Stephen T Liddle

List of Publications by Year
in descending order

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152 papers	10,446 citations	24978 57 h-index	38300 95 g-index
184 all docs	184 docs citations	184 times ranked	4236 citing authors

#	Article	IF	Citations
1	Arene Complexes of the Actinides. , 2022, , 460-501.		1
2	A terminal neptunium(V)â€“mono(oxo) complex. Nature Chemistry, 2022, 14, 342-349.	6.6	19
3	Reply to: [{Th(C8H8)Cl2}3]2â^' is stable but not aromatic. Nature, 2022, 603, E21-E22.	13.7	9
4	A Series of Rareâ€Earth Mesoionic Carbene Complexes. Chemistry - A European Journal, 2022, , .	1.7	1
5	Uraniumâ€“nitride chemistry: uraniumâ€“uranium electronic communication mediated by nitride bridges. Dalton Transactions, 2022, 51, 8855-8864.	1.6	4
6	Carbene Complexes of Neptunium. Journal of the American Chemical Society, 2022, 144, 9764-9774.	6.6	7
7	Mesoionic Carbene Complexes of Uranium(IV) and Thorium(IV). Organometallics, 2022, 41, 1353-1363.	1.1	2
8	The â€œHiddenâ€•Reductive [2+2+1]â€Cycloaddition Chemistry of 2â€Phosphaethynolate Revealed by Reduction of a Thâ€OCP Linkage. Angewandte Chemie - International Edition, 2021, 60, 1197-1202.	7.2	10
9	Insights into D_{4h}@metal-symmetry single-molecule magnetism: the case of a dysprosium-bis(boryloxide) complex. Chemical Communications, 2021, 57, 733-736.	2.2	17
10	The â€œHiddenâ€•Reductive [2+2+1]â€Cycloaddition Chemistry of 2â€Phosphaethynolate Revealed by Reduction of a Thâ€OCP Linkage. Angewandte Chemie, 2021, 133, 1217-1222.	1.6	2
11	Fragmentation, catenation, and direct functionalisation of white phosphorus by a uranium(<scp>iv</scp>)â€“silylâ€“phosphinoâ€“carbene complex. Chemical Communications, 2021, 57, 5090-5093.	2.2	5
12	Dipnictogen f-Element Chemistry: A Diphosphorus Uranium Complex. Journal of the American Chemical Society, 2021, 143, 5343-5348.	6.6	18
13	Synthesis and Characterisation of Molecular Polarised-Covalent Thorium-Rhenium and -Ruthenium Bonds. Inorganics, 2021, 9, 30.	1.2	8
14	²⁹Si NMR Spectroscopy as a Probe of s- and f-Block Metal(II)â€“Silanide Bond Covalency. Journal of the American Chemical Society, 2021, 143, 9813-9824.	6.6	11
15	Anomalous magnetism of uranium(IV)-oxo and -imido complexes reveals unusual doubly degenerate electronic ground states. CheM, 2021, 7, 1666-1680.	5.8	22
16	Evidence for ligand- and solvent-induced disproportionation of uranium(IV). Nature Communications, 2021, 12, 4832.	5.8	13
17	A crystalline tri-thorium cluster with Ïƒ-aromatic metalâ€“metal bonding. Nature, 2021, 598, 72-75.	13.7	52
18	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.	3.7	24

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19	Exceptional uranium(VI)-nitride triple bond covalency from 15N nuclear magnetic resonance spectroscopy and quantum chemical analysis. Nature Communications, 2021, 12, 5649.	5.8	26
20	fâ€Element Halfâ€Sandwich Complexes: A Tetrasilylcyclobutadienylâ€“Uranium(IV)â€“Tris(tetrahydroborate) Anion Pianostool Complex. Angewandte Chemie - International Edition, 2020, 59, 295-299.	7.2	30
