

Marinella Mazzanti

List of Publications by Year in descending order

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181
papers

8,408
citations

26567

56
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66788

78
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196
all docs

196
docs citations

196
times ranked

5307
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen reduction and functionalization by a multimetallic uranium nitride complex. <i>Nature</i> , 2017, 547, 332-335.	13.7	237
2	Uranium and manganese assembled in a wheel-shaped nanoscale single-molecule magnet with high spin-reversal barrier. <i>Nature Chemistry</i> , 2012, 4, 1011-1017.	6.6	176
3	Polynuclear Cationic Complexes of Pentavalent Uranyl: Relating Stability and Magnetic Properties to Structure. <i>Journal of the American Chemical Society</i> , 2008, 130, 16633-16645.	6.6	160
4	Synthesis, Structure, and Bonding of Stable Complexes of Pentavalent Uranyl. <i>Journal of the American Chemical Society</i> , 2010, 132, 495-508.	6.6	147
5	Synthesis and Structure of a Stable Pentavalent-Uranyl Coordination Polymer. <i>Journal of the American Chemical Society</i> , 2006, 128, 7152-7153.	6.6	143
6	Siloxides as Supporting Ligands in Uranium(III)-Mediated Small-Molecule Activation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12280-12284.	7.2	141
7	Tuning Uranium-Nitrogen Multiple Bond Formation with Ancillary Siloxide Ligands. <i>Journal of the American Chemical Society</i> , 2013, 135, 12101-12111.	6.6	139
8	[U(Tp ^{Me2}) ₂ (bipy)] ⁺ : A Cationic Uranium(III) Complex with Single-Molecule-Magnet Behavior. <i>Inorganic Chemistry</i> , 2011, 50, 9915-9917.	1.9	119
9	Structural and Density Functional Studies of Uranium(III) and Lanthanum(III) Complexes with a Neutral Tripodal N-Donor Ligand Suggesting the Presence of a U-N Back-Bonding Interaction. <i>Inorganic Chemistry</i> , 2002, 41, 2389-2399.	1.9	117
10	Multimetallic Cooperativity in Uranium-Mediated CO ₂ Activation. <i>Journal of the American Chemical Society</i> , 2014, 136, 6716-6723.	6.6	113
11	Remarkable Tuning of the Coordination and Photophysical Properties of Lanthanide Ions in a Series of Tetrazole-Based Complexes. <i>Chemistry - A European Journal</i> , 2009, 15, 9458-9476.	1.7	112
12	Metal-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence of a Chiral Heptanuclear Europium Wheel. <i>Journal of the American Chemical Society</i> , 2012, 134, 8372-8375.	6.6	111
13	A Nitrido-Centered Uranium Azido Cluster Obtained from a Uranium Azide. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3040-3042.	7.2	110
14	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
15	Stable Pentavalent Uranyl Species and Selective Assembly of a Polymetallic Mixed-Valent Uranyl Complex by Cation-Cation Interactions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8477-8480.	7.2	108
16	Lanthanide Complexes of a Picolinate Ligand Derived from 1,4,7-Triazacyclononane with Potential Application in Magnetic Resonance Imaging and Time-Resolved Luminescence Imaging. <i>Chemistry - A European Journal</i> , 2006, 12, 7133-7150.	1.7	103
17	The role of bridging ligands in dinitrogen reduction and functionalization by uranium multimetallic complexes. <i>Nature Chemistry</i> , 2019, 11, 154-160.	6.6	100
18	Isolation of a Tetrameric Cationic Complex of Pentavalent Uranyl. <i>Journal of the American Chemical Society</i> , 2006, 128, 16512-16513.	6.6	99

