

# Claude Piguet

## 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.

216  
papers

15,241  
citations

59  
h-index

117  
g-index

242  
ext. papers

16,177  
ext. citations

7.6  
avg, IF

6.64  
L-index

#	Paper	IF	Citations
216	Metal-Based Linear Light Upconversion Implemented in Molecular Complexes: Challenges and Perspectives.. <i>Accounts of Chemical Research</i> , <b>2022</b> ,	24.3	3
215	Bottom-Up Approach for the Rational Loading of Linear Oligomers and Polymers with Lanthanides. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 15529-15542	5.1	0
214	Röntgenbild: Bright Long-Lived Circularly Polarized Luminescence in Chiral Chromium(III) Complexes (Angew. Chem. 18/2021). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 10524-10524	3.6	
213	Bright Long-Lived Circularly Polarized Luminescence in Chiral Chromium(III) Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 10095-10102	16.4	23
212	Bright Long-Lived Circularly Polarized Luminescence in Chiral Chromium(III) Complexes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 10183-10190	3.6	4
211	Heteroleptic trivalent chromium in coordination chemistry: Novel building blocks for addressing old challenges in multimetallic luminescent complexes. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 434, 213750	23.2	5
210	A Near-Infrared-II Emissive Chromium(III) Complex. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 23722-23728	16.4	14
209	Molecular light-upconversion: we have had a problem! When excited state absorption (ESA) overcomes energy transfer upconversion (ETU) in Cr(III)/Er(III) complexes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 7955-7968	4.3	3
208	A Near-Infrared-II Emissive Chromium(III) Complex. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 23915	3.6	0
207	Ligand-Sensitized Near-Infrared to Visible Linear Light Upconversion in a Discrete Molecular Erbium Complex. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 15326-15334	16.4	7
206	Chiral Chromium(III) Complexes as Promising Candidates for Circularly Polarized Luminescence. <i>ChemPhotoChem</i> , <b>2021</b> , 5, 880	3.3	6
205	Tuning spin-crossover transition temperatures in non-symmetrical homoleptic meridional/faceal [Fe(didentate)] complexes: what for and who cares about it?. <i>Dalton Transactions</i> , <b>2021</b> , 50, 1206-1223	4.3	3
204	Beyond Chiral Organic (p-Block) Chromophores for Circularly Polarized Luminescence: The Success of d-Block and f-Block Chiral Complexes. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 555	5	26
203	Erbium complexes as pioneers for implementing linear light-upconversion in molecules. <i>Materials Horizons</i> , <b>2020</b> , 7, 1279-1296	14.4	29
202	The Tyranny of Arm-Wrestling Methyls on Iron(II) Spin State in Pseudo-Octahedral [Fe(didentate) <sub>3</sub> ] Complexes. <i>Chemistry</i> , <b>2020</b> , 2, 231-252	2.1	1
201	Key Strategy for the Rational Incorporation of Long-Lived NIR Emissive Cr(III) Chromophores into Polymetallic Architectures. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 1424-1435	5.1	5
200	Monitoring Fe(II) Spin-State Equilibria via Eu(III) Luminescence in Molecular Complexes: Dream or Reality?. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 1091-1103	5.1	10

