

# Claude Piguet

## List of Publications by Year in descending order

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220  
papers

17,774  
citations

17405

63  
h-index

14702

127  
g-index

242  
all docs

242  
docs citations

242  
times ranked

9775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Taking advantage of luminescent lanthanide ions. <i>Chemical Society Reviews</i> , 2005, 34, 1048.	18.7	3,335
2	Helicates as Versatile Supramolecular Complexes. <i>Chemical Reviews</i> , 1997, 97, 2005-2062.	23.0	1,649
3	Lanthanide-Containing Molecular and Supramolecular Polymetallic Functional Assemblies. <i>Chemical Reviews</i> , 2002, 102, 1897-1928.	23.0	961
4	Mono- and polymetallic lanthanide-containing functional assemblies: a field between tradition and novelty. <i>Chemical Society Reviews</i> , 1999, 28, 347-358.	18.7	354
5	Self-assembly and photophysical properties of lanthanide dinuclear triple-helical complexes. <i>Journal of the American Chemical Society</i> , 1993, 115, 8197-8206.	6.6	308
6	Strict self-assembly of polymetallic helicates: the concepts behind the semantics. <i>Coordination Chemistry Reviews</i> , 2005, 249, 705-726.	9.5	253
7	Extending Lifetimes of Lanthanide-Based Near-Infrared Emitters (Nd, Yb) in the Millisecond Range through Cr(III) Sensitization in Discrete Bimetallic Edifices. <i>Journal of the American Chemical Society</i> , 2003, 125, 15698-15699.	6.6	244
8	Lanthanide Podates with Predetermined Structural and Photophysical Properties: Strongly Luminescent Self-Assembled Heterodinuclear d <sup>f</sup> Complexes with a Segmental Ligand Containing Heterocyclic Imines and Carboxamide Binding Units. <i>Journal of the American Chemical Society</i> , 1996, 118, 6681-6697.	6.6	233
9	Lanthanide Helicates Self-Assembled in Water: A New Class of Highly Stable and Luminescent Dimetallic Carboxylates. <i>Journal of the American Chemical Society</i> , 1999, 121, 10747-10762.	6.6	217
10	Visible and Near-Infrared Luminescence of Lanthanide-Containing Dimetallic Triple-Stranded Helicates: Energy Transfer Mechanisms in the Sm <sup>III</sup> and Yb <sup>III</sup> Molecular Edifices. <i>Journal of Physical Chemistry A</i> , 2002, 106, 1670-1677.	1.1	199
11	Paramagnetic Susceptibility by NMR: The "Solvent Correction" Removed for Large Paramagnetic Molecules. <i>Journal of Chemical Education</i> , 1997, 74, 815.	1.1	187
12	Self-assembly of double and triple helices controlled by metal ion stereochemical preference. <i>Journal of the American Chemical Society</i> , 1992, 114, 7440-7451.	6.6	183
13	Tuning the Decay Time of Lanthanide-Based Near Infrared Luminescence from Micro- to Milliseconds through d <sup>f</sup> Energy Transfer in Discrete Heterobimetallic Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 3228-3242.	1.7	176
14	Near-Infrared to Visible Light Upconversion in a Molecular Trinuclear d <sup>f</sup> Complex. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4108-4112.	7.2	171
15	Self-assembly of dinuclear helical and non-helical complexes with copper(I). <i>Journal of the American Chemical Society</i> , 1992, 114, 4230-4237.	6.6	158
16	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
17	A Self-Assembling Triple-Helical Co <sup>II</sup> Complex : Synthesis and Structure. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1490-1492.	4.4	141
18	Influence of charge-transfer states on the Eu(III) luminescence in mononuclear triple helical complexes with tridentate aromatic ligands. <i>Journal of Luminescence</i> , 1999, 82, 69-79.	1.5	135

