

# Stephen T Liddle

## List of Publications by Year in descending order

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152  
papers

10,446  
citations

25034

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184  
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184  
docs citations

184  
times ranked

4236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving f-element single molecule magnets. <i>Chemical Society Reviews</i> , 2015, 44, 6655-6669.	38.1	699
2	The Renaissance of Non-aqueous Uranium Chemistry. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8604-8641.	13.8	380
3	Anionic tethered N-heterocyclic carbene chemistry. <i>Chemical Society Reviews</i> , 2007, 36, 1732.	38.1	354
4	Synthesis and Structure of a Terminal Uranium Nitride Complex. <i>Science</i> , 2012, 337, 717-720.	12.6	305
5	A monometallic lanthanide bis(methanediide) single molecule magnet with a large energy barrier and complex spin relaxation behaviour. <i>Chemical Science</i> , 2016, 7, 155-165.	7.4	300
6	A delocalized arene-bridged diuranium single-molecule magnet. <i>Nature Chemistry</i> , 2011, 3, 454-460.	13.6	299
7	Isolation and characterization of a uranium(VI) nitride triple bond. <i>Nature Chemistry</i> , 2013, 5, 482-488.	13.6	252
8	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a $[R_2UCO]^{2+}$ Analogue of the $[O_2UO]^{2+}$ Uranyl Ion ( $R = Ph_2PNSiMe_3$ ), and Comparison of the Nature of $UV^{\bullet}C$ , $UV^{\bullet}C$ , and $UVI^{\bullet}C$ Double Bonds. <i>Journal of the American Chemical Society</i> , 2012, 134, 10047-10054.	13.7	163
9	f-block N-heterocyclic carbene complexes. <i>Chemical Communications</i> , 2006, , 3959.	4.1	156
10	Early metal bis(phosphorus-stabilised)carbene chemistry. <i>Chemical Society Reviews</i> , 2011, 40, 2164.	38.1	153
11	Homologation and functionalization of carbon monoxide by a recyclable uranium complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9265-9270.	7.1	151
12	Bifunctional yttrium(iii) and titanium(iv) NHC catalysts for lactide polymerisation. <i>Chemical Communications</i> , 2006, , 1124.	4.1	150
13	The First Structural Characterisation of a Group 2 Metal Alkylperoxide Complex: Comments on the Cleavage of Dioxygen by Magnesium Alkyl Complexes. <i>Chemistry - A European Journal</i> , 2003, 9, 4820-4828.	3.3	145
14	$\sigma$ and $\pi$ Donation in an Unsupported Uranium-Gallium Bond. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1077-1080.	13.8	136
15	Single-Molecule Magnetism in a Single-Ion Triamidoamine Uranium(V) Terminal Mono-oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4921-4924.	13.8	133
16	Uranium-Carbon Multiple Bonding: Facile Access to the Pentavalent Uranium Carbene $[U\{C(PPh_2)_2NSiMe_3\}_2](Cl)_2(I)$ and Comparison of $UV^{\bullet}C$ and $UVI^{\bullet}C$ Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2383-2386.	13.8	132
17	A Formal High Oxidation State Inverse-Sandwich Diuranium Complex: A New Route to f-block Metal Bonds. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10388-10392.	13.8	132
18	Triamidoamine-Uranium(IV)-Stabilized Terminal Parent Phosphide and Phosphenidene Complexes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4484-4488.	13.8	130