199	Luminescent polypyridyl heteroleptic Cr complexes with high quantum yields and long excited state lifetimes. <i>Dalton Transactions</i> , <b>2020</b> , 49, 13528-13532	4.3	11
198	Neutral Heteroleptic Lanthanide Complexes for Unravelling Host-Guest Assemblies in Organic Solvents: The Law of Mass Action Revisited. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 62-75	5.1	7
197	Deciphering and quantifying linear light upconversion in molecular erbium complexes. <i>Chemical Science</i> , <b>2019</b> , 10, 6876-6885	9.4	21
196	Set Aside when Building the Periodic Table 150 Years ago, are Rare Earths any better considered by Chemists in the 21 Century?. <i>Chimia</i> , <b>2019</b> , 73, 165-172	1.3	3
195	Chiral Molecular Ruby [Cr(dqp)] with Long-Lived Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 13244-13252	16.4	76
194	Excimer-Based On-Off Bis(pyreneamide) Macrocyclic Chemosensors. <i>Helvetica Chimica Acta</i> , <b>2018</b> , 101, e1700265	2	12
193	Thermodynamic Programming of Erbium(III) Coordination Complexes for Dual Visible/Near-Infrared Luminescence. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 13158-13169	4.8	19
192	On-Demand Degradation of Metal-Organic Framework Based on Photocleavable Dianthracene-Based Ligand. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 10820-10828	16.4	36
191	cis- and trans-9,10-di(1H-imidazol-1-yl)-anthracene based coordination polymers of Zn and Cd: synthesis, crystal structures and luminescence properties. <i>Dalton Transactions</i> , <b>2018</b> , 47, 596-607	4.3	15
190	A Rational Approach to Metal Loading of Organic Multi-Site Polymers: Illusion or Reality?. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 5423-5433	4.8	6
189	Cooperative loading of multisite receptors with lanthanide containers: an approach for organized luminescent metallopolymers. <i>Chemical Science</i> , <b>2018</b> , 9, 325-335	9.4	21
188	Versatile heteroleptic bis-terdentate Cr(III) chromophores displaying room temperature millisecond excited state lifetimes. <i>Chemical Communications</i> , <b>2018</b> , 54, 13228-13231	5.8	25
187	Room-Temperature Linear Light Upconversion in a Mononuclear Erbium Molecular Complex. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 15172-15176	16.4	25
186	Room-Temperature Linear Light Upconversion in a Mononuclear Erbium Molecular Complex. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 15392-15396	3.6	6
185	Heteroleptic Ter-Bidentate Cr(III) Complexes as Tunable Optical Sensitizers. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 14362-14373	5.1	20
184	Deciphering the Influence of Meridional versus Facial Isomers in Spin Crossover Complexes. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 16873-16888	4.8	9
183	Taking a last look at lanthanidomesogens? The use of basic thermodynamics for programming the temperature domains of existence of luminescent liquid crystals. <i>Coordination Chemistry Reviews</i> , <b>2017</b> , 340, 79-97	23.2	15
182	Controlling Lanthanide Exchange in Triple-Stranded Helicates: A Way to Optimize Molecular Light-Upconversion. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14804-14809	3.6	5

181	Controlling Lanthanide Exchange in Triple-Stranded Helicates: A Way to Optimize Molecular Light-Upconversion. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 14612-14617	16.4	30
180	Chemical Potential of the Solvent: A Crucial Player for Rationalizing Host-Guest Affinities. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 16787-16798	4.8	9
179	Cr as an alternative to Ru in metallo-supramolecular chemistry. <i>Dalton Transactions</i> , <b>2017</b> , 46, 8992-9009	4.3	32
178	Fluorescence quantum yield rationalized by the magnitude of the charge transfer in $\pi$ -conjugated terpyridine derivatives. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 29387-29394	3.6	17
177	Looking for the Origin of Allosteric Cooperativity in Metallopolymers. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 8113-23	4.8	17
176	Meta-xylene: identification of a new antigenic entity in hypersensitivity reactions to local anesthetics. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2016</b> , 4, 162-4	5.4	10
175	Kinetics of Rh(II)-Catalyzed Diazo-ketoester Decomposition and Application to the [3+6+3+6] Synthesis of Macrocycles on a Large Scale and at Low Catalyst Loadings. <i>ACS Catalysis</i> , <b>2016</b> , 6, 4877-4881	13.1	24
174	Chemical Programming of the Domain of Existence of Liquid Crystals. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 1385-91	4.8	6
173	Taming Lanthanide-Centered Upconversion at the Molecular Level. <i>Inorganic Chemistry</i> , <b>2016</b> , 55, 9964-9972	9.7	46
172	A quantitative assessment of chemical perturbations in thermotropic cyanobiphenyls. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 14479-94	3.6	3
171	Metal loading of lanthanidopolymers driven by positive cooperativity. <i>Dalton Transactions</i> , <b>2015</b> , 44, 13250-60	4.3	9
170	Synthesis, characterization, and tuning of the liquid crystal properties of ionic materials based on the cyclic polyoxothiometalate $[\{Mo_4O_4S_4(H_2O)_3(OH)_2\}_2(P_8W_{48}O_{184})]^{36-}$ . <i>Soft Matter</i> , <b>2015</b> , 11, 1087-99	3.6	14
169	Smaller than a nanoparticle with the design of discrete polynuclear molecular complexes displaying near-infrared to visible upconversion. <i>Dalton Transactions</i> , <b>2015</b> , 44, 2529-40	4.3	42
168	Synthesis, Characterization and Study of Liquid Crystals Based on the Ionic Association of the Keplerate Anion $[Mo_{132}O_{372}(CH_3COO)_{30}(H_2O)_72]^{42-}$ and Imidazolium Cations. <i>Inorganics</i> , <b>2015</b> , 3, 246-266	2.9	10
167	Microscopic Thermodynamic Descriptors for Rationalizing Lanthanide Complexation Processes. <i>Fundamental Theories of Physics</i> , <b>2015</b> , 209-271	0.8	2
166	Lanthanide loading of luminescent multi-tridentate polymers under thermodynamic control. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 3568-78	5.1	25
165	Extricating erbium. <i>Nature Chemistry</i> , <b>2014</b> , 6, 370	17.6	5
164	Melting temperatures deduced from molar volumes: a consequence of the combination of enthalpy/entropy compensation with linear cohesive free-energy densities. <i>RSC Advances</i> , <b>2014</b> , 4, 15740	3.7	11