21	fâ€Element Halfâ€Sandwich Complexes: A Tetrasilylcyclobutadienylâ€“Uranium(IV)â€“Tris(tetrahydroborate) Anion Pianostool Complex. Angewandte Chemie, 2020, 132, 301-305.	1.6	8
22	f-Element silicon and heavy tetrel chemistry. Chemical Science, 2020, 11, 10871-10886.	3.7	21
23	Bridged and Unbridged Nickelâ€“Nickel Bonds Supported by Cyclopentadienyl and Phosphine Ligand Sets. Organometallics, 2020, 39, 4735-4746.	1.1	7
24	Polarised covalent thorium(<scp>iv</scp>)â€“ and uranium(<scp>iv</scp>)â€“silicon bonds. Chemical Communications, 2020, 56, 12620-12623.	2.2	11
25	The ditungsten decacarbonyl dianion. Dalton Transactions, 2020, 49, 9330-9335.	1.6	3
26	Nature of the Arsoniumâ€Ylide Ph₃As=CH₂ and a Uranium(IV) Arsoniumâ€“Carbene Complex. Angewandte Chemie - International Edition, 2020, 59, 15870-15874.	7.2	25
27	Nature of the Arsoniumâ€Ylide Ph 3 As=CH 2 and a Uranium(IV) Arsoniumâ€“Carbene Complex. Angewandte Chemie, 2020, 132, 16004-16008.	1.6	8
28	The Emergence of Actinide Cyclobutadienyl Chemistry. European Journal of Inorganic Chemistry, 2020, 2020, 2851-2861.	1.0	15
29	Heteroleptic actinocenes: a thorium(<scp>iv</scp>)â€“cyclobutadienylâ€“cyclooctatetraenylâ€“di-potassium-cyclooctatetraenyl complex. Chemical Science, 2020, 11, 6789-6794.	3.7	14
30	A Uranium(VI)â€“Oxo-Imido Dimer Complex Derived from a Sterically Demanding Triamidoamine. Inorganic Chemistry, 2020, 59, 10034-10041.	1.9	7
31	Terminal uranium(V)-nitride hydrogenations involving direct addition or Frustrated Lewis Pair mechanisms. Nature Communications, 2020, 11, 337.	5.8	45
32	Synthesis and Characterization of an Oxo-Centered Homotrimetallic Uranium(IV)â€“Cyclobutadienyl Dianion Complex. Organometallics, 2020, 39, 1824-1831.	1.1	11
33	Back-bonding between an electron-poor, high-oxidation-state metal and poor Ï€-acceptor ligand in a uranium(v)â€“dinitrogen complex. Nature Chemistry, 2019, 11, 806-811.	6.6	47
34	Trapping of a Highly Bent and Reduced Form of 2â€Phosphaethynolate in a Mixedâ€Valence Diuraniumâ€“Triamidoamine Complex. Angewandte Chemie, 2019, 131, 10321-10325.	1.6	7
35	Prediction of high bond-order metalâ€“metal multiple-bonds in heterobimetallic 3dâ€“4f/5f complexes [TMâ€“M{N(o-[NCH2P(CH3)2]C6H4)3}] (TM = Cr, Mn, Fe; M = U, Np, Pu, and Nd). Dalton Transactions, 2019, 48, 12867-12879.	1.6	9
36	Photolytic and Reductive Activations of 2â€Arsaethynolate in a Uraniumâ€“Triamidoamine Complex: Decarbonylative Arsenicâ€Group Transfer Reactions and Trapping of a Highly Bent and Reduced Form. Chemistry - A European Journal, 2019, 25, 14246-14252.	1.7	18

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37	Preparation of Heterobimetallic Ketimido-Actinide-Molybdenum Complexes. Inorganic Chemistry, 2019, 58, 13077-13089.	1.9	8
38	Thorium-nitrogen multiple bonds provide evidence for pushing-from-below for early actinides. Nature Communications, 2019, 10, 4203.	5.8	29
39	Trapping of a Highly Bent and Reduced Form of 2â€Phosphaethynolate in a Mixedâ€Valence Diuraniumâ€“Triamidoamine Complex. Angewandte Chemie - International Edition, 2019, 58, 10215-10219.	7.2	24