#	ARTICLE	IF	CITATIONS
19	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. <i>Nature Communications</i> , 2017, 8, 14137.	12.8	128
20	Deprotonation of N-Heterocyclic Carbenes to Afford Heterobimetallic Organolanthanide Complexes. <i>Organometallics</i> , 2006, 25, 1485-1491.	2.3	126
21	Synthesis and Characterization of an f-Block Terminal Parent Imido [U <sup>IV</sup> •NH] Complex: A Masked Uranium(IV) Nitride. <i>Journal of the American Chemical Society</i> , 2014, 136, 5619-5622.	13.7	121
22	Bent metal carbene geometries in amido N-heterocyclic carbene complexes. <i>Chemical Communications</i> , 2004, , 2738.	4.1	118
23	Triamidoamine uranium(IV)–arsenic complexes containing one-, two- and threefold U–As bonding interactions. <i>Nature Chemistry</i> , 2015, 7, 582-590.	13.6	114
24	A Lanthanide–Gallium Complex Stabilized by the N-Heterocyclic Carbene Group. <i>Journal of the American Chemical Society</i> , 2007, 129, 5360-5361.	13.7	113
25	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine–Titanium Complex. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6314-6318.	13.8	113
26	On the Nature of Actinide– and Lanthanide–Metal Bonds in Heterobimetallic Compounds. <i>Chemistry - A European Journal</i> , 2011, 17, 8424-8433.	3.3	112
27	Regioselective C–H Activation and Sequential C–C and C–O Bond Formation Reactions of Aryl Ketones Promoted by an Yttrium Carbene. <i>Journal of the American Chemical Society</i> , 2010, 132, 14379-14381.	13.7	108
28	Metal–metal bonds in f-element chemistry. <i>Dalton Transactions</i> , 2009, , 5592.	3.3	106
29	Small–Molecule Activation at Uranium(III). <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3753-3770.	2.0	106
30	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6696-6700.	13.8	103
31	The Nature of the U–C Double Bond: Pushing the Stability of High–Oxidation–State Uranium Carbenes to the Limit. <i>Chemistry - A European Journal</i> , 2013, 19, 7071-7083.	3.3	99
32	Progress in molecular uranium-nitride chemistry. <i>Coordination Chemistry Reviews</i> , 2014, 266-267, 2-15.	18.8	98
33	The role of 5f-orbital participation in unexpected inversion of the f–bond metathesis reactivity trend of triamidoamine thorium(IV) and uranium(IV) alkyls. <i>Chemical Science</i> , 2014, 5, 2489-2497.	7.4	94
34	Synthesis and structural characterisation of an yttrium–alkyl–alkylidene. <i>Chemical Communications</i> , 2008, , 1747.	4.1	92
35	A Cerium(IV)–Carbon Multiple Bond. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13016-13019.	13.8	91
36	Two–Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitriles to Cyanate by Carbon Monoxide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10412-10415.	13.8	91

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37	Emergence of comparable covalency in isostructural cerium( $\text{IV}$ ) and uranium( $\text{IV}$ ) carbon multiple bonds. <i>Chemical Science</i> , 2016, 7, 3286-3297.	7.4	90
38	Synthesis and structure of $[\{\text{N}(\text{CH}_2\text{CH}_2\text{NSiMe}_3)_3\}\text{URe}(\eta^5\text{-C}_5\text{H}_5)_2]$ : a heterobimetallic complex with an unsupported uranium-rhenium bond. <i>Chemical Communications</i> , 2009, , 2851.	4.1	89
39	Thorium phosphorus triamidoamine complexes containing Th-P single- and multiple-bond interactions. <i>Nature Communications</i> , 2016, 7, 12884.	12.8	87
40	Synthesis and structure of $[\text{U}\{\text{C}(\text{PPh}_2\text{NMe}_2)_2\}_2]$ (Mes = 2,4,6-Me $_3$ C $_6$ H $_2$ ): A homoleptic uranium bis(carbene) complex with two formal U-C double bonds. <i>Dalton Transactions</i> , 2010, 39, 5074.	3.3	85
41	Synthesis of Uranium(VI) Terminal Oxo Complexes: Molecular Geometry Driven by the Inverse Trans-Influence. <i>Journal of the American Chemical Society</i> , 2012, 134, 5284-5289.	13.7	84
42	Titanium(III) Alkoxy-N-heterocyclic Carbenes and a Safe, Low-Cost Route to $\text{TiCl}_3(\text{THF})_3$ . <i>Organometallics</i> , 2007, 26, 755-757.	2.3	83
43	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. <i>Nature Communications</i> , 2016, 7, 13773.	12.8	82
44	Synthesis of Heteroleptic Cerium(III) Anionic Amido-Tethered N-Heterocyclic Carbene Complexes. <i>Organometallics</i> , 2005, 24, 2597-2605.	2.3	77
45	A Heterobimetallic Gallyl Complex Containing an Unsupported Ga-Y Bond. <i>Inorganic Chemistry</i> , 2009, 48, 3520-3522.	4.0	77
46	An Unsupported Uranium-Rhenium Complex Prepared by Alkane Elimination. <i>Chemistry - A European Journal</i> , 2011, 17, 6909-6912.	3.3	72
47	Studies of hysteresis and quantum tunnelling of the magnetisation in dysprosium( $\text{III}$ ) single molecule magnets. <i>Dalton Transactions</i> , 2019, 48, 8541-8545.	3.3	71
48	Synthesis and reactivity of the yttrium-alkyl-carbene complex $[\text{Y}(\text{BIPM})(\text{CH}_2\text{C}_6\text{H}_5)(\text{THF})]$ (BIPM = $\text{Tj ETQqO O O rgBT/Overlock 10 Tf 50}$ )	3.3	67
49	The Nature of Unsupported Uranium-Ruthenium Bonds: A Combined Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2011, 17, 11266-11273.	3.3	65
50	Heteroleptic $[\text{M}(\text{CH}_2\text{C}_6\text{H}_5)_2(\text{I})(\text{THF})_3]$ Complexes (M = Y or Er): Remarkably Stable Precursors to Yttrium and Erbium T-Shaped Carbenes. <i>Organometallics</i> , 2009, 28, 6771-6776.	2.3	64
51	Structural and theoretical insights into the perturbation of uranium-rhenium bonds by dative Lewis base ancillary ligands. <i>Chemical Communications</i> , 2011, 47, 295-297.	4.1	64
52	An Actinide Zintl Cluster: A Tris(triamidouranium) $\text{U}_4\text{H}_2\text{P}_7$ Heptaphosphanortricyclane and Its Diverse Synthetic Utility. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13334-13337.	11.8	63
53	Uranium triamidoamine chemistry. <i>Chemical Communications</i> , 2015, 51, 10589-10607.	4.1	62
54	Crystalline Diuranium Phosphinidide and $\text{U}_2\text{P}$ Phosphido Complexes with Symmetric and Asymmetric UPU Cores. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10495-10500.	13.8	62

