnology</i> , 2018, 13, 879-880.	15.6	3
16	Impact of Lanthanide Nanomaterials on Photonic Devices and Smart Applications. <i>Small</i> , 2018, 14, e1801882.	5.2	128
17	Near-infrared-triggered photon upconversion tuning in all-inorganic cesium lead halide perovskite quantum dots. <i>Nature Communications</i> , 2018, 9, 3462.	5.8	222
18	A Smart Europiumâ€“Ruthenium Complex as Anticancer Prodrug: Controllable Drug Release and Real-Time Monitoring under Different Light Excitations. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8923-8932.	2.9	49

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19	Rising Stars in Science and Technology: Luminescent Lanthanide Materials. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5058-5063.	1.0	149
20	Lanthanide Luminescence: From a Mystery to Rationalization, Understanding, and Applications. <i>Fundamental Theories of Physics</i> , 2016, 50, 141-176.	0.1	67
21	Guidelines for measurement of luminescence spectra and quantum yields of inorganic and organometallic compounds in solution and solid state (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2016, 88, 701-711.	0.9	55
22	Lanthanide light for biology and medical diagnosis. <i>Journal of Luminescence</i> , 2016, 170, 866-878.	1.5	249
23	Stereocontrolled Self-Assembly and Self-Sorting of Luminescent Europium Tetrahedral Cages. <i>Journal of the American Chemical Society</i> , 2015, 137, 8550-8555.	6.6	197
24	Influence of Symmetry on the Luminescence and Radiative Lifetime of Nine-Coordinate Europium Complexes. <i>Inorganic Chemistry</i> , 2015, 54, 9166-9173.	1.9	91
25	On the design of highly luminescent lanthanide complexes. <i>Coordination Chemistry Reviews</i> , 2015, 293-294, 19-47.	9.5	975
26	Lanthanides in Solar Energy Conversion. <i>Fundamental Theories of Physics</i> , 2014, 44, 169-281.	0.1	78
27	Review: Lanthanide coordination chemistry: from old concepts to coordination polymers. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3706-3733.	0.8	240
28	A Eu ^{III} Tetrakis(β^2 -diketonate) Dimeric Complex: Photophysical Properties, Structural Elucidation by Sparkle/AM1 Calculations, and Doping into PMMA Films and Nanowires. <i>Inorganic Chemistry</i> , 2014, 53, 8407-8417.	1.9	67
29	Tridentate Benzimidazole-Pyridine-Tetrazolates as Sensitizers of Europium Luminescence. <i>Inorganic Chemistry</i> , 2014, 53, 5171-5178.	1.9	40
30	Lanthanide(III) dendrimer complexes based on diphenylquinoxaline derivatives for photonic amplification. <i>Macromolecular Research</i> , 2013, 21, 556-564.	1.0	7
31	Brilliant Photoluminescence and Triboluminescence from Ternary Complexes of Dy ^{III} and Tb ^{III} with 3-Phenyl-4-propanoyl-5-isoxazonate and a Bidentate Phosphine Oxide Coligand. <i>Inorganic Chemistry</i> , 2013, 52, 8750-8758.	1.9	129
32	A new tetrakis β^2 -diketone ligand for NIR emitting Ln ^{III} ions: luminescent doped PMMA films and flexible resins for advanced photonic applications. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6935.	2.7	85
33	Lighting up cells with lanthanide self-assembled helicates. <i>Interface Focus</i> , 2013, 3, 20130032.	1.5	26
34	Synthesis and cell localization of self-assembled dinuclear lanthanide bioprobes. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120295.	1.6	9
35	Intriguing aspects of lanthanide luminescence. <i>Chemical Science</i> , 2013, 4, 1939.	3.7	579
36	Color and Brightness Tuning in Heteronuclear Lanthanide Terephthalate Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3464-3476.	1.0	76

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37	Biphenylene-bridged mesostructured organosilica as a novel hybrid host material for LnIII (Ln = Eu, Gd,) Tj ETQq1 1 0.784314 rgBT /Over 3454.	2.7	42