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19	Chiral Molecular Ruby [Cr(dqp) <sub>2</sub> ] <sup>3+</sup> with Long-Lived Circularly Polarized Luminescence. <i>Journal of the American Chemical Society</i> , 2019, 141, 13244-13252.	6.6	135
20	Structural and photophysical properties of lanthanide complexes with planar aromatic tridentate nitrogen ligands as luminescent building blocks for triple-helical structures. <i>Inorganic Chemistry</i> , 1993, 32, 4139-4149.	1.9	129
21	High-Spin Iron(II) as a Semitransparent Partner for Tuning Europium(III) Luminescence in Heterodimetallic d-f Complexes. <i>Chemistry - A European Journal</i> , 2001, 7, 3014-3024.	1.7	126
22	Nine-Coordinate Lanthanide Podates with Predetermined Structural and Electronic Properties: A Facial Organization of Unsymmetrical Tridentate Binding Units by a Protonated Covalent Tripod. <i>Journal of the American Chemical Society</i> , 1999, 121, 9326-9342.	6.6	124
23	The First Enantiomerically Pure Helical Noncovalent Tripod for Assembling Nine-Coordinate Lanthanide(III) Podates. <i>Inorganic Chemistry</i> , 2004, 43, 1840-1849.	1.9	123
24	Preparation and crystal structure of the unusual double-helical copper(I) complex bis(2,6-bis(1-methylbenzimidazol-2-yl)pyridine)dicopper(I) naphthalene-1,5-disulfonate. <i>Inorganic Chemistry</i> , 1989, 28, 2920-2925.	1.9	122
25	Self-Assembled Dinuclear Lanthanide Helicates: A Substantial Luminescence Enhancement upon Replacing Terminal Benzimidazole Groups by Carboxamide Binding Units. <i>Inorganic Chemistry</i> , 1998, 37, 577-589.	1.9	122
26	Luminescent Properties of Lanthanide Nitrate Complexes with Substituted Bis(benzimidazolyl)pyridines. <i>Inorganic Chemistry</i> , 1997, 36, 1345-1353.	1.9	117
27	Optimizing Millisecond Time Scale Near-Infrared Emission in Polynuclear Chrome(III) Lanthanide(III) Complexes. <i>Journal of the American Chemical Society</i> , 2012, 134, 12675-12684.	6.6	117
28	Design of luminescent building blocks for supramolecular triple-helical lanthanide complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 83-97.	1.1	115
29	Self-Assembly of Heteronuclear Supramolecular Helical Complexes with Segmental Ligands. <i>Journal of the American Chemical Society</i> , 1994, 116, 9092-9102.	6.6	111
30	Symmetry Numbers and Statistical Factors in Self-Assembly and Multivalency. <i>Journal of Physical Chemistry B</i> , 2007, 111, 12195-12203.	1.2	110
31	In Search for Mononuclear Helical Lanthanide Building Blocks with Predetermined Properties: Triple-stranded Helical Complexes with <i>N,N,N',N'</i> -tetraethylpyridine-2,6-dicarboxamide. <i>Chemistry - A European Journal</i> , 1997, 3, 1646-1659.	1.7	109
32	Optical sensitization and upconversion in discrete polynuclear chromium lanthanide complexes. <i>Coordination Chemistry Reviews</i> , 2012, 256, 1644-1663.	9.5	104
33	Formation of the First Isomeric [2]Catenates by Self-Assembly about Two Different Metal Ions. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 582-584.	4.4	100
34	Thermotropic lanthanidomesogens. <i>Chemical Communications</i> , 2006, , 3755-3768.	2.2	95
35	Stability and Size-Discriminating Effects in Mononuclear Lanthanide Triple-Helical Building Blocks with Tridentate Aromatic Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 5750-5760.	1.9	94
36	Supramolecular Recognition of Heteropairs of Lanthanide Ions: A Step toward Self-Assembled Bifunctional Probes. <i>Inorganic Chemistry</i> , 2004, 43, 515-529.	1.9	94