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19	Lanthanide(III) Complexes of Tripodal N-Donor Ligands: Structural Models for the Species Involved in Solvent Extraction of Actinides(III). <i>Inorganic Chemistry</i> , 1998, 37, 6690-6697.	1.9	98
20	Cation-Controlled Self-Assembly of a Hexameric Europium Wheel. <i>Journal of the American Chemical Society</i> , 2002, 124, 9012-9013.	6.6	98
21	An Efficient Design for the Rigid Assembly of Four Bidentate Chromophores in Water-Stable Highly Luminescent Lanthanide Complexes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7595-7598.	7.2	98
22	Single-ion magnet behaviour in [U(TpMe ₂) ₂ I]. <i>Dalton Transactions</i> , 2012, 41, 13568.	1.6	97
23	Self-Assembly of Polyoxo Clusters and Extended Frameworks by Controlled Hydrolysis of Low-Valent Uranium. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7574-7578.	7.2	94
24	Lanthanide Complexes Based on β^2 -Diketonates and a Tetradentate Chromophore Highly Luminescent as Powders and in Polymers. <i>Inorganic Chemistry</i> , 2013, 52, 14382-14390.	1.9	94
25	A Uranium-Based UO ₂ ⁺ Mn ²⁺ Single-Chain Magnet Assembled through Cation-Cation Interactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 819-823.	7.2	90
26	Efficient Sensitization of Lanthanide Luminescence by Tetrazole-Based Polydentate Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 3952-3954.	1.9	89
27	Cell-Permeable Ln(III) Chelate-Functionalized InP Quantum Dots As Multimodal Imaging Agents. <i>ACS Nano</i> , 2011, 5, 8193-8201.	7.3	87
28	Molecular Complex of Tb in the +4 Oxidation State. <i>Journal of the American Chemical Society</i> , 2019, 141, 9827-9831.	6.6	82
29	Structural and Photophysical Studies of Highly Stable Lanthanide Complexes of Tripodal 8-Hydroxyquinolate Ligands Based on 1,4,7-Triazacyclononane. <i>Inorganic Chemistry</i> , 2009, 48, 4207-4218.	1.9	80
30	Relating Structural and Thermodynamic Effects of the Pb(II) Lone Pair: A New Picolinate Ligand Designed to Accommodate the Pb(II) Lone Pair Leads to High Stability and Selectivity. <i>Inorganic Chemistry</i> , 2007, 46, 3714-3725.	1.9	74
31	A comparative spectroscopic study of U(III)/Am(III) and Ln(III) complexed with N-donor ligands. <i>Comptes Rendus Chimie</i> , 2007, 10, 872-882.	0.2	72
32	Multielectron redox chemistry of lanthanide Schiff-base complexes. <i>Chemical Science</i> , 2012, 3, 2433-2448.	3.7	72
33	Base-Driven Assembly of Large Uranium Oxo/Hydroxo Clusters. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5745-5748.	7.2	70
34	Accessing the +IV Oxidation State in Molecular Complexes of Praseodymium. <i>Journal of the American Chemical Society</i> , 2020, 142, 5538-5542.	6.6	70
35	Coordination Patterns for Biliverdin-Type Ligands. Helical and Linked Helical Units in Four-Coordinate Cobalt and Five-Coordinate Manganese(III) Complexes of Octaethylbilindione. <i>Journal of the American Chemical Society</i> , 1994, 116, 9114-9122.	6.6	69
36	Cation-Cation Complexes of Pentavalent Uranyl: From Disproportionation Intermediates to Stable Clusters. <i>Chemistry - A European Journal</i> , 2010, 16, 14365-14377.	1.7	69