38	Grand challenges in inorganic chemistry: toward better life quality and a more sustainable world. Frontiers in Chemistry, 2013, 1, 2.	1.8	0
39	Self-assembly of a helical zinc-europium complex: speciation in aqueous solution and luminescence. Frontiers in Chemistry, 2013, 1, 15.	1.8	4
40	Lanthanides. , 2013, , 1103-1103.		1
41	Uranyl complexes formed with a <i>para</i> - <i>t</i> -butylcalix[4]arene bearing phosphinoyl pendant arms on the lower rim. Solid and solution studies. Radiochimica Acta, 2012, 100, 359-369.	0.5	6
42	The luminescence of Na _x Eu _{3+(2x)/3} MoO ₄ scheelites depends on the number of Eu-clusters occurring in their incommensurately modulated structure. Chemical Science, 2012, 3, 384-390.	3.7	63
43	Ln(III)-cored complexes based on boron dipyrromethene (Bodipy) ligands for NIR emission. New Journal of Chemistry, 2012, 36, 723-731.	1.4	21
44	Optimizing Millisecond Time Scale Near-Infrared Emission in Polynuclear Chrome(III)-Lanthanide(III) Complexes. Journal of the American Chemical Society, 2012, 134, 12675-12684.	6.6	117
45	Rare earths: jewels for functional materials of the future. New Journal of Chemistry, 2011, 35, 1165.	1.4	440
46	Lighting-up Cancerous Cells and Tissues with Lanthanide Luminescence. Chimia, 2011, 65, 361-361.	0.3	3
47	5f-Element complexes with a <i>p</i> - <i>tert</i> -butylcalix[4]arene bearing phosphinoyl pendant arms: Separation from rare earths and structural studies. Inorganica Chimica Acta, 2011, 378, 163-168.	1.2	18
48	Modulating the Photophysical Properties of Azamacrocyclic Europium Complexes with Charge-Transfer Antenna Chromophores. Inorganic Chemistry, 2011, 50, 4987-4999.	1.9	70
49	Deciphering Three Beneficial Effects of 2,2'-Bipyridine-N,N'-Dioxide on the Luminescence Sensitization of Lanthanide(III) Hexafluoroacetylacetonate Ternary Complexes. Inorganic Chemistry, 2011, 50, 5137-5144.	1.9	99
50	Near-Infrared-Visible Light Upconversion in a Molecular Trinuclear f-f-d Complex. Angewandte Chemie - International Edition, 2011, 50, 4108-4112.	7.2	171
51	Highly Luminescent and Triboluminescent Coordination Polymers Assembled from Lanthanide β^2 -Diketonates and Aromatic Bidentate O-Donor Ligands. Inorganic Chemistry, 2010, 49, 9300-9311.	1.9	171
52	Lanthanide Luminescence for Biomedical Analyses and Imaging. Chemical Reviews, 2010, 110, 2729-2755.	23.0	2,309
53	Acridone-Benzimidazole Ring-Fused Ligands: A New Class of Sensitizers of Lanthanide Luminescence via Low-Energy Excitation. European Journal of Inorganic Chemistry, 2010, 2010, 2723-2734.	1.0	25
54	Synthesis and Photophysical Properties of LnIII-DOTA-Bipy Complexes and LnIII-DOTA-Bipy-Rull Coordination Conjugates. European Journal of Inorganic Chemistry, 2010, 2010, 4532-4545.	1.0	19

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55	Lanthanide luminescence efficiency in eight- and nine-coordinate complexes: Role of the radiative lifetime. <i>Coordination Chemistry Reviews</i> , 2010, 254, 2623-2633.	9.5	214
56	Lanthanide NIR luminescence for telecommunications, bioanalyses and solar energy conversion. <i>Journal of Rare Earths</i> , 2010, 28, 824-842.	2.5	549
57	Europium in the limelight. <i>Nature Chemistry</i> , 2010, 2, 696-696.	6.6	47
58	Chapter 247 Self-Assembled Lanthanide Helicates. <i>Fundamental Theories of Physics</i> , 2010, , 301-553.	0.1	18
59	Basics of Lanthanide Photophysics. <i>Springer Series on Fluorescence</i> , 2010, , 1-45.	0.8	178
60	Eu(III) Complexes of Tetradentate Ligands Related to 2,9-Di(pyrid-2-yl)-1,10-phenanthroline and 2,2-Bi-1,10-phenanthroline. <i>Inorganic Chemistry</i> , 2010, 49, 4657-4664.	1.9	26
61	Selective Breast Cancer Cell Capture, Culture, and Immunocytochemical Analysis Using Self-Assembled Magnetic Bead Patterns in a Microfluidic Chip. <i>Langmuir</i> , 2010, 26, 6091-6096.	1.6	46