163	Lanthanide-to-lanthanide energy-transfer processes operating in discrete polynuclear complexes: can trivalent europium be used as a local structural probe?. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 12172-82	4.8	22
162	Thermodynamic N-donor trans influence in labile pseudo-octahedral zinc complexes: a delusion?. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 13093-104	5.1	8
161	Near-Infrared to Visible Light-Upconversion in Molecules: From Dream to Reality. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 26957-26963	3.8	39
160	Monitoring helical twists and effective molarities in dinuclear triple-stranded lanthanide helicates. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11047-55	4.3	17
159	Implementing Liquid-Crystalline Properties in Single-Stranded Dinuclear Lanthanide Helicates. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 3323-3333	2.3	7
158	Lanthanide hexafluoroacetylacetonates vs. nitrates for the controlled loading of luminescent polynuclear single-stranded oligomers. <i>Chemical Science</i> , <b>2013</b> , 4, 1125	9.4	22
157	A polyaromatic terdentate binding unit with fused 5,6-membered chelates for complexing s-, p-, d-, and f-block cations. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 5570-80	5.1	12
156	Enthalpy-entropy compensation combined with cohesive free-energy densities for tuning the melting temperatures of cyanobiphenyl derivatives. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 8447-56	4.8	8
155	Perfluorinated Aromatic Spacers for Sensitizing Europium(III) Centers in Dinuclear Oligomers: Better than the Best by Chemical Design?. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 11464-11467	3.6	4
154	Perfluorinated aromatic spacers for sensitizing europium(III) centers in dinuclear oligomers: better than the best by chemical design?. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 11302-5	16.4	25
153	Evidence of ionic liquid crystal properties for a DODA <sup>+</sup> salt of the keplerate [Mo <sub>132</sub> O <sub>372</sub> (CH <sub>3</sub> COO) <sub>30</sub> (H <sub>2</sub> O) <sub>72</sub> ] <sub>42</sub> . <i>New Journal of Chemistry</i> , <b>2012</b> , 36, 865	3.6	36
152	Allosteric effects in binuclear homo- and heterometallic triple-stranded lanthanide podates. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10012-24	5.1	6
151	Optical sensitization and upconversion in discrete polynuclear chromium-lanthanide complexes. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 1644-1663	23.2	79
150	Protonation and complexation properties of polyaromatic terdentate six-membered chelate ligands. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 8567-75	5.1	9
149	N-Heterocyclic tridentate aromatic ligands bound to [Ln(hexafluoroacetylacetonate) <sub>3</sub> ] units: thermodynamic, structural, and luminescent properties. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 7155-68	4.8	48
148	Optimizing millisecond time scale near-infrared emission in polynuclear chrome(III)-lanthanide(III) complexes. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 12675-84	16.4	101
147	Looking for the origin of the switch between coordination-captured helicates and catenates. <i>Dalton Transactions</i> , <b>2012</b> , 41, 7218-26	4.3	9
146	Optimizing sensitization processes in dinuclear luminescent lanthanide oligomers: selection of rigid aromatic spacers. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 16219-34	16.4	73