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37	Non-covalent lanthanide podates with predetermined physicochemical properties: iron(II) spin-state equilibria in self-assembled heterodinuclear dâ€“f supramolecular complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 421-434.	1.1	93
38	The First Self-Assembled Dinuclear Triple-Helical Lanthanide Complex: Synthesis and Structure. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1622-1624.	4.4	92
39	Structural and Photophysical Properties of Lanthanide Nitrate 1:1 Complexes with planar tridentate nitrogen ligands analogous to 2,2â€“6â€“2,2â€“2-terpyridine. <i>Helvetica Chimica Acta</i> , 1992, 75, 1697-1717.	1.0	92
40	Self-Assembly Mechanism of a Bimetallic Europium Triple-Stranded Helicate. <i>Journal of the American Chemical Society</i> , 2003, 125, 1541-1550.	6.6	90
41	Simple thermodynamics for unravelling sophisticated self-assembly processes. <i>Dalton Transactions</i> , 2006, , 1473.	1.6	87
42	Ion spray-tandem mass spectrometry of supramolecular coordination complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 1994, 5, 748-756.	1.2	86
43	Analysis of Paramagnetic NMR Spectra of Triple-Helical Lanthanide Complexes with 2,6-Dipicolinic Acid Revisited: A New Assignment of Structural Changes and Crystal-Field Effects 25 Years Later. <i>Inorganic Chemistry</i> , 2002, 41, 1436-1445.	1.9	84
44	Predictions, Synthetic Strategy, and Isolation of a Linear Tetrametallic Triple-Stranded Lanthanide Helicate. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7954-7958.	7.2	83
45	Structural, Magnetic, and Electrochemical Properties of Dinuclear Triple Helices: Comparison with Their Mononuclear Analogues. <i>Chemistry - A European Journal</i> , 1998, 4, 485-493.	1.7	81
46	Synthesis, structure and resolution of a dinuclear Co III triple helix. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 1419.	2.0	80
47	A kinetically inert and optically active CrIII partner in thermodynamically self-assembled heterodinuclear non-covalent dâ€“f podates. <i>Dalton Transactions RSC</i> , 2002, , 1929.	2.3	80
48	Optimizing Sensitization Processes in Dinuclear Luminescent Lanthanide Oligomers: Selection of Rigid Aromatic Spacers. <i>Journal of the American Chemical Society</i> , 2011, 133, 16219-16234.	6.6	80
49	Bent Tridentate Receptors in Calamitic Mesophases with Predetermined Photophysical Properties: A New Luminescent Lanthanide-Containing Materials. <i>Journal of the American Chemical Society</i> , 1998, 120, 12274-12288.	6.6	77
50	Models for Copper-Dioxygen Complexes: The chemistry of copper(II) with some planar tridentate nitrogen ligands. <i>Helvetica Chimica Acta</i> , 1989, 72, 323-337.	1.0	75
51	Ion binding to polyelectrolytes. <i>Current Opinion in Colloid and Interface Science</i> , 2006, 11, 280-289.	3.4	75
52	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> , 2020, 8, 555.	1.8	73
53	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
54	Isolation and characterization of the first circular single-stranded polymetallic lanthanide-containing helicate. <i>Chemical Communications</i> , 2005, , 2235.	2.2	72