62	Lanthanide luminescence for functional materials and bio-sciences. <i>Chemical Society Reviews</i> , 2010, 39, 189-227.	18.7	3,065
63	Increasing the efficiency of lanthanide luminescent bioprobes: bioconjugated silica nanoparticles as markers for cancerous cells. <i>New Journal of Chemistry</i> , 2010, 34, 2915.	1.4	33
64	N-Aryl Chromophore Ligands for Bright Europium Luminescence. <i>Inorganic Chemistry</i> , 2010, 49, 3927-3936.	1.9	84
65	Multiphoton-Excited Luminescent Lanthanide Bioprobes: Two- and Three-Photon Cross Sections of Dipicolinate Derivatives and Binuclear Helicates. <i>Journal of Physical Chemistry B</i> , 2010, 114, 2932-2937.	1.2	70
66	Sensitized near-IR luminescence of lanthanide complexes based on push-pull diketone derivatives. <i>Dalton Transactions</i> , 2010, 39, 1532-1538.	1.6	37
67	Bioconjugated lanthanide luminescent helicates as multilabels for lab-on-a-chip detection of cancer biomarkers. <i>Analyst</i> , The, 2010, 135, 42-52.	1.7	84
68	Luminescent Bimetallic Lanthanide Bioprobes for Cellular Imaging with Excitation in the Visible Light Range. <i>Chemistry - A European Journal</i> , 2009, 15, 885-900.	1.7	149
69	Homo- and Heterodinuclear Helicates of Lanthanide(III), Zinc(II) and Aluminium(III) Based on 8-Hydroxyquinoline Ligands. <i>Chemistry - A European Journal</i> , 2009, 15, 8791-8799.	1.7	41
70	2,2-Bipyrimidine as Efficient Sensitizer of the Solid State Luminescence of Lanthanide and Uranyl Ions from Visible to Near-Infrared. <i>Chemistry - A European Journal</i> , 2009, 15, 9686-9696.	1.7	83
71	Designing Simple Tridentate Ligands for Highly Luminescent Europium Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 10790-10802.	1.7	101
72	Structural and Near-IR Luminescent Properties of Erbium-Containing Coordination Polymers. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4491-4497.	1.0	21

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73	Modulating the Near-Infrared Luminescence of Neodymium and Ytterbium Complexes with Tridentate Ligands Based on Benzoxazole-Substituted 8-Hydroxyquinolines. <i>Inorganic Chemistry</i> , 2009, 48, 2908-2918.	1.9	85
74	Benzothiazole- and Benzoxazole-Substituted Pyridine-2-Carboxylates as Efficient Sensitizers of Europium Luminescence. <i>Inorganic Chemistry</i> , 2009, 48, 6178-6191.	1.9	95
75	Luminescent Lanthanide Helicates Self-Assembled from Ditopic Ligands Bearing Phosphonic Acid or Phosphoester Units. <i>Inorganic Chemistry</i> , 2009, 48, 10687-10696.	1.9	30
76	A ruthenium-based metallostar: synthesis, sensitized luminescence and 1H relaxivity. <i>Dalton Transactions</i> , 2009, , 2088.	1.6	46
77	Intrinsic quantum yields and radiative lifetimes of lanthanide tris(dipicolinates). <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 1346.	1.3	230
78	Highly Luminescent Homoleptic Europium Chelates. <i>Inorganic Chemistry</i> , 2009, 48, 5611-5613.	1.9	59
79	Intermolecular Interactions as Actors in Energy-Transfer Processes in Lanthanide Complexes with 2,2'-Bipyridine. <i>Journal of Physical Chemistry B</i> , 2009, 113, 9265-9277.	1.2	105
80	Structural, Spectroscopic, and Thermodynamic Consequences of Anti-Chelate Effect in Nine-Coordinate Lanthanide Podates. <i>Inorganic Chemistry</i> , 2009, 48, 2549-2560.	1.9	10
81	Time-resolved lanthanide luminescence for lab-on-a-chip detection of biomarkers on cancerous tissues. <i>Analyst</i> , The, 2009, 134, 1991.	1.7	32
82	Surprisingly Bright Near-Infrared Luminescence and Short Radiative Lifetimes of Ytterbium in Hetero-Binuclear Yb ^{III} /Na Chelates. <i>Inorganic Chemistry</i> , 2009, 48, 7937-7946.	1.9	103
83	Lanthanide Luminescent Bioprobes (LLBs). <i>Chemistry Letters</i> , 2009, 38, 104-109.	0.7	175