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37	Multicolour Optical Coding from a Series of Luminescent Lanthanide Complexes with a Unique Antenna. <i>Chemistry - A European Journal</i> , 2013, 19, 3477-3482.	1.7	68
38	Magnetic communication and reactivity of a stable homometallic cationic cation trimer of pentavalent uranyl. <i>Chemical Science</i> , 2012, 3, 1075.	3.7	66
39	Water Stability and Luminescence of Lanthanide Complexes of Tripodal Ligands Derived from 1,4,7-triazacyclononane: Pyridinecarboxamide versus Pyridinecarboxylate Donors. <i>Helvetica Chimica Acta</i> , 2009, 92, 2257-2273.	1.0	65
40	Multielectron Redox Reactions Involving C-C Coupling and Cleavage in Uranium Schiff Base Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 17374-17377.	6.6	65
41	Crystal Structure and Solution Fluxionality of Lanthanide Complexes of 2,4,6-Tris-2-pyridyl-1,3,5-triazine. <i>Inorganic Chemistry</i> , 1999, 38, 3581-3585.	1.9	63
42	New insights into the acid mediated disproportionation of pentavalent uranyl. <i>Chemical Communications</i> , 2010, 46, 8648.	2.2	63
43	Self-Assembly of a 3d ⁵ f Trinuclear Single-Molecule Magnet from a Pentavalent Uranyl Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13434-13438.	7.2	63
44	(N,N'-Ethylenebis(acetylacetonate))vanadium(III) derivatives: syntheses and substitution reactions at the vanadium-chlorine bond. <i>Inorganic Chemistry</i> , 1986, 25, 4158-4164.	1.9	62
45	Self-assembly of highly luminescent lanthanide complexes promoted by pyridine-tetrazolate ligands. <i>Dalton Transactions</i> , 2012, 41, 1268-1277.	1.6	62
46	Unique crown thioether complexes of f elements: the crystal structure of U(III) and La(III) complexes of 1,4,7-trithiacyclononane. <i>Chemical Communications</i> , 2002, , 654-655.	2.2	61
47	New polynuclear U(IV)-U(V) complexes from U(IV) mediated uranyl(V) disproportionation. <i>Chemical Communications</i> , 2012, 48, 868-870.	2.2	60
48	Two-electron versus one-electron reduction of chalcogens by uranium(III): synthesis of a terminal U(V) persulfide complex. <i>Chemical Science</i> , 2014, 5, 841-846.	3.7	60
49	Solid-State and Solution Properties of the Lanthanide Complexes of a New Heptadentate Tripodal Ligand: A Route to Gadolinium Complexes with an Improved Relaxation Efficiency. <i>Inorganic Chemistry</i> , 2001, 40, 6737-6745.	1.9	59
50	Solid-state and solution properties of the lanthanide complexes of a new nonadentate tripodal ligand derived from 1,4,7-triazacyclononane. <i>Dalton Transactions</i> , 2003, , 2428-2433.	1.6	59
51	Lanthanide-Based Coordination Polymers Assembled by a Flexible Multidentate Linker: Design, Structure, Photophysical Properties, and Dynamic Solid-State Behavior. <i>Chemistry - A European Journal</i> , 2009, 15, 5273-5288.	1.7	59
52	Synthesis and Structure of Nitride-Bridged Uranium(III) Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 1784-1787.	6.6	59
53	Oxidation Chemistry of Uranium(III) Complexes of Tpa: Synthesis and Structural Studies of Oxo, Hydroxo, and Alkoxo Complexes of Uranium(IV). <i>Inorganic Chemistry</i> , 2003, 42, 5900-5908.	1.9	58
54	The effect of pyridinecarboxylate chelating groups on the stability and electronic relaxation of gadolinium complexes. <i>Dalton Transactions</i> , 2005, , 1129-1135.	1.6	58

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55	Pentavalent uranyl stabilized by a dianionic bulky tetradentate ligand. <i>Chemical Communications</i> , 2009, , 1843.	2.2	58
56	Controlled Hydrolysis of Lanthanide Complexes of the N-Donor Tripod Tris(2-pyridylmethyl)amine versus Bisligand Complex Formation. <i>Inorganic Chemistry</i> , 2005, 44, 4756-4765.	1.9	57
57	Solid-State and Solution Structure of Lanthanide Complexes of a New Nonadentate Tripodal Ligand Containing Phenanthroline Binding Units. <i>Inorganic Chemistry</i> , 2000, 39, 3499-3505.	1.9	56
58	Vanadium(III)-carbon and titanium(III)-carbon functionalities supported by a tetradentate Schiff base ligand. <i>Inorganic Chemistry</i> , 1990, 29, 3991-3996.	1.9	55
59	Geometric and electronic structure and dioxygen sensitivity of the copper complex of octaethylbilindione, a biliverdin analog. <i>Journal of the American Chemical Society</i> , 1993, 115, 12206-12207.	6.6	55
60	Fixation of atmospheric CO ₂ by a dimeric lanthanum hydroxide complex; assembly of an unusual hexameric carbonate. <i>Dalton Transactions</i> , 2006, , 1002-1005.	1.6	54
61	Reduction of a Cerium(III) Siloxide Complex To Afford a Quadruple-Decker Arene-Bridged Cerium(II) Sandwich. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15663-15666.	7.2	54
62	Toward the Rational Design of Lanthanide Coordination Polymers: a New Topological Approach. <i>Inorganic Chemistry</i> , 2007, 46, 6242-6244.	1.9	53
63	Tuning Lanthanide Reactivity Towards Small Molecules with Electron-Rich Siloxide Ligands. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10448-10452.	7.2	53
64	Stabilization of the Oxidation State +IV in Siloxide-Supported Terbium Compounds. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3549-3553.	7.2	53
65	Cation-Mediated Conversion of the State of Charge in Uranium Arene Inverted Sandwich Complexes. <i>Chemistry - A European Journal</i> , 2013, 19, 17528-17540.	1.7	51
66	Reversible Dihydrogen Activation and Hydride Transfer by a Uranium Nitride Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3697-3700.	7.2	51
67	Structural and photophysical properties of trianionic nine-coordinated near-IR emitting 8-hydroxyquinoline-based complexes. <i>Dalton Transactions</i> , 2010, 39, 9112.	1.6	50
68	Nucleophilic Reactivity of a Nitride-Bridged Diuranium(IV) Complex: CO ₂ and CS ₂ Functionalization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4074-4078.	7.2	50
69	A Gadolinium Complex Confined in Silica Nanoparticles as a Highly Efficient ¹ T ₁ MRI Contrast Agent. <i>Chemistry - A European Journal</i> , 2013, 19, 6980-6983.	1.7	46
70	Facile CO Cleavage by a Multimetallic CsU ₂ Nitride Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12290-12294.	7.2	45
71	Structure, Stability, Dynamics, High-Field Relaxivity and Ternary Complex Formation of a New Tris(aquo) Gadolinium Complex. <i>Chemistry - A European Journal</i> , 2007, 13, 8489-8506.	1.7	44
72	Unprecedented self-assembly of M ₃ L ₂ trinuclear lanthanide complexes assisted by a flexible tripodal ligand containing terpyridine binding units. <i>Chemical Communications</i> , 2000, , 1543-1544.	2.2	43