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55	Five thermodynamic descriptors for addressing serendipity in the self-assembly of polynuclear complexes in solution. <i>Chemical Communications</i> , 2010, 46, 6209.	2.2	72
56	Synthesis of Unsubstituted and 4,4'-Substituted Oligobipyridines as Ligand Strands for Helicate Self-Assembly. <i>Helvetica Chimica Acta</i> , 1991, 74, 594-610.	1.0	71
57	Isolated d <sup>4</sup> f pairs in supramolecular complexes with tunable structural and electronic properties. <i>Dalton Transactions RSC</i> , 2000, , 3999-4006.	2.3	68
58	Discriminating between lanthanide ions: self-assembly of heterodimetallic triple-stranded helicates. <i>Chemical Communications</i> , 2002, , 214-215.	2.2	67
59	Self-assembly of the first heterodinuclear d <sup>4</sup> f triple helix in solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, .	2.0	65
60	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 34, 361-391.	1.6	64
61	Influence of Bulky N-Substituents on the Formation of Lanthanide Triple Helical Complexes with a Ligand Derived from Bis(benzimidazole)pyridine: A Structural and Thermodynamic Evidence. <i>Inorganic Chemistry</i> , 2001, 40, 2642-2651.	1.9	64
62	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
63	Syntheses of Segmental Heteroleptic Ligands for the Self-Assembly of Heteronuclear Helical Supramolecular Complexes. <i>Helvetica Chimica Acta</i> , 1994, 77, 931-942.	1.0	63
64	In Search for Mononuclear Helical Lanthanide Building Blocks with Predetermined Properties: Lanthanide Complexes with Diethyl Pyridine-2,6-dicarboxylate. <i>Chemistry - A European Journal</i> , 1997, 3, 1660-1667.	1.7	63
65	Metal-Centered Photoluminescence as a Tool for Detecting Phase Transitions in Eu(III)- and Tb(III)-Containing Metallomesogens. <i>Chemistry of Materials</i> , 2004, 16, 3257-3266.	3.2	63
66	Connecting Terminal Carboxylate Groups in Nine-Coordinate Lanthanide Podates: Consequences on the Thermodynamic, Structural, Electronic, and Photophysical Properties. <i>Inorganic Chemistry</i> , 2003, 42, 4680-4695.	1.9	62
67	Ein tripelhelicaler Co-Komplex durch Selbstorganisation - Synthese und Struktur. <i>Angewandte Chemie</i> , 1991, 103, 1530-1532.	1.6	61
68	Unusual Electronic Effects of Electron-Withdrawing Sulfonamide Groups in Optically and Magnetically Active Self-Assembled Noncovalent Heterodimetallic d <sup>4</sup> f Podates. <i>Inorganic Chemistry</i> , 2000, 39, 5059-5073.	1.9	61
69	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> , 2005, 11, 5217-5226.	1.7	61
70	The First Self-Assembled Trimetallic Lanthanide Helicates Driven by Positive Cooperativity. <i>Chemistry - A European Journal</i> , 2003, 9, 1860-1875.	1.7	60
71	Bright Long-Lived Circularly Polarized Luminescence in Chiral Chromium(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10095-10102.	7.2	60
72	Application of Electrospray Mass Spectrometry for Characterizing Supramolecular Coordination Complexes. <i>Helvetica Chimica Acta</i> , 1993, 76, 1759-1766.	1.0	59