40	Studies of hysteresis and quantum tunnelling of the magnetisation in dysprosium(<scp>iii</scp>) single molecule magnets. Dalton Transactions, 2019, 48, 8541-8545.	1.6	71
41	Bimetallic Cooperative Cleavage of Dinitrogen to Nitride and Tandem Frustrated Lewis Pair Hydrogenation to Ammonia. Angewandte Chemie, 2019, 131, 6746-6749.	1.6	6
42	Bimetallic Cooperative Cleavage of Dinitrogen to Nitride and Tandem Frustrated Lewis Pair Hydrogenation to Ammonia. Angewandte Chemie - International Edition, 2019, 58, 6674-6677.	7.2	42
43	â€œInternational Year of the Periodic Tableâ€: Chemie der Lanthanoide und Actinoide. Angewandte Chemie, 2019, 131, 5194-5195.	1.6	4
44	Thorium- and uranium-azide reductions: a transient dithorium-nitride versus isolable diuranium-nitrides. Chemical Science, 2019, 10, 3738-3745.	3.7	42
45	Emergence of the structure-directing role of f-orbital overlap-driven covalency. Nature Communications, 2019, 10, 634.	5.8	50
46	International Year of the Periodic Table: Lanthanide and Actinide Chemistry. Angewandte Chemie - International Edition, 2019, 58, 5140-5141.	7.2	17
47	A Very Short Uranium(IV)â€“Rhodium(I) Bond with Net Doubleâ€Dative Bonding Character. Angewandte Chemie - International Edition, 2018, 57, 6587-6591.	7.2	53
48	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamineâ€“Titanium Complex. Angewandte Chemie - International Edition, 2018, 57, 6314-6318.	7.2	113
49	Actinideâ€“Pnictide (Anâ‹Pn) Bonds Spanning Nonâ€Metal, Metalloid, and Metal Combinations (An=U, Th;) Tj ETQq1 1 0.784314 rgBT	1.6	11
50	Catalytic Dinitrogen Reduction to Ammonia at a Triamidoamineâ€“Titanium Complex. Angewandte Chemie, 2018, 130, 6422-6426.	1.6	26
51	Silylâ€Phosphinoâ€Carbene Complexes of Uranium(IV). Angewandte Chemie, 2018, 130, 5604-5609.	1.6	10
52	Silylâ€Phosphinoâ€Carbene Complexes of Uranium(IV). Angewandte Chemie - International Edition, 2018, 57, 5506-5511.	7.2	43
53	Thorium(IV) alkyl synthesis from a thorium(III) cyclopentadienyl complex and an N-heterocyclic olefin. Journal of Organometallic Chemistry, 2018, 857, 75-79.	0.8	9
54	Actinideâ€“Pnictide (Anâ‹Pn) Bonds Spanning Nonâ€Metal, Metalloid, and Metal Combinations (An=U, Th;) Tj ETQq0 0 0 rgBT /Overlock	7.2	53

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55	Actinide-transition metal bonding in heterobimetallic uraniumâ€“ and thoriumâ€“molybdenum paddlewheel complexes. Chemical Communications, 2018, 54, 13515-13518.	2.2	32
56	A Very Short Uranium(IV)â€“Rhodium(I) Bond with Net Doubleâ€Dative Bonding Character. Angewandte Chemie, 2018, 130, 6697-6701.	1.6	19
57	Uranium(III)-carbon multiple bonding supported by arene Î´-bonding in mixed-valence hexauranium nanometre-scale rings. Nature Communications, 2018, 9, 2097.	5.8	43
58	Uranyl-tri-bis(silyl)amide Alkali Metal Contact and Separated Ion Pair Complexes. Inorganic Chemistry, 2018, 57, 6571-6583.	1.9	13
59	Terminal Uranium(V/VI) Nitride Activation of Carbon Dioxide and Carbon Disulfide: Factors Governing Diverse and Wellâ€Defined Cleavage and Redox Reactions. Chemistry - A European Journal, 2017, 23, 2950-2959.	1.7	38