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55	A Crystallizable Dinuclear Tuck-In-Tuck-Over Tuck-Over Diaryl Tren Uranium Complex and Double Dearylation of BPh <sub>4</sub> <sup>+</sup> To Give the BPh <sub>2</sub> -Functionalized Metallocycle [U{N(CH <sub>2</sub> ) <sub>2</sub> CH <sub>2</sub> NSiMe <sub>3</sub> }) <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> (CH <sub>2</sub> ) <sub>2</sub> NSiMe <sub>2</sub> ) <sub>2</sub> ] C Journal of the American Chemical Society, 2009, 131, 10388-10389.	13.7	61
56	Inverted sandwich arene complexes of uranium. Coordination Chemistry Reviews, 2015, 293-294, 211-227.	18.8	61
57	Synthesis and characterisation of yttrium complexes supported by the $\hat{1}^2$ -diketiminate ligand {ArNc(CH <sub>3</sub> )CHC(CH <sub>3</sub> )NAr} <sup>+</sup> (Ar = 2,6-Pri <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). Dalton Transactions, 2007, , 3305.	3.3	57
58	A Very Short Uranium(IV)-Rhodium(I) Bond with Net Double-Donative Bonding Character. Angewandte Chemie - International Edition, 2018, 57, 6587-6591.	13.8	53
59	Actinide-Pnictide (An <sup>n</sup> Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Tj ETQq <sub>1</sub> 1 0.784314 rgBT	13.8	53
60	An Inverted Sandwich Diuranium $\hat{1}^4$ -Cyclopentadienyl Complex Supported by U <sup>+</sup> Bonding. Angewandte Chemie - International Edition, 2015, 54, 7068-7072.	13.8	52
61	A crystalline tri-thorium cluster with $\hat{1}^f$ -aromatic metal-metal bonding. Nature, 2021, 598, 72-75.	27.8	52
62	Synthesis and Characterization of Dysprosium and Lanthanum Bis(iminophosphorano)methanide and -methanediide Complexes. Organometallics, 2010, 29, 2315-2321.	2.3	51
63	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. Nature Communications, 2013, 4, 2323.	12.8	50
64	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. Angewandte Chemie - International Edition, 2015, 54, 15250-15254.	13.8	50
65	Triamidoamine thorium-arsenic complexes with parent arsenide, arsinidiide and arsenido structural motifs. Nature Communications, 2017, 8, 14769.	12.8	50
66	Emergence of the structure-directing role of f-orbital overlap-driven covalency. Nature Communications, 2019, 10, 634.	12.8	50
67	Back-bonding between an electron-poor, high-oxidation-state metal and poor $\hat{1}^f$ -acceptor ligand in a uranium(V)-dinitrogen complex. Nature Chemistry, 2019, 11, 806-811.	13.6	47
68	Bis(phosphorus-stabilised)methanide and methanediide derivatives of group 1&#8211;5 and f-element metals. Organometallic Chemistry, 0, , 29-55.	0.6	47
69	Terminal uranium(V)-nitride hydrogenations involving direct addition or Frustrated Lewis Pair mechanisms. Nature Communications, 2020, 11, 337.	12.8	45
70	Covalent Uranium Carbene Chemistry. Comments on Inorganic Chemistry, 2015, 35, 262-294.	5.2	44
71	Non-traditional ligands in f-block chemistry. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 1673-1700.	2.1	43
72	Reactivity of the Yttrium Alkyl Carbene Complex [Y(BIPM)(CH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>5</sub> )(THF)] (BIPM =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62, Td ((C(Ph) <sub>2</sub> Substitutions, and Additions to Nontypical Transformations. Organometallics, 2013, 32, 1251-1264.	2.3	43