84	A Versatile Ditopic Ligand System for Sensitizing the Luminescence of Bimetallic Lanthanide Bioimaging Probes. <i>Chemistry - A European Journal</i> , 2008, 14, 1726-1739.	1.7	107
85	Linear Polynuclear Helicates as a Link between Discrete Supramolecular Complexes and Programmed Infinite Polymetallic Chains. <i>Chemistry - A European Journal</i> , 2008, 14, 2994-3005.	1.7	42
86	Visible-Light Excitation of Infrared Lanthanide Luminescence via Intra-Ligand Charge-Transfer State in 1,3-Diketones Containing Push-Pull Chromophores. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1523-1529.	1.0	42
87	Role of the Ancillary Ligand <i>N,N</i> -Dimethylaminoethanol in the Sensitization of Eu ^{III} and Tb ^{III} Luminescence in Dimeric β^2 -Diketones. <i>Journal of Physical Chemistry A</i> , 2008, 112, 3614-3626.	1.1	102
88	Structural and Luminescent Properties of Micro- and Nanosized Particles of Lanthanide Terephthalate Coordination Polymers. <i>Inorganic Chemistry</i> , 2008, 47, 3700-3708.	1.9	177
89	Role of Inner- and Outer-Sphere Bonding in the Sensitization of Eu ^{III} -Luminescence Deciphered by Combined Analysis of Experimental Electron Density Distribution Function and Photophysical Data. <i>Inorganic Chemistry</i> , 2008, 47, 11095-11107.	1.9	159
90	Lanthanide Bimetallic Helicates for <i>in Vitro</i> Imaging and Sensing. <i>Annals of the New York Academy of Sciences</i> , 2008, 1130, 97-105.	1.8	89

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91	A versatile method for quantification of DNA and PCR products based on time-resolved Eu(III) luminescence. <i>Analytical Chemistry</i> , 2008, 80, 1749.	1.7	32
92	Near-Infrared Luminescence of Nine-Coordinate Neodymium Complexes with Benzimidazole-Substituted 8-Hydroxyquinolines. <i>Inorganic Chemistry</i> , 2008, 47, 9055-9068.	1.9	76
93	Tuning the self-assembly of lanthanide triple stranded heterobimetallic helicates by ligand design. <i>Dalton Transactions</i> , 2008, , 1027-1036.	1.6	25
94	Dimeric lanthanide hexafluoroacetylacetonate adducts with 4-cyanopyridine-N-oxide. <i>Journal of Alloys and Compounds</i> , 2008, 451, 414-417.	2.8	11
95	Time-resolved luminescence microscopy of bimetallic lanthanide helicates in living cells. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4125.	1.5	90
96	Physicochemical Properties and Theoretical Modeling of Actinide Complexes with a <i>para-tert-butylcalix[6]arene</i> Bearing Phosphinoyl Pendants. Extraction Capability of the Calixarene toward f Elements. <i>Journal of Physical Chemistry B</i> , 2008, 112, 10976-10988.	1.2	30
97	Effect of the length of polyoxyethylene substituents on luminescent bimetallic lanthanide bioprobes. <i>New Journal of Chemistry</i> , 2008, 32, 1140.	1.4	43
98	Luminescent coordination nanoparticles. <i>New Journal of Chemistry</i> , 2008, 32, 584.	1.4	56
99	Remarkable Tuning of the Photophysical Properties of Bifunctional Lanthanide tris(Dipicolinates) and its Consequence on the Design of Bioprobes. <i>Inorganic Chemistry</i> , 2008, 47, 7802-7812.	1.9	91
100	Toward the Rational Design of Lanthanide Coordination Polymers: a New Topological Approach. <i>Inorganic Chemistry</i> , 2007, 46, 6242-6244.	1.9	53
101	Enhancement of near-IR emission by bromine substitution in lanthanide complexes with 2-carboxamide-8-hydroxyquinoline. <i>Chemical Communications</i> , 2007, , 1834-1836.	2.2	99
102	Luminescent lanthanide bimetallic triple-stranded helicates as potential cellular imaging probes. <i>Chemical Communications</i> , 2007, , 1716-1718.	2.2	73
103	Exploring the potential of europium(III) luminescence for the detection of phase transitions in ionic liquid crystals. <i>Journal of Materials Chemistry</i> , 2007, 17, 654-657.	6.7	21
104	Selective Self-Assembly of Hexameric Homo- and Heteropolymetallic Lanthanide Wheels: Synthesis, Structure, and Photophysical Studies. <i>Inorganic Chemistry</i> , 2007, 46, 625-637.	1.9	108