60	Triamidoamine thorium-arsenic complexes with parent arsenide, arsinidiide and arsenido structural motifs. Nature Communications, 2017, 8, 14769.	5.8	50
61	The inverse-trans-influence in tetravalent lanthanide and actinide bis(carbene) complexes. Nature Communications, 2017, 8, 14137.	5.8	128
62	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). Angewandte Chemie - International Edition, 2017, 56, 7669-7673.	7.2	33
63	Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). Angewandte Chemie, 2017, 129, 7777-7781.	1.6	9
64	Rareâ€Earthâ€and Uraniumâ€Mesoionic Carbenes: A New Class of fâ€Block Carbene Complex Derived from an Nâ€Heterocyclic Olefin. Angewandte Chemie, 2017, 129, 11692-11696.	1.6	9
65	Crystalline Diuranium Phosphinidiide and Î¼â€Phosphido Complexes with Symmetric and Asymmetric UPU Cores. Angewandte Chemie, 2017, 129, 10631-10636.	1.6	21
66	Crystalline Diuranium Phosphinidiide and Î¼â€Phosphido Complexes with Symmetric and Asymmetric UPU Cores. Angewandte Chemie - International Edition, 2017, 56, 10495-10500.	7.2	62
67	Rareâ€Earthâ€and Uraniumâ€Mesoionic Carbenes: A New Class of fâ€Block Carbene Complex Derived from an Nâ€Heterocyclic Olefin. Angewandte Chemie - International Edition, 2017, 56, 11534-11538.	7.2	39
68	Yttrium Methanide and Methanediide Bis(silyl)amide Complexes. Organometallics, 2017, 36, 4584-4590.	1.1	17
69	Evidence for single metal two electron oxidative addition and reductive elimination at uranium. Nature Communications, 2017, 8, 1898.	5.8	32
70	Assessing crystal field and magnetic interactions in diuranium-Î¼-chalcogenide triamidoamine complexes with U^{IV}â€“Eâ€“U^{IV} cores (E = S, Se, Te): implications for determining the presence or absence of actinideâ€“actinide magnetic exchange. Chemical Science, 2017, 8, 6207-6217.	3.7	42
71	Uraniumâ€“halide and â€“azide derivatives of the sterically demanding triamidoamine ligand TrenTPS [TrenTPS= {N(CH2CH2NSiPh3)3}3â^']. Polyhedron, 2017, 125, 2-8.	1.0	9
72	Rare Earth and Actinide Complexes. Inorganics, 2016, 4, 31.	1.2	5

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73	Molecular and electronic structure of terminal and alkali metal-capped uranium(V) nitride complexes. Nature Communications, 2016, 7, 13773.	5.8	82
74	Uranium Metallaâ€Allenes with Carbene Imido R₂C=U^{IV}=NRâ€² Units (R=Ph₂PNSiMe₃; Râ€²=CPh₃): Alkaliâ€Metalâ€Mediated Pushâ€“Pull Effects with an Amido Auxiliary. Chemistry - A European Journal, 2016, 22, 11554-11558.	5.7	33
75	Uraniumâ€“Carbeneâ€“Imido Metallaâ€Allenes: Ancillaryâ€Ligandâ€Controlled cisâ€/transâ€Isomerisation and Assessment of trans Influence in the R₂C=U^{IV}=NRâ€² Unit (R=Ph₂PNSiMe₃;) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.7	37
76	Thoriumâ€“phosphorus triamidoamine complexes containing Thâ€“P single- and multiple-bond interactions. Nature Communications, 2016, 7, 12884.	5.8	87
77	Uranium halide complexes stabilized by a new sterically demanding tripodal tris(N-adamantylamidodimethylsilyl)methane ligand. Journal of Coordination Chemistry, 2016, 69, 1893-1903.	0.8	2
78	Emergence of comparable covalency in isostructural cerium(<scp>iv</scp>)â€“ and uranium(<scp>iv</scp>)â€“carbon multiple bonds. Chemical Science, 2016, 7, 3286-3297.	3.7	90