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73	A new heptadentate tripodal ligand leading to a gadolinium complex with an improved relaxation efficiency. <i>Chemical Communications</i> , 2001, , 621-622.	2.2	43
74	Comparative Structural Studies of Iodide Complexes of Uranium(III) and Lanthanide(III) with Hexadentate Tetrapodal Neutral N-Donor Ligands. <i>Inorganic Chemistry</i> , 2004, 43, 5147-5158.	1.9	43
75	Gadolinium(III) complexes of 1,4,7-triazacyclononane based picolinate ligands: simultaneous optimization of water exchange kinetics and electronic relaxation. <i>Dalton Transactions</i> , 2009, , 8033.	1.6	42
76	Ligand assisted cleavage of uranium oxo-clusters. <i>Chemical Communications</i> , 2010, 46, 2757.	2.2	42
77	Phosphorescent Binuclear Iridium Complexes Based on Terpyridineâ€“Carboxylate: An Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2011, 50, 8197-8206.	1.9	42
78	Strong intramolecular π - π interactions favor the formation of 2:1 (L:M) lanthanide complexes of tris(2-benzimidazolymethyl)amine. <i>Chemical Communications</i> , 1999, , 209-210.	2.2	41
79	Production of Oxaporphyrin and Biliverdin Derivatives by Coupled Oxidation of Cobalt(II) Octaethylporphyrin. <i>Inorganic Chemistry</i> , 1995, 34, 2194-2200.	1.9	40
80	Practical Synthetic Routes to Solvates of U(OTf) ₃ : X-ray Crystal Structure of [U(OTf) ₃ (MeCN) ₃] _n , a Unique U(III) Coordination Polymer. <i>Inorganic Chemistry</i> , 2005, 44, 6115-6121.	1.9	40
81	Highly stable and soluble bis-aqua Gd, Nd, Yb complexes as potential bimodal MRI/NIR imaging agents. <i>Dalton Transactions</i> , 2010, 39, 9490.	1.6	40
82	Solution and solid state structures of uranium(III) and lanthanum(III) iodide complexes of tetradentate tripodal neutral N-donor ligands. <i>Dalton Transactions RSC</i> , 2000, , 4167-4173.	2.3	39
83	Synthesis of Electron-Rich Uranium(IV) Complexes Supported by Tridentate Schiff Base Ligands and Their Multi-Electron Redox Chemistry. <i>Inorganic Chemistry</i> , 2013, 52, 7078-7086.	1.9	39
84	A zig-zag uranyl(ν)â€“Mn(ν) single chain magnet with a high relaxation barrier. <i>Chemical Communications</i> , 2015, 51, 11309-11312.	2.2	39
85	The important effect of ligand architecture on the selectivity of metal ion recognition in An(III)/Ln(III) separation with N-donor extractants. <i>Chemical Communications</i> , 2002, , 2892-2893.	2.2	38
86	Diamine Bis(phenolate) as Supporting Ligands in Organoactinide(IV) Chemistry. Synthesis, Structural Characterization, and Reactivity of Stable Dialkyl Derivatives. <i>Organometallics</i> , 2013, 32, 1409-1422.	1.1	38
87	Ligand and Metal Based Multielectron Redox Chemistry of Cobalt Supported by Tetradentate Schiff Bases. <i>Journal of the American Chemical Society</i> , 2017, 139, 8628-8638.	6.6	38
88	Synthesis and Characterization of a Water Stable Uranyl(V) Complex. <i>Journal of the American Chemical Society</i> , 2018, 140, 13554-13557.	6.6	38
89	Variable Temperature and EPR Frequency Study of Two Aqueous Gd(III) Complexes with Unprecedented Sharp Lines. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12434-12438.	1.1	37
90	Practical Route to Relative Diffusion Coefficients and Electronic Relaxation Rates of Paramagnetic Metal Complexes in Solution by Model-Independent Outer-Sphere NMRD. Potentiality for MRI Contrast Agents. <i>Journal of the American Chemical Society</i> , 2005, 127, 15801-15814.	6.6	35