105	A Novel Strategy for the Design of 8-Hydroxyquinolate-Based Lanthanide Bioprobes That Emit in the Near Infrared Range. <i>Chemistry - A European Journal</i> , 2007, 13, 936-944.	1.7	111
106	Rational Tuning of Melting Entropies for Designing Luminescent Lanthanide-Containing Thermotropic Liquid Crystals at Room Temperature. <i>Chemistry - A European Journal</i> , 2007, 13, 8696-8713.	1.7	39
107	Non-cytotoxic, Bifunctional Eu(III) and Tb(III) Luminescent Macrocyclic Complexes for Luminescence Resonant Energy Transfer Experiments. <i>Chemistry - A European Journal</i> , 2007, 13, 8678-8687.	1.7	26
108	A Polyoxyethylene-Substituted Bimetallic Europium Helicate for Luminescent Staining of Living Cells. <i>Chemistry - A European Journal</i> , 2007, 13, 9515-9526.	1.7	97

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109	Lanthanide Complexes with a Calix[8]arene Bearing Phosphinoyl Pendant Arms. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2315-2326.	1.0	35
110	New Opportunities for Lanthanide Luminescence. <i>Journal of Rare Earths</i> , 2007, 25, 257-274.	2.5	483
111	Highly Efficient Near-IR Emitting Yb/Yb and Yb/Al Helicates. <i>Journal of the American Chemical Society</i> , 2007, 129, 14178-14179.	6.6	112
112	Chapter 235 Lanthanide Near-Infrared Luminescence in Molecular Probes and Devices. <i>Fundamental Theories of Physics</i> , 2007, 37, 217-470.	0.1	123
113	Thermodynamic Parameters Governing the Self-Assembly of Head-Head-Head Lanthanide Bimetallic Helicates. <i>Chemistry - A European Journal</i> , 2007, 13, 8404-8410.	1.7	26
114	Stable 8-Hydroxyquinolate-Based Podates as Efficient Sensitizers of Lanthanide Near-Infrared Luminescence. <i>Inorganic Chemistry</i> , 2006, 45, 732-743.	1.9	124
115	Lanthanide Triple-Stranded Helicates: Controlling the Yield of the Heterobimetallic Species. <i>Inorganic Chemistry</i> , 2006, 45, 7806-7814.	1.9	38
116	Encapsulation of labile trivalent lanthanides into a homobimetallic chromium(iii)-containing triple-stranded helicate. Synthesis, characterization, and divergent intramolecular energy transfers. <i>Dalton Transactions</i> , 2006, , 2647-2660.	1.6	64
117	Dual Emission from Luminescent Nonlanthanide Clusters. <i>Inorganic Chemistry</i> , 2006, 45, 3158-3160.	1.9	64
118	Benefiting from the Unique Properties of Lanthanide Ions. <i>Accounts of Chemical Research</i> , 2006, 39, 53-61.	7.6	980
119	Lanthanide-containing luminescent molecular edifices. <i>Journal of Alloys and Compounds</i> , 2006, 408-412, 934-944.	2.8	31
120	Luminescent properties of an Yb podate in sol-gel silica films, solution, and solid state. <i>Chemical Physics Letters</i> , 2006, 432, 128-132.	1.2	20
121	Use of Dipicolinate-Based Complexes for Producing Ion-Imprinted Polystyrene Resins for the Extraction of Yttrium-90 and Heavy Lanthanide Cations. <i>Chemistry - A European Journal</i> , 2006, 12, 6852-6864.	1.7	43
122	NIR Lanthanide Luminescence by Energy Transfer from Appended Terpyridine-Boradiazaindacene Dyes. <i>Chemistry - A European Journal</i> , 2006, 12, 5060-5067.	1.7	112
123	Fluorinated β^2 -Diketones for the Extraction of Lanthanide Ions: Photophysical Properties and Hydration Numbers of Their Eu(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 473-480.	1.0	34
124	Dimeric Complexes of Lanthanide(III) Hexafluoroacetylacetonates with 4-Cyanopyridine N-Oxide: Synthesis, Crystal Structure, Magnetic and Photoluminescent Properties. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4809-4820.	1.0	79
125	Introducing Bulky Functional Lanthanide Cores into Thermotropic Metallomesogens: A Bottom-Up Approach. <i>Advanced Functional Materials</i> , 2006, 16, 157-168.	7.8	86