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73	Complexation of Trivalent Lanthanides with Planar Tridentate Aromatic Ligands Tuned by Counteranions and Steric Constraints. <i>Inorganic Chemistry</i> , 2009, 48, 1132-1147.	1.9	59
74	Nâ€Heterocyclic Tridentate Aromatic Ligands Bound to [Ln(hexafluoroacetylacetonate) <sub>3</sub> ] Units: Thermodynamic, Structural, and Luminescent Properties. <i>Chemistry - A European Journal</i> , 2012, 18, 7155-7168.	1.7	59
75	Trivalent lanthanide ions: versatile coordination centers with unique spectroscopic and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2000, 303-304, 66-74.	2.8	58
76	Paramagnetic NMR Lanthanide Induced Shifts for Extracting Solution Structures. <i>Fundamental Theories of Physics</i> , 2003, , 353-463.	0.1	58
77	Lanthanide-Assisted Self-Assembly of an Inert, Metal-Containing Nonadentate Tripodal Receptor. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 169-172.	7.2	57
78	Structural and Photophysical Properties of Pseudo-Tricapped Trigonal Prismatic Lanthanide building blocks controlled by zinc(II) in heterodinuclear dîƒf complexes. <i>Helvetica Chimica Acta</i> , 1995, 78, 1541-1566.	1.0	56
79	Erbium complexes as pioneers for implementing linear light-upconversion in molecules. <i>Materials Horizons</i> , 2020, 7, 1279-1296.	6.4	56
80	Aromatic Bent-Core Liquid Crystals:Â an Opportunity for Introducing Terdentate Binding Units into Mesophases. <i>Chemistry of Materials</i> , 2002, 14, 1075-1090.	3.2	55
81	Monometallic lanthanide complexes with tridentate 2,6-dicarboxamidopyridine ligands. Influence of peripheral substitutions on steric congestion and antenna effect. <i>Dalton Transactions</i> , 2003, , 3856-3868.	1.6	55
82	Luminescence-detected phase transitions in lanthanide-containing liquid crystals. <i>Chemical Communications</i> , 2003, , 1226-1227.	2.2	55
83	Near-Infrared to Visible Light-Upconversion in Molecules: From Dream to Reality. <i>Journal of Physical Chemistry C</i> , 2013, 117, 26957-26963.	1.5	55
84	Ruthenium(II) as a Novelâ€Labileâ€Partner in Thermodynamic Self-Assembly of Heterobimetallic dâ€f Triple-Stranded Helicates. <i>Chemistry - A European Journal</i> , 2004, 10, 3503-3516.	1.7	54
85	On-Demand Degradation of Metalâ€Organic Framework Based on Photocleavable Dianthracene-Based Ligand. <i>Journal of the American Chemical Society</i> , 2018, 140, 10820-10828.	6.6	54
86	A Simple Thermodynamic Model for Quantitatively Addressing Cooperativity in Multicomponent Self-Assembly Processesâ€”Part 2: Extension to Multimetallic Helicates Possessing Different Binding Sites. <i>Chemistry - A European Journal</i> , 2005, 11, 5227-5237.	1.7	53
87	Taming Lanthanide-Centered Upconversion at the Molecular Level. <i>Inorganic Chemistry</i> , 2016, 55, 9964-9972.	1.9	53
88	Effective Concentration as a Tool for Quantitatively Addressing Preorganization in Multicomponent Assemblies:Â Application to the Selective Complexation of Lanthanide Cations. <i>Journal of the American Chemical Society</i> , 2008, 130, 1025-1040.	6.6	52
89	A Nearâ€Infraredâ€Emissive Chromium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23722-23728.	7.2	52
90	Molecular Magnetism and Iron(II) Spin-State Equilibrium as Structural Probes in Heterodinuclear d-f Complexes. <i>Helvetica Chimica Acta</i> , 1995, 78, 1651-1672.	1.0	51