145	Enthalpy-entropy correlations as chemical guides to unravel self-assembly processes. <i>Dalton Transactions</i> , <b>2011</b> , 40, 8059-71	4.3	29
144	Near-Infrared->Visible Light Upconversion in a Molecular Trinuclear dff Complex. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4194-4198	3.6	28
143	Near-infrared->visible light upconversion in a molecular trinuclear d-f-d complex. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4108-12	16.4	142
142	Silver baits for the "miraculous draught" of amphiphilic lanthanide helicates. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 184-95	4.8	12
141	Chapter 247 Self-Assembled Lanthanide Helicates. <i>Fundamental Theories of Physics</i> , <b>2010</b> , 301-553	0.8	13
140	Five thermodynamic descriptors for addressing serendipity in the self-assembly of polynuclear complexes in solution. <i>Chemical Communications</i> , <b>2010</b> , 46, 6209-31	5.8	63
139	Planned failures from the principle of maximum site occupancy in lanthanide helicates. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1252-65	5.1	29
138	Dimerization of dendrimeric lanthanide complexes: thermodynamic, thermal, and liquid-crystalline properties. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 8601-19	5.1	31
137	Enthalpy/Entropy Compensation in the Melting of Thermotropic Nitrogen-Containing Chelating Ligands and Their Lanthanide Complexes: Successes and Failures. <i>European Journal of Inorganic Chemistry</i> , <b>2010</b> , 2010, 2746-2759	2.3	11
136	Intermetallic Interactions Within Solvated Polynuclear Complexes: A Misunderstood Concept. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 129-132	3.6	14
135	Intermetallic interactions within solvated polynuclear complexes: a misunderstood concept. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 125-8	16.4	42
134	Understanding, controlling and programming cooperativity in self-assembled polynuclear complexes in solution. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 12702-18	4.8	42
133	A simple chemical tuning of the effective concentration: selection of single-, double-, and triple-stranded binuclear lanthanide helicates. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 12719-32	4.8	23
132	Self-assembly of the first discrete 3d-4f-4f triple-stranded helicate. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 5512-25	5.1	40
131	Complexation of trivalent lanthanides with planar tridentate aromatic ligands tuned by counteranions and steric constraints. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 1132-47	5.1	51
130	In search for tuneable intramolecular intermetallic interactions in polynuclear lanthanide complexes. <i>Dalton Transactions</i> , <b>2009</b> , 7625-38	4.3	31
129	Structural, spectroscopic, and thermodynamic consequences of anti-chelate effect in nine-coordinate lanthanide podates. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 2549-60	5.1	9
128	Effective concentration as a tool for quantitatively addressing preorganization in multicomponent assemblies: application to the selective complexation of lanthanide cations. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 1025-40	16.4	50

127	Towards inert and preorganized d-block-containing receptors for trivalent lanthanides: the synthesis and characterization of triple-helical monometallic Os(II) and bimetallic Os(II)-Ln(III) complexes. <i>Dalton Transactions</i> , <b>2008</b> , 3661-77	4.3	26
126	Thermodynamics of dimerization in solution as a rational tool for inducing nematic vs. smectic organizations in lanthanidomesogens. <i>Chemical Communications</i> , <b>2008</b> , 181-3	5.8	15
125	Linear polynuclear helicates as a link between discrete supramolecular complexes and programmed infinite polymetallic chains. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 2994-3005	4.8	40
124	Symmetry numbers and statistical factors in self-assembly and multivalency. <i>Journal of Physical Chemistry B</i> , <b>2007</b> , 111, 12195-203	3.4	100
123	The origin of the surprising stabilities of highly charged self-assembled polymetallic complexes in solution. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 3511-22	5.1	45
122	Structure, formation, and dynamics of Mo(12) and Mo(16) oxothiomolybdenum rings containing terephthalate derivatives. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 3548-57	4.8	37
121	Tuning the polarization along linear polyaromatic strands for rationally inducing mesomorphism in lanthanide nitrate complexes. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1674-91	4.8	30
120	Rational tuning of melting entropies for designing luminescent lanthanide-containing thermotropic liquid crystals at room temperature. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8696-713	4.8	36
119	Host-guest adaptability within oxothiomolybdenum wheels: structures, studies in solution and DFT calculations. <i>Dalton Transactions</i> , <b>2007</b> , 3043-54	4.3	36
118	Tuneable intramolecular intermetallic interactions as a new tool for programming linear heterometallic 4f-4f complexes. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 9312-22	5.1	37
117	A justification for using NMR model-free methods when investigating the solution structures of rhombic paramagnetic lanthanide complexes. <i>Magnetic Resonance in Chemistry</i> , <b>2006</b> , 44, 539-52	2.1	25
116	Thermotropic lanthanidomesogens. <i>Chemical Communications</i> , <b>2006</b> , 3755-68	5.8	92
115	How to adapt Scatchard plot for graphically addressing cooperativity in multicomponent self-assemblies. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 7783-92	3.4	30
114	Encoding calamitic mesomorphism in thermotropic lanthanidomesogens. <i>Chemical Communications</i> , <b>2006</b> , 2922-4	5.8	21
113	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> , <b>2006</b> , 2647-60	4.3	59
112	Structural, thermodynamic, and mesomorphic consequences of replacing nitrates with trifluoroacetate counteranions in ternary lanthanide complexes with hexacatenar tridentate ligands. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 2989-3003	5.1	16
111	Covalent tripods for assembling triple-helical lanthanide podates. <i>Comptes Rendus Chimie</i> , <b>2006</b> , 9, 1158-1162	4	4
110	Ion binding to polyelectrolytes. <i>Current Opinion in Colloid and Interface Science</i> , <b>2006</b> , 11, 280-289	7.6	65