79	Neptunium and plutonium complexes with a sterically encumbered triamidoamine (TREN) scaffold. Chemical Communications, 2016, 52, 5428-5431.	2.2	26
80	A monometallic lanthanide bis(methanediide) single molecule magnet with a large energy barrier and complex spin relaxation behaviour. Chemical Science, 2016, 7, 155-165.	3.7	300
81	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. Angewandte Chemie - International Edition, 2015, 54, 15250-15254.	7.2	50
82	Isolation of Elusive HAsAsH in a Crystalline Diuranium(IV) Complex. Angewandte Chemie, 2015, 127, 15465-15469.	1.6	16
83	The Renaissance of Nonâ€Aqueous Uranium Chemistry. Angewandte Chemie - International Edition, 2015, 54, 8604-8641.	7.2	380
84	Uranium triamidoamine chemistry. Chemical Communications, 2015, 51, 10589-10607.	2.2	62
85	Charge control of the inverse trans-influence. Chemical Communications, 2015, 51, 16671-16674.	2.2	29
86	Thorium Triamidoamine Complexes: Synthesis of an Unusual Dinuclear Tuck-inâ€“Tuck-over Thorium Metallacycle Featuring the Longest Known Thoriumâ€“ï*f*-Alkyl Bond. Organometallics, 2015, 34, 2386-2394.	1.1	23
87	Inverted sandwich arene complexes of uranium. Coordination Chemistry Reviews, 2015, 293-294, 211-227.	9.5	61
88	Covalent Uranium Carbene Chemistry. Comments on Inorganic Chemistry, 2015, 35, 262-294.	3.0	44
89	Uranium-mediated oxidative addition and reductive elimination. Dalton Transactions, 2015, 44, 12924-12941.	1.6	31
90	Improving f-element single molecule magnets. Chemical Society Reviews, 2015, 44, 6655-6669.	18.7	699

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91	Triamidoamine uranium(IV)â€“arsenic complexes containing one-, two- and threefold Uâ€“As bonding interactions. Nature Chemistry, 2015, 7, 582-590.	6.6	114
92	An Invertedâ€Sandwich Diuranium Î¼â€[η⁵:Î·⁵â€Cycloâ€P₅ Complex Supported by Uâ€P₅ Îˆâ€Bonding. Angewandte Chemie, 2015, 127, 7174-7178.	1.6	19
93	An Invertedâ€Sandwich Diuranium Î¼â€[η⁵:Î·⁵â€Cycloâ€P₅ Complex Supported by Uâ€P₅ Îˆâ€Bonding. Angewandte Chemie - International Edition, 2015, 54, 7068-7072.	7.2	52
94	Comments on reactions of oxide derivatives of uranium with hexachloropropene to give UCl₄. New Journal of Chemistry, 2015, 39, 7559-7562.	1.4	26
95	The Ketimide Ligand is Not Just an Inert Spectator: Heteroallene Insertion Reactivity of an Actinideâ€“Ketimide Linkage in a Thorium Carbene Amide Ketimide Complex. Angewandte Chemie - International Edition, 2014, 53, 9356-9359.	7.2	36
96	Twoâ€Electron Reductive Carbonylation of Terminal Uranium(V) and Uranium(VI) Nitrides to Cyanate by Carbon Monoxide. Angewandte Chemie - International Edition, 2014, 53, 10412-10415.	7.2	91
97	Triamidoamineâ€“Uranium(IV)â€Stabilized Terminal Parent Phosphide and Phosphinidene Complexes. Angewandte Chemie - International Edition, 2014, 53, 4484-4488.	7.2	130
98	Synthesis, Characterization, and Reactivity of a Uranium(VI) Carbene Imido Oxo Complex. Angewandte Chemie - International Edition, 2014, 53, 6696-6700.	7.2	103
99	Progress in molecular uranium-nitride chemistry. Coordination Chemistry Reviews, 2014, 266-267, 2-15.	9.5	98