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91	Cobalt(III)/Cobalt(II) Electrochemical Potential Controlled by Steric Constraints in Self-Assembled Dinuclear Triple-Helical Complexes. <i>Inorganic Chemistry</i> , 1994, 33, 4112-4121.	1.9	50
92	Extended Rodlike Polyaromatic Receptors with Bent Tridentate Units Complexed to Lanthanide Metal Ions. <i>Inorganic Chemistry</i> , 2000, 39, 5286-5298.	1.9	50
93	A Simple Thermodynamic Model for Rationalizing the Formation of Self-Assembled Multimetallic Edifices: Application to Triple-Stranded Helicates. <i>Journal of the American Chemical Society</i> , 2004, 126, 11589-11601.	6.6	50
94	Self-assembly of helical supramolecular lanthanide complexes. <i>Journal of Alloys and Compounds</i> , 1995, 225, 324-330.	2.8	49
95	Smaller than a nanoparticle with the design of discrete polynuclear molecular complexes displaying near-infrared to visible upconversion. <i>Dalton Transactions</i> , 2015, 44, 2529-2540.	1.6	49
96	Predictions and Assignments of NMR Spectra for Strongly Paramagnetic Supramolecular Lanthanide Complexes: The Effect of the Gadolinium Break. <i>Journal of the American Chemical Society</i> , 2000, 122, 9304-9305.	6.6	47
97	The Origin of the Surprising Stabilities of Highly Charged Self-Assembled Polymetallic Complexes in Solution. <i>Inorganic Chemistry</i> , 2007, 46, 3511-3522.	1.9	47
98	Lanthanide triple helical complexes with a chiral ligand derived from 2,6-pyridinedicarboxylic acid. <i>Dalton Transactions RSC</i> , 2001, , 2655-2662.	2.3	46
99	Statistical mechanical approach to competitive binding of metal ions to multi-center receptors. <i>Dalton Transactions</i> , 2004, , 4096-4105.	1.6	45
100	Intermetallic Interactions Within Solvated Polynuclear Complexes: A Misunderstood Concept. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 125-128.	7.2	45
101	Self-Assembly of the First Discrete 3d <sup>4</sup> 4f Triple-Stranded Helicate. <i>Inorganic Chemistry</i> , 2009, 48, 5512-5525.	1.9	44
102	The first self-assembled trimetallic lanthanide helicate: different coordination sites in symmetrical molecular architectures. Electronic supplementary information (ESI) available: least-square planes, selected bond distances and bite angles and a figure showing the atomic numbering scheme for [Eu <sub>3</sub> (C <sub>63</sub> H <sub>65</sub> N <sub>13</sub> O <sub>2</sub> ) <sub>3</sub> ](CF <sub>3</sub> SO <sub>3</sub> ) <sub>9</sub> (CH <sub>3</sub> CN) <sub>9</sub> (H <sub>2</sub> O) <sub>2</sub> . A scheme summarizing the multistep synthesis of L3 and tables collecting ESI-MS and <sup>1</sup> H NMR data, and elemental analyses. See <a href="#">id.cubic.mesomorphism.tuned</a> by the size of the lanthanide metal ions. Electronic supplementary information (ESI) available: experimental procedures and characterization (elemental analyses, NMR, ESI-MS, conductivity) for L3, L3-C4 and L4 and for the complexes [Zn(L1)(NO <sub>3</sub> ) <sub>2</sub> ] $\cdot$ DMF (1), [Zn(Li)(NO <sub>3</sub> ) <sub>2</sub> ] $\cdot$ 3H <sub>2</sub> O (i = 2: 2; i = 4: 3), [Zn(L3)(NO <sub>3</sub> ) <sub>2</sub> ] $\cdot$ H <sub>2</sub> O (4) and [Ln(L3)(NO <sub>3</sub> ) <sub>3</sub> ] (Ln = Eu, 5; Ln = Dy, 6; Ln = Lu, 7). Tables collecting selected bond distances. <i>Dalton Transactions</i> , 2003, , 769-772.	2.2	43
103	Tuneable Intramolecular Intermetallic Interactions as a New Tool for Programming Linear Heterometallic 4f <sup>4</sup> 4f Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 9312-9322.	1.6	43
104	Tuneable Intramolecular Intermetallic Interactions as a New Tool for Programming Linear Heterometallic 4f <sup>4</sup> 4f Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 9312-9322.	1.9	43
105	Structure, Formation, and Dynamics of Mo <sub>12</sub> and Mo <sub>16</sub> Oxothiomolybdenum Rings Containing Terephthalate Derivatives. <i>Chemistry - A European Journal</i> , 2007, 13, 3548-3557.	1.7	42
106	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
107	Understanding, Controlling and Programming Cooperativity in Self-Assembled Polynuclear Complexes in Solution. <i>Chemistry - A European Journal</i> , 2009, 15, 12702-12718.	1.7	42
108	Synthesis and Electronic Properties of Intensely Coloured Iron(II) complexes with new 4-substituted planar tridentate nitrogen ligands analogous to 2,2':6,2''-terpyridine. <i>Helvetica Chimica Acta</i> , 1993, 76, 372-384.	1.0	40