126	Thermotropic lanthanidomesogens. <i>Chemical Communications</i> , 2006, , 3755-3768.	2.2	95

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127	Taking advantage of luminescent lanthanide ions. <i>Chemical Society Reviews</i> , 2005, 34, 1048.	18.7	3,335
128	Intense Near-Infrared Luminescence of a Mesomorphic Ionic Liquid Doped with Lanthanide $\hat{2}$ -Diketonate Ternary Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4739-4744.	1.0	97
129	Tuning the Decay Time of Lanthanide-Based Near Infrared Luminescence from Micro- to Milliseconds through $\hat{2}$ Energy Transfer in Discrete Heterobimetallic Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 3228-3242.	1.7	176
130	Rare Earth Luminescent Centers in Organic and Biochemical Compounds. <i>Springer Series in Materials Science</i> , 2005, , 462-499.	0.4	25
131	Evidencing a reaction intermediate in the formation of the EuIII bimetallic complex with p-tert-butylcalix[8]arene. <i>Physical Chemistry Chemical Physics</i> , 2005, 7, 2191.	1.3	10
132	Molecular Control of Macroscopic Cubic, Columnar, and Lamellar Organizations in Luminescent Lanthanide-Containing Thermotropic Liquid Crystals. <i>Journal of the American Chemical Society</i> , 2005, 127, 888-903.	6.6	147
133	Lanthanide luminescent mesomorphic complexes with macrocycles derived from diaza-18-crown-6. <i>New Journal of Chemistry</i> , 2005, 29, 1323.	1.4	40
134	Lanthanide 8-hydroxyquinoline-based podates with efficient emission in the NIR range. <i>Chemical Communications</i> , 2005, , 1432-1434.	2.2	84
135	Lanthanide Homobimetallic Triple-Stranded Helicates: Insight into the Self-Assembly Mechanism. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 51-62.	1.0	71
136	EuIII Luminescence in a Hygroscopic Ionic Liquid: Effect of Water and Evidence for a Complexation Process. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1190-1197.	1.0	80
137	Tuning the Stoichiometry of Lanthanide Complexes with Calixarenes: Bimetallic Complexes with a Calix[6]arene Bearing Ether-Amide Pendant Arms. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2348-2355.	1.0	23
138	Cobalt(II), Nickel(II), Copper(II), and Zinc(II) Complexes with ap-tert-Butylcalix[4]arene Fitted with Phosphinoyl Pendant Arms. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2173-2179.	1.0	19
139	Programming Heteropolymetallic Lanthanide Helicates: Thermodynamic Recognition of Different Metal Ions Along the Strands. <i>Chemistry - A European Journal</i> , 2004, 10, 1091-1105.	1.7	72
140	Tuning facial $\hat{2}$ meridional isomerisation in monometallic nine-co-ordinate lanthanide complexes with unsymmetrical tridentate ligands. <i>Dalton Transactions</i> , 2004, , 723-733.	1.6	35
141	Proton-assisted dissociation of a triple-stranded dinuclear europium helicate. <i>New Journal of Chemistry</i> , 2004, 28, 1096-1099.	1.4	14
142	Metal-Centered Photoluminescence as a Tool for Detecting Phase Transitions in EuIII- and TbIII-Containing Metallomesogens. <i>Chemistry of Materials</i> , 2004, 16, 3257-3266.	3.2	63
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270	Complexes of lanthanoid salts with macrocyclic ligands. Part 25. Lanthanoid trifluoroacetate complexes with 12-crown-4, 15-crown-5, and 18-crown-6 ethers. <i>Inorganica Chimica Acta</i> , 1985, 110, 225-235.	1.2	17

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271	Polynuclear complexes of 3d and 4f transition metals. Synthesis and structure of lanthanide(III) adducts with copper and nickel Schiff's base complexes as ligands. <i>Inorganica Chimica Acta</i> , 1985, 109, 185-192.	1.2	25
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273	The He(I±) PE spectra and electronic absorption spectra of hexafluorocyclobutanone and of tetrafluoro-1,2-cyclobutane-dione. <i>Chemische Berichte</i> , 1985, 118, 2127-2133.	0.2	3