100	Reactivity of the uranium(<scp>iv</scp>) carbene complex [U(BIPM^{TMS})(Cl)(Î¼-Cl)₂Li(THF)₂] (BIPM^{TMS}=) Tj ETQq0 0 0 rgBT /Overlock 10 Tf substrates: metallo-Wittig, adduct formation, Câ€“F bond activation, and [2 + 2]-cycloaddition reactions. Dalton Transactions, 2014, 43, 14275-14283.	1.6	35
101	Synthesis and Characterization of an f-Block Terminal Parent Imido [Uâ•NH] Complex: A Masked Uranium(IV) Nitride. Journal of the American Chemical Society, 2014, 136, 5619-5622.	6.6	121
102	The role of 5f-orbital participation in unexpected inversion of the Ïƒ-bond metathesis reactivity trend of triamidoamine thorium(<scp>iv</scp>) and uranium(<scp>iv</scp>) alkyls. Chemical Science, 2014, 5, 2489-2497.	3.7	94
103	[U^{III}{N(SiMe₂tBu)₂}₃]: A Structurally Authenticated Trigonal Planar Actinide Complex. Chemistry - A European Journal, 2014, 20, 14579-14583.	1.7	39
104	Reductive assembly of cyclobutadienyl and diphosphacyclobutadienyl rings at uranium. Nature Communications, 2013, 4, 2323.	5.8	50
105	Î²-Diketiminate Derivatives of Alkali Metals and Uranium. Organometallics, 2013, 32, 5058-5070.	1.1	27
106	Smallâ€Molecule Activation at Uranium(III). European Journal of Inorganic Chemistry, 2013, 2013, 3753-3770.	1.0	106
107	Reactivity of the Yttrium Alkyl Carbene Complex [Y(BIPM)(CH₂C₆H₅)(THF)] (BIPM =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td ({C(P Substitutions, and Additions to Nontypical Transformations. Organometallics, 2013, 32, 1251-1264.	1.1	43
108	Singleâ€Molecule Magnetism in a Singleâ€Ion Triamidoamine Uranium(V) Terminal Monoâ€Oxo Complex. Angewandte Chemie - International Edition, 2013, 52, 4921-4924.	7.2	133

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109	The Nature of the Uï£¾C Double Bond: Pushing the Stability of Highâ€Oxidationâ€State Uranium Carbenes to the Limit. Chemistry - A European Journal, 2013, 19, 7071-7083.	1.7	99
110	Isolation and characterization of a uranium(VI)â€“nitride triple bond. Nature Chemistry, 2013, 5, 482-488.	6.6	252
111	Reactivity Studies of a T-Shaped Yttrium Carbene: Câ€“F and Câ€“O Bond Activation and Câ•C Bond Formation Promoted by [Y(BIPM)(I)(THF)2] (BIPM = C(PPh2NSiMe3)2). Organometallics, 2013, 32, 1239-1250.	1.1	35
112	A Cerium(IV)â€“Carbon Multiple Bond. Angewandte Chemie - International Edition, 2013, 52, 13016-13019.	7.2	91
113	An Actinide Zintl Cluster: A Tris(triamidouranium)Î¼₃â€Î·²:Î·²:Î·²â€Heptaphosphanortricyclane and Its Diverse Synthetic Utility. Angewandte Chemie - International Edition, 2013, 52, 13334-13337.	7.2	63
114	f-Element-metal bond chemistry. Reviews in Inorganic Chemistry, 2012, 32, 1-22.	1.8	41
115	Homologation and functionalization of carbon monoxide by a recyclable uranium complex. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9265-9270.	3.3	151
116	Synthesis of a Uranium(VI)-Carbene: Reductive Formation of Uranyl(V)-Methanides, Oxidative Preparation of a [R₂Câ•Uâ•O]²⁺ Analogue of the [Oâ•Uâ•O]²⁺ Uranyl Ion (R = Ph₂PNSiMe₃), and Comparison of the Nature of U^{IV}â•C, U^Vâ•C, and U^{VI}â•C Double Bonds. Journal of the American Chemical Society, 2012, 134, 10047-10054.	6.6	163