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109	The first structurally characterized and strongly luminescent self-assembled helical heterodinuclear dâ€ƒf complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 2575-2577.	2.0	40
110	Lanthanide luminescent mesomorphic complexes with macrocycles derived from diaza-18-crown-6. <i>New Journal of Chemistry</i> , 2005, 29, 1323.	1.4	40
111	Cr<sup>III</sup> as an alternative to Ru<sup>II</sup> in metallo-supramolecular chemistry. <i>Dalton Transactions</i> , 2017, 46, 8992-9009.	1.6	40
112	Deciphering and quantifying linear light upconversion in molecular erbium complexes. <i>Chemical Science</i> , 2019, 10, 6876-6885.	3.7	40
113	The solution structure of supramolecular lanthanide triple helices revisited: application of crystal-field independent paramagnetic NMR techniques to mono- and di-metallic complexesâ€™. <i>Dalton Transactions RSC</i> , 2000, , 2045-2053.	2.3	39
114	CD Spectra of dâ€ƒf Heterobimetallic Helicates with Segmental Di-Imine Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 5302-5310.	1.9	39
115	Rational Tuning of Melting Entropies for Designing Luminescent Lanthanideâ€™Containing Thermotropic Liquid Crystals at Room Temperature. <i>Chemistry - A European Journal</i> , 2007, 13, 8696-8713.	1.7	39
116	Roomâ€™Temperature Linear Light Upconversion in a Mononuclear Erbium Molecular Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15172-15176.	7.2	39
117	Hostâ€™guest adaptability within oxothiomolybdenum wheels: structures, studies in solution and DFT calculations. <i>Dalton Transactions</i> , 2007, , 3043-3054.	1.6	37
118	Evidence of ionic liquid crystal properties for a DODA+ salt of the keplerate [Mo132O372(CH3COO)30(H2O)72]42â€™. <i>New Journal of Chemistry</i> , 2012, 36, 865.	1.4	37
119	Controlling Lanthanide Exchange in Tripleâ€™Stranded Helicates: A Way to Optimize Molecular Lightâ€™Upconversion. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14612-14617.	7.2	37
120	The first lanthanide-containing helicates self-assembled in water. <i>Chemical Communications</i> , 1998, , 2347-2348.	2.2	36
121	Versatile heteroleptic bis-terdentate Cr(<sc>iii</sc>) chromophores displaying room temperature millisecond excited state lifetimes. <i>Chemical Communications</i> , 2018, 54, 13228-13231.	2.2	36
122	Combination of crystal-field dependent and independent paramagnetic NMR hyperfine shift analysis methods for investigating the solution structures of inert self-assembled heterodinuclear dâ€ƒf supramolecular complexesâ€™. <i>Dalton Transactions RSC</i> , 2000, , 4587-4600.	2.3	35
123	Tuning facialâ€™meridional isomerisation in monometallic nine-co-ordinate lanthanide complexes with unsymmetrical tridentate ligands. <i>Dalton Transactions</i> , 2004, , 723-733.	1.6	35
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


#	ARTICLE	IF	CITATIONS
127	Lanthanide triple-stranded helical complexes with a substituted 2,6-pyridinedicarboxylate. Electronic supplementary information (ESI) available: analytical, IR and luminescence data, contact and dipolar shifts, calculated Cartesian co-ordinate for the Eu(III) complex, plots of chemical shifts for protons H8, H9 versus the chemical shift of proton H2. See <a href="http://www.rsc.org/suppdata/dt/b1/b104448f/">http://www.rsc.org/suppdata/dt/b1/b104448f/</a> . Dalton Transactions RSC, 2001, , 2084-2091.	2.3	32
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129	In search for tuneable intramolecular intermetallic interactions in polynuclear lanthanide complexes. Dalton Transactions, 2009, , 7625.	1.6	32
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139	Lanthanide Loading of Luminescent Multi-Tridentate Polymers under Thermodynamic Control. Inorganic Chemistry, 2014, 53, 3568-3578.	1.9	29
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143	Lanthanide hexafluoroacetylacetonates vs. nitrates for the controlled loading of luminescent polynuclear single-stranded oligomers. Chemical Science, 2013, 4, 1125.	3.7	27
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