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73	Silyl-Phosphino-Carbene Complexes of Uranium(IV). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5506-5511.	13.8	43
74	Uranium(III)-carbon multiple bonding supported by arene $\pi$ -bonding in mixed-valence hexauranium nanometre-scale rings. <i>Nature Communications</i> , 2018, 9, 2097.	12.8	43
75	Assessing crystal field and magnetic interactions in diuranium- $\frac{1}{4}$ -chalcogenide triamidoamine complexes with U <sup>IV</sup> $\rightarrow$ U <sup>IV</sup> cores (E = S, Se, Te): implications for determining the presence or absence of actinide-actinide magnetic exchange. <i>Chemical Science</i> , 2017, 8, 6207-6217.	7.4	42
76	Bimetallic Cooperative Cleavage of Dinitrogen to Nitride and Tandem Frustrated Lewis Pair Hydrogenation to Ammonia. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6674-6677.	13.8	42
77	Thorium- and uranium-azide reductions: a transient dithorium-nitride <i>versus</i> isolable diuranium-nitrides. <i>Chemical Science</i> , 2019, 10, 3738-3745.	7.4	42
78	f-Element-metal bond chemistry. <i>Reviews in Inorganic Chemistry</i> , 2012, 32, 1-22.	4.1	41
79	[U <sup>III</sup> ]{N(SiMe <sub>2</sub> tBu) <sub>3</sub> }: A Structurally Authenticated Trigonal Planar Actinide Complex. <i>Chemistry - A European Journal</i> , 2014, 20, 14579-14583.	3.3	39
80	Rare-Earth- and Uranium-Mesoionic Carbenes: A New Class of f-Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11534-11538.	13.8	39
81	Terminal Uranium(V/VI) Nitride Activation of Carbon Dioxide and Carbon Disulfide: Factors Governing Diverse and Well-Defined Cleavage and Redox Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 2950-2959.	3.3	38
82	Halide, Amide, Cationic, Manganese Carbonylate, and Oxide Derivatives of Triamidodisilylamine Uranium Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 9631-9641.	4.0	37
83	Uranium-Carbene-Imido Metalla-Allenes: Ancillary Ligand-Controlled <i>cis-trans</i> isomerisation and Assessment of <i>trans</i> Influence in the R <sub>2</sub> C=U <sup>IV</sup> =NR <sup>2</sup> Unit (R=Ph <sub>2</sub> PNSiMe <sub>3</sub> ); Tj ETQq1 1 0.784314 r gBT / Overlock 10	3.3	37
84	The Ketimide Ligand is Not Just an Inert Spectator: Heteroallene Insertion Reactivity of an Actinide-Ketimide Linkage in a Thorium Carbene Amide Ketimide Complex. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9356-9359.	13.8	36
85	Reactivity Studies of a T-Shaped Yttrium Carbene: C-F and C-O Bond Activation and C-C Bond Formation Promoted by [Y(BIPM)(I)(THF) <sub>2</sub> ] (BIPM = C(PPh <sub>2</sub> NSiMe <sub>3</sub> ) <sub>2</sub> ). <i>Organometallics</i> , 2013, 32, 1239-1250.	2.3	35
86	Reactivity of the uranium( <sup>iv</sup> ) carbene complex [U(BIPM <sup>TMS</sup> )(Cl)( $\frac{1}{4}$ -Cl) <sub>2</sub> Li(THF) <sub>2</sub> ] (BIPM <sup>TMS</sup> ) Tj ETQq0 0 0 r gBT / Overlock 10 Tf substrates: metallo-Wittig, adduct formation, C-F bond activation, and [2 + 2]-cycloaddition reactions. <i>Dalton Transactions</i> , 2014, 43, 14275-14283.	3.3	35
87	Uranium Metalla-Allenes with Carbene Imido R <sub>2</sub> C=U <sup>IV</sup> =NR <sup>2</sup> Units (R=Ph <sub>2</sub> PNSiMe <sub>3</sub> ; R <sup>2</sup> =CPh <sub>3</sub> ): Alkali-Metal-Mediated Push-Pull Effects with an Amido Auxiliary. <i>Chemistry - A European Journal</i> , 2016, 22, 11554-11558.	3.3	33
88	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7669-7673.	13.8	33
89	Evidence for single metal two electron oxidative addition and reductive elimination at uranium. <i>Nature Communications</i> , 2017, 8, 1898.	12.8	32
90	Actinide-transition metal bonding in heterobimetallic uranium- and thorium-molybdenum paddlewheel complexes. <i>Chemical Communications</i> , 2018, 54, 13515-13518.	4.1	32