109	Simple thermodynamics for unravelling sophisticated self-assembly processes. <i>Dalton Transactions</i> , <b>2006</b> , 1473-90	4.3	75
108	Isolation and characterization of the first circular single-stranded polymetallic lanthanide-containing helicate. <i>Chemical Communications</i> , <b>2005</b> , 2235-7	5.8	68
107	Molecular control of macroscopic cubic, columnar, and lamellar organizations in luminescent lanthanide-containing thermotropic liquid crystals. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 888-903	16.4	141
106	Lanthanide luminescent mesomorphic complexes with macrocycles derived from diaza-18-crown-6. <i>New Journal of Chemistry</i> , <b>2005</b> , 29, 1323	3.6	38
105	Strict self-assembly of polymetallic helicates: the concepts behind the semantics. <i>Coordination Chemistry Reviews</i> , <b>2005</b> , 249, 705-726	23.2	243
104	Taking advantage of luminescent lanthanide ions. <i>Chemical Society Reviews</i> , <b>2005</b> , 34, 1048-77	58.5	2994
103	Predictions, synthetic strategy, and isolation of a linear tetrametallic triple-stranded lanthanide helicate. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 7954-8	16.4	75
102	Predictions, Synthetic Strategy, and Isolation of a Linear Tetrametallic Triple-Stranded Lanthanide Helicate. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 8168-8172	3.6	23
101	Tuning the decay time of lanthanide-based near infrared luminescence from micro- to milliseconds through d $\rightarrow$ f energy transfer in discrete heterobimetallic complexes. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 3228-42	4.8	161
100	A simple thermodynamic model for quantitatively addressing cooperativity in multicomponent self-assembly processes--Part 2: Extension to multimetallic helicates possessing different binding sites. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 5227-37	4.8	52
99	A simple thermodynamic model for quantitatively addressing cooperativity in multicomponent self-assembly processes--part 1: Theoretical concepts and application to monometallic coordination complexes and bimetallic helicates possessing identical binding sites. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 5217-26	4.8	58
98	Programming heteropolymetallic lanthanide helicates: thermodynamic recognition of different metal ions along the strands. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1091-105	4.8	64
97	Ruthenium(II) as a novel "labile" partner in thermodynamic self-assembly of heterobimetallic d-f triple-stranded helicates. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 3503-16	4.8	52
96	Tuning facial-meridional isomerisation in monometallic nine-co-ordinate lanthanide complexes with unsymmetrical tridentate ligands. <i>Dalton Transactions</i> , <b>2004</b> , 723-33	4.3	33
95	CD spectra of d-f heterobimetallic helicates with segmental di-imine ligands. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 5302-10	5.1	38
94	Statistical mechanical approach to competitive binding of metal ions to multi-center receptors. <i>Dalton Transactions</i> , <b>2004</b> , 4096-105	4.3	42
93	The first enantiomerically pure helical noncovalent tripod for assembling nine-coordinate lanthanide(III) podates. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 1840-9	5.1	114
92	Metal-Centered Photoluminescence as a Tool for Detecting Phase Transitions in Eu(III)- and Tb(III)-Containing Metallomesogens. <i>Chemistry of Materials</i> , <b>2004</b> , 16, 3257-3266	9.6	62



91	The solution structure of rhombic lanthanide complexes analyzed with a Model-free and crystal-field independent paramagnetic NMR method: application to nonaxial trimetallic complexes [Ln <sub>x</sub> Lu <sub>(3-x)</sub> (TACI-3H) <sub>2</sub> (H <sub>2</sub> O) <sub>6</sub> ] <sub>3+</sub> (x = 1-3). <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 1517-29	5.1	21
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87	A novel extended covalent tripod for assembling nine-coordinate lanthanide(III) podates: a delicate balance between flexibility and rigidity. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 1062-74	4.8	29
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