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278	LANTHANIDE TRIFLUOROACETATE COMPLEXES WITH CROWN ETHERS**Part 22 of the series "Complexes of Lanthanoid Salts with Macrocyclic Ligands" Part 21, see reference 4. , 1985, , 158-161.		0
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280	Spectroscopic investigation of europium(III) nitrate complexes in anhydrous and aqueous acetonitrile. <i>Inorganica Chimica Acta</i> , 1984, 94, 301-308.	1.2	32
281	Solvation of neodymium(III) perchlorate and nitrate in organic solvents as determined by spectroscopic measurements. <i>Inorganica Chimica Acta</i> , 1984, 95, 105-112.	1.2	31
282	Rare earth complexes with neutral macrocyclic ligands. <i>Coordination Chemistry Reviews</i> , 1984, 60, 191-253.	9.5	156
283	Crystal and Molecular Structure of the 4:3 Complex between Lanthanum Nitrate and Pentaethyleneglycol Dimethyl Ether. <i>Helvetica Chimica Acta</i> , 1984, 67, 1121-1127.	1.0	19
284	Spectroscopic properties of anhydrous and aqueous solutions of terbium perchlorate and nitrate: Coordination numbers of the Tb(III) ion. <i>Inorganica Chimica Acta</i> , 1983, 73, 53-61.	1.2	42
285	The structure of [Eu(NO ₃) ₂ (18-crown-6)] ₃ Eu(NO ₃) ₆ as probed by laser-excited emission spectroscopy. <i>Journal of the Less Common Metals</i> , 1983, 94, 407-408.	0.9	1
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290	The Photoelectron Spectrum of [18]Annulene. <i>Helvetica Chimica Acta</i> , 1982, 65, 582-586.	1.0	9
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293	Crystal and molecular structure of the 4:3 complex of 18-crown-6 ether with neodymium nitrate.. <i>Inorganica Chimica Acta</i> , 1982, 64, L54.	1.2	0
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299	Crystal and molecular structure of the 4:3 complex of 18-crown-6 ether with neodymium nitrate. <i>Inorganica Chimica Acta</i> , 1981, 54, L43-L46.	1.2	52
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303	Comment of the use of HgCo(NCS) ₄ as susceptibility standard. <i>Inorganica Chimica Acta</i> , 1979, 36, L413-L414.	1.2	35
304	Synthesis and characterization of Pr(III) complexes with 15-Crown-5 and 18-Crown-6 Ethers*. <i>Inorganica Chimica Acta</i> , 1979, 32, L33-L36.	1.2	37
305	Thermogravimetric Study of Lanthanoid(III) Complexes with Crown Ethers. <i>Exs</i> , 1979, , 44-48.	1.4	3
306	Lanthanoid(III) Complexes with 18-Crown-6 Ether: Heat of Formation in Anhydrous Acetonitrile. <i>Exs</i> , 1979, , 49-53.	1.4	3

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308	Vibrational Spectra of Anhydrous Lanthanum, Europium, Gadolinium, and Dysprosium Nitrates and Oxinitrates. <i>Helvetica Chimica Acta</i> , 1978, 61, 762-771.	1.0	54
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311	Assignment of the doublet states arising from ionization of chlorine lone-pairs in molecules possessing C2 \bar{v} symmetry. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1976, 9, 289-305.	0.8	26
312	Enthalpy and kinetics of isomerization of quadricyclane to norbornadiene. Strain energy of quadricyclane. <i>Journal of the American Chemical Society</i> , 1975, 97, 1510-1512.	6.6	72
313	The Stabilization Energy of [18] Annulene. A thermochemical determination. <i>Helvetica Chimica Acta</i> , 1974, 57, 2276-2288.	1.0	22
314	Through-space interaction in non-conjugated acyclic dienes studied by photoelectron spectroscopy. <i>Tetrahedron</i> , 1973, 29, 3735-3739.	1.0	29
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319	ComposÃ©s d'addition des halogÃ©nures de niobium(V) et de tantale(V): VI. RÃ©actions d'Ã©change des composÃ©s du chlorure de niobium(V) avec quelques nitriles. <i>Helvetica Chimica Acta</i> , 1972, 55, 1903-1910.	1.0	7
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