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91	Uranium-mediated oxidative addition and reductive elimination. Dalton Transactions, 2015, 44, 12924-12941.	3.3	31
92	f-Element Half-Sandwich Complexes: A Tetrasilylcyclobutadienyl-uranium(IV)-Tris(tetrahydroborate) Anion Pianostool Complex. Angewandte Chemie - International Edition, 2020, 59, 295-299.	13.8	30
93	Charge control of the inverse trans-influence. Chemical Communications, 2015, 51, 16671-16674.	4.1	29
94	Thorium-nitrogen multiple bonds provide evidence for pushing-from-below for early actinides. Nature Communications, 2019, 10, 4203.	12.8	29
95	U-Diketiminato Derivatives of Alkali Metals and Uranium. Organometallics, 2013, 32, 5058-5070.	2.3	27
96	Comments on reactions of oxide derivatives of uranium with hexachloropropene to give UCl <sub>4</sub> . New Journal of Chemistry, 2015, 39, 7559-7562.	2.8	26
97	Neptunium and plutonium complexes with a sterically encumbered triamidoamine (TREN) scaffold. Chemical Communications, 2016, 52, 5428-5431.	4.1	26
98	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamine-titanium Complex. Angewandte Chemie, 2018, 130, 6422-6426.	2.0	26
99	Exceptional uranium(VI)-nitride triple bond covalency from <sup>15</sup> N nuclear magnetic resonance spectroscopy and quantum chemical analysis. Nature Communications, 2021, 12, 5649.	12.8	26
100	Nature of the Arsonium-ylide Ph <sub>3</sub> As=CH <sub>2</sub> and a Uranium(IV) Arsonium-carbene Complex. Angewandte Chemie - International Edition, 2020, 59, 15870-15874.	13.8	25
101	Trapping of a Highly Bent and Reduced Form of a Phosphaethynolate in a Mixed-valence Diuranium-triamidoamine Complex. Angewandte Chemie - International Edition, 2019, 58, 10215-10219.	13.8	24
102	Correlating axial and equatorial ligand field effects to the single-molecule magnet performances of a family of dysprosium bis-methanediide complexes. Chemical Science, 2021, 12, 3911-3920.	7.4	24
103	Group 1 Bis(iminophosphorano)methanides, Part 1: <i>N</i> -Alkyl and Silyl Derivatives of the Sterically Demanding Methanes H <sub>2</sub> C(PPh <sub>2</sub> NR) <sub>2</sub> (R = Adamantyl and) Tj ETQq1 1 0.7843 14 rgB14 Overlo	2.3	24
104	Thorium Triamidoamine Complexes: Synthesis of an Unusual Dinuclear Tuck-in-tuck-over Thorium Metallacycle Featuring the Longest Known Thorium- <sup>17</sup> F-Alkyl Bond. Organometallics, 2015, 34, 2386-2394.	2.3	23
105	Group 1 Bis(iminophosphorano)methanides, Part 2: <i>N</i> -Aryl Derivatives of the Sterically Demanding Methanes H <sub>2</sub> C(PPh <sub>2</sub> NR) <sub>2</sub> (R = 2,4,6-trimethylphenyl or 2,6-diisopropylphenyl). Organometallics, 2011, 30, 5326-5337.	2.3	22
106	Anomalous magnetism of uranium(IV)-oxo and -imido complexes reveals unusual doubly degenerate electronic ground states. Chem, 2021, 7, 1666-1680.	11.7	22
107	Crystalline Diuranium Phosphinidiide and U <sub>2</sub> Phosphido Complexes with Symmetric and Asymmetric UPU Cores. Angewandte Chemie, 2017, 129, 10631-10636.	2.0	21
108	f-Element silicon and heavy tetrel chemistry. Chemical Science, 2020, 11, 10871-10886.	7.4	21