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91	Vanadium(III)-Schiff base complexes: a synthetic and structural study. <i>Inorganic Chemistry</i> , 1986, 25, 2308-2314.	1.9	34
92	N,N'-ethylenebis(acetylacetonimine)titanium complexes: synthesis, crystal structures, and properties of titanium(III) and titanium(IV) derivatives. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 953-957.	1.1	34
93	Diastereoselective Self-Assembly of a Homochiral Europium Triangle from a Bipyoxazoline- β -Carboxylate Ligand. <i>Chemistry - A European Journal</i> , 2010, 16, 6159-6163.	1.7	34
94	High Relaxivity and Stability of a Hydroxyquinolate-Based Tripodal Monoaquagadolinium Complex for Use as a Bimodal MRI/Optical Imaging Agent. <i>Inorganic Chemistry</i> , 2011, 50, 7943-7945.	1.9	34
95	Lanthanide(III) Complexes Supported by N,O-Donor Tripodal Ligands: Synthesis, Structure, and Ligand-Dependent Redox Behavior. <i>Chemistry - A European Journal</i> , 2015, 21, 15188-15200.	1.7	34
96	Uranium(IV) terminal hydrosulfido and sulfido complexes: insights into the nature of the uranium-sulfur bond. <i>Chemical Science</i> , 2016, 7, 5857-5866.	3.7	34
97	Facile N-functionalization and strong magnetic communication in a diuranium(V) bis-nitride complex. <i>Chemical Science</i> , 2019, 10, 3543-3555.	3.7	34
98	Ferrocene-Based Tetradentate Schiff Bases as Supporting Ligands in Uranium Chemistry. <i>Inorganic Chemistry</i> , 2015, 54, 5774-5783.	1.9	33
99	C-H Bond Activation by an Isolated Dinuclear U(III)/U(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2020, 142, 3149-3157.	6.6	31
100	A tetrameric neptunyl(V) cluster supported by a Schiff base ligand. <i>Dalton Transactions</i> , 2012, 41, 10900.	1.6	30
101	New Bis-aqua Picolate-Based Gadolinium Complexes as MRI Contrast Agents with Substantial High-Field Relaxivities. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2049-2061.	1.0	30
102	CO ₂ conversion to isocyanate via multiple Si bond cleavage at a bulky uranium(III) complex. <i>Chemical Communications</i> , 2015, 51, 15454-15457.	2.2	30
103	Single-Molecule-Magnet Behavior in Mononuclear Homoleptic Tetrahedral Uranium(III) Complexes. <i>Inorganic Chemistry</i> , 2014, 53, 11809-11811.	1.9	29
104	Carbon dioxide reduction by dinuclear Yb(II) and Sm(II) complexes supported by siloxide ligands. <i>Dalton Transactions</i> , 2019, 48, 6100-6110.	1.6	29
105	Structural Snapshots of Cluster Growth from {U ₆ } to {U ₃₈ } During the Hydrolysis of UCl ₄ . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3021-3026.	7.2	29
106	Phenoxo and diphenoxo complexes of titanium(II) and vanadium(III): synthesis and X-ray structure. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 1793.	1.1	28
107	Highly relaxing gadolinium based MRI contrast agents responsive to Mg ²⁺ sensing. <i>Chemical Communications</i> , 2012, 48, 4085.	2.2	28
108	A Factor Two Improvement in High-Field Dynamic Nuclear Polarization from Gd(III) Complexes by Design. <i>Journal of the American Chemical Society</i> , 2019, 141, 8746-8751.	6.6	28