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109	An Inverted Sandwich Diuranium $\text{U}_4\text{P}_5$ Cyclophosphane Complex Supported by $\text{U}_5\text{P}_5$ Bonding. <i>Angewandte Chemie</i> , 2015, 127, 7174-7178.	2.0	19
110	A Very Short Uranium(IV)-Rhodium(I) Bond with Net Double Bond Character. <i>Angewandte Chemie</i> , 2018, 130, 6697-6701.	2.0	19
111	A terminal neptunium(V) mono(oxo) complex. <i>Nature Chemistry</i> , 2022, 14, 342-349.	13.6	19
112	Photolytic and Reductive Activations of 2-Arsaethynolate in a Uranium-Triamidoamine Complex: Decarbonylative Arsenic Group Transfer Reactions and Trapping of a Highly Bent and Reduced Form. <i>Chemistry - A European Journal</i> , 2019, 25, 14246-14252.	3.3	18
113	Dipnictogen f-Element Chemistry: A Diphosphorus Uranium Complex. <i>Journal of the American Chemical Society</i> , 2021, 143, 5343-5348.	13.7	18
114	Yttrium Methanide and Methanediide Bis(silyl)amide Complexes. <i>Organometallics</i> , 2017, 36, 4584-4590.	2.3	17
115	International Year of the Periodic Table: Lanthanide and Actinide Chemistry. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5140-5141.	13.8	17
116	Insights into $\text{D}_{4h}$ metal-symmetry single-molecule magnetism: the case of a dysprosium-bis(boryloxide) complex. <i>Chemical Communications</i> , 2021, 57, 733-736.	4.1	17
117	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. <i>Angewandte Chemie</i> , 2015, 127, 15465-15469.	2.0	16
118	The Emergence of Actinide Cyclobutadienyl Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2851-2861.	2.0	15
119	Heteroleptic actinocenes: a thorium( $\text{IV}$ )-cyclobutadienyl-cyclooctatetraenyl-di-potassium-cyclooctatetraenyl complex. <i>Chemical Science</i> , 2020, 11, 6789-6794.	7.4	14
120	Uranyl-tri-bis(silyl)amide Alkali Metal Contact and Separated Ion Pair Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 6571-6583.	4.0	13
121	Evidence for ligand- and solvent-induced disproportionation of uranium(IV). <i>Nature Communications</i> , 2021, 12, 4832.	12.8	13
122	Actinide-Pnictide ( $\text{An}^n\text{Pn}$ ) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations ( $\text{An}=\text{U, Th}$ ; $\text{Tj, Et, Q, O, O, Rg, B, T, /Overlock}$ )	2.0	11
123	Polarised covalent thorium( $\text{IV}$ ) and uranium( $\text{IV}$ )-silicon bonds. <i>Chemical Communications</i> , 2020, 56, 12620-12623.	4.1	11
124	Synthesis and Characterization of an Oxo-Centered Homotrimetallic Uranium(IV)-Cyclobutadienyl Dianion Complex. <i>Organometallics</i> , 2020, 39, 1824-1831.	2.3	11
125	$^{29}\text{Si}$ NMR Spectroscopy as a Probe of s- and f-Block Metal(II)-Silanide Bond Covalency. <i>Journal of the American Chemical Society</i> , 2021, 143, 9813-9824.	13.7	11
126	Silyl-Phosphino-Carbene Complexes of Uranium(IV). <i>Angewandte Chemie</i> , 2018, 130, 5604-5609.	2.0	10