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109	Cobalt complexes of octaethyloxophlorin. Metal-centered redox chemistry in the presence of a redox-active ligand. <i>Inorganic Chemistry</i> , 1993, 32, 4737-4744.	1.9	27
110	Photochemical Synthesis of a Stable Terminal Uranium(VI) Nitride. <i>Journal of the American Chemical Society</i> , 2020, 142, 19047-19051.	6.6	27
111	A rare uranium(III) complex of a tripodal aromatic amine and its lanthanum analogue. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 4087-4088.	1.1	26
112	Crystal structure diversity in the bis[hydrotris(3,5-dimethylpyrazolyl)borate]iodouranium(III) complex: from neutral to cationic forms. <i>Dalton Transactions</i> , 2013, 42, 8861.	1.6	26
113	Optimizing the relaxivity of Gd(III) complexes appended to InP/ZnS quantum dots by linker tuning. <i>Dalton Transactions</i> , 2013, 42, 8197.	1.6	26
114	CS ₂ activation at uranium(III) siloxide ate complexes: the effect of a Lewis acidic site. <i>Dalton Transactions</i> , 2015, 44, 2650-2656.	1.6	26
115	Tuning the structure, reactivity and magnetic communication of nitride-bridged uranium complexes with the ancillary ligands. <i>Chemical Science</i> , 2019, 10, 8840-8849.	3.7	26
116	Small molecule activation by multimetallic uranium complexes supported by siloxide ligands. <i>Chemical Communications</i> , 2019, 55, 13031-13047.	2.2	26
117	Single metal four-electron reduction by U(II) and masked U(II) compounds. <i>Chemical Science</i> , 2021, 12, 6153-6158.	3.7	26
118	Isolation of a Star-shaped Uranium(V/VI) Cluster from the Anaerobic Photochemical Reduction of Uranyl(VI). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14325-14329.	7.2	25
119	CO ₂ and CO/H ₂ Conversion to Methoxide by a Uranium(IV) Hydride. <i>Journal of the American Chemical Society</i> , 2019, 141, 9570-9577.	6.6	25
120	Metathesis of a U ^V imido complex: a route to a terminal U ^V sulfide. <i>Chemical Science</i> , 2017, 8, 5319-5328.	3.7	25
121	Lanthanide-chelate silica nanospheres as robust multicolor Vis-NIR tags. <i>Chemical Communications</i> , 2010, 46, 2647.	2.2	24
122	Heterometallic Fe ₂ ^{II} U ^V and Ni ₂ ^{II} U ^V Exchange-Coupled Single-Molecule Magnets: Effect of the 3d Ion on the Magnetic Properties. <i>Chemistry - A European Journal</i> , 2015, 21, 18038-18042.	1.7	24
123	Controlled Thermolysis of Uranium (Alkoxy)siloxy Complexes: A Route to Polymetallic Complexes of Low-Valent Uranium. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12646-12650.	7.2	23
124	Synthesis and reactivity of a terminal uranium(IV) sulfide supported by siloxide ligands. <i>Chemical Science</i> , 2016, 7, 5846-5856.	3.7	23
125	Synthesis and SMM behaviour of trinuclear versus dinuclear 3d ^{5f} uranyl-cobalt(II) cation-cation complexes. <i>Dalton Transactions</i> , 2017, 46, 5498-5502.	1.6	23
126	Stepwise Reduction of Dinitrogen by a Uranium-Potassium Complex Yielding a U(VI)/U(IV) Tetranitride Cluster. <i>Journal of the American Chemical Society</i> , 2021, 143, 11225-11234.	6.6	23

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127	Sensitisation of visible and NIR lanthanide emission by InPZnS quantum dots in bi-luminescent hybrids. <i>Chemical Communications</i> , 2016, 52, 4577-4580.	2.2	22
128	Structure and small molecule activation reactivity of a metallasilsesquioxane of divalent ytterbium. <i>Chemical Communications</i> , 2020, 56, 8936-8939.	2.2	22
129	A versatile route to homo- and hetero-bimetallic 5f ⁴ and 3d ⁴ complexes supported by a redox active ligand framework. <i>Dalton Transactions</i> , 2017, 46, 11145-11148.	1.6	21
130	Delivery of a Masked Uranium(II) by an Oxide-Bridged Diuranium(III) Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3737-3744.	7.2	21
131	Synthesis and Characterization of Water Stable Uranyl(V) Complexes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8227-8235.	7.2	21
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