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127	The "Hidden" Reductive [2+2+1] Cycloaddition Chemistry of $\sigma$ -Phosphaethynolate Revealed by Reduction of a $\sigma$ -OCP Linkage. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1197-1202.	13.8	10
128	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). <i>Angewandte Chemie</i> , 2017, 129, 7777-7781.	2.0	9
129	Rare Earth and Uranium Mesoionic Carbenes: A New Class of $\sigma$ -Block Carbene Complex Derived from an N-Heterocyclic Olefin. <i>Angewandte Chemie</i> , 2017, 129, 11692-11696.	2.0	9
130	Uranium halide and azide derivatives of the sterically demanding triamidoamine ligand TrenTPS [TrenTPS = $\{N(CH_2CH_2NSiPh_3)_3\}_3$ ]. <i>Polyhedron</i> , 2017, 125, 2-8.	2.2	9
131	Thorium(IV) alkyl synthesis from a thorium(III) cyclopentadienyl complex and an N-heterocyclic olefin. <i>Journal of Organometallic Chemistry</i> , 2018, 857, 75-79.	1.8	9
132	Prediction of high bond-order metal-metal multiple-bonds in heterobimetallic $3d^4f/5f$ complexes [TM = M{N( $\sigma$ -[NCH <sub>2</sub> P(CH <sub>3</sub> ) <sub>2</sub> ]C <sub>6</sub> H <sub>4</sub> ) <sub>3</sub> }] (TM = Cr, Mn, Fe; M = U, Np, Pu, and Nd). <i>Dalton Transactions</i> , 2019, 48, 12867-12879.	3.3	9
133	Reply to: $[Th(C_8H_8)Cl_2]_3^{2+}$ is stable but not aromatic. <i>Nature</i> , 2022, 603, E21-E22.	27.8	9
134	Preparation of Heterobimetallic Ketimido-Actinide-Molybdenum Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 13077-13089.	4.0	8
135	Element Half-Sandwich Complexes: A Tetrasilylcyclobutadienyl Uranium(IV) Tris(tetrahydroborate) Anion Pianostool Complex. <i>Angewandte Chemie</i> , 2020, 132, 301-305.	2.0	8
136	Nature of the Arsonium Ylide $Ph_3As=CH_2$ and a Uranium(IV) Arsonium Carbene Complex. <i>Angewandte Chemie</i> , 2020, 132, 16004-16008.	2.0	8
137	Synthesis and Characterisation of Molecular Polarised-Covalent Thorium-Rhenium and -Ruthenium Bonds. <i>Inorganics</i> , 2021, 9, 30.	2.7	8
138	Trapping of a Highly Bent and Reduced Form of $\sigma$ -Phosphaethynolate in a Mixed Valence Diuranium Triamidoamine Complex. <i>Angewandte Chemie</i> , 2019, 131, 10321-10325.	2.0	7
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140	A Uranium(VI) Oxo-Imido Dimer Complex Derived from a Sterically Demanding Triamidoamine. <i>Inorganic Chemistry</i> , 2020, 59, 10034-10041.	4.0	7
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142	Bimetallic Cooperative Cleavage of Dinitrogen to Nitride and Tandem Frustrated Lewis Pair Hydrogenation to Ammonia. <i>Angewandte Chemie</i> , 2019, 131, 6746-6749.	2.0	6
143	Rare Earth and Actinide Complexes. <i>Inorganics</i> , 2016, 4, 31.	2.7	5
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149	The “Hidden” Reductive [2+2+1] Cycloaddition Chemistry of a Phosphaethynolate Revealed by Reduction of a ThOCP Linkage. <i>Angewandte Chemie</i> , 2021, 133, 1217-1222.	2.0	2
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151	Arene Complexes of the Actinides. , 2022, , 460-501.		1
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