117	Synthesis and Structure of a Terminal Uranium Nitride Complex. Science, 2012, 337, 717-720.	6.0	305
118	Synthesis of Uranium(VI) Terminal Oxo Complexes: Molecular Geometry Driven by the Inverse Trans-Influence. Journal of the American Chemical Society, 2012, 134, 5284-5289.	6.6	84
119	Structural and theoretical insights into the perturbation of uraniumâ€“rhenium bonds by dative Lewis base ancillary ligands. Chemical Communications, 2011, 47, 295-297.	2.2	64
120	Group 1 Bis(iminophosphorano)methanides, Part 2:N-Aryl Derivatives of the Sterically Demanding Methanes H2C(PPh2NR)2(R = 2,4,6-trimethylphenyl or 2,6-diisopropylphenyl). Organometallics, 2011, 30, 5326-5337.	1.1	22
121	Group 1 Bis(iminophosphorano)methanides, Part 1: N-Alkyl and Silyl Derivatives of the Sterically Demanding Methanes H₂C(PPh₂NR)₂ (R = Adamantyl and) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	22
122	Early metal bis(phosphorus-stabilised)carbene chemistry. Chemical Society Reviews, 2011, 40, 2164.	18.7	153
123	Halide, Amide, Cationic, Manganese Carbonylate, and Oxide Derivatives of Triamidosilylamine Uranium Complexes. Inorganic Chemistry, 2011, 50, 9631-9641.	1.9	37
124	A delocalized arene-bridged diuranium single-molecule magnet. Nature Chemistry, 2011, 3, 454-460.	6.6	299
125	Uraniumâ€“Carbon Multiple Bonding: Facile Access to the Pentavalent Uranium Carbene [U{C(PPh₂NSiMe₃)₂}(Cl)₂(I)] and Comparison of U^Vï£¾C and U^{IV}ï£¾C Bonds. Angewandte Chemie - International Edition, 2011, 50, 2383-2386.	7.2	132
126	A Formal High Oxidation State Inverseâ€Sandwich Diuranium Complex: A New Route to fâ€Blockâ€Metal Bonds. Angewandte Chemie - International Edition, 2011, 50, 10388-10392.	7.2	132

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127	An Unsupported Uraniumâ€“Rhenium Complex Prepared by Alkane Elimination. Chemistry - A European Journal, 2011, 17, 6909-6912.	1.7	72
128	On the Nature of Actinideâ€“ and Lanthanideâ€“Metal Bonds in Heterobimetallic Compounds. Chemistry - A European Journal, 2011, 17, 8424-8433.	1.7	112
129	The Nature of Unsupported Uraniumâ€“Ruthenium Bonds: A Combined Experimental and Theoretical Study. Chemistry - A European Journal, 2011, 17, 11266-11273.	1.7	65
130	Synthesis and Characterization of Dysprosium and Lanthanum Bis(iminophosphorano)methanide and -methanediide Complexes. Organometallics, 2010, 29, 2315-2321.	1.1	51
131	Regioselective Câ^'H Activation and Sequential Câ^'C and Câ^'O Bond Formation Reactions of Aryl Ketones Promoted by an Yttrium Carbene. Journal of the American Chemical Society, 2010, 132, 14379-14381.	6.6	108
132	Synthesis and structure of [U{C(PPh2NMes)2}2] (Mes = 2,4,6-Me3C6H2): A homoleptic uranium bis(carbene) complex with two formal Uî€C double bonds. Dalton Transactions, 2010, 39, 5074.	1.6	85
133	Non-traditional ligands in f-block chemistry. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2009, 465, 1673-1700.	1.0	43
134	Ïƒ and Ï€â€…Donation in an Unsupported Uraniumâ€“Gallium Bond. Angewandte Chemie - International Edition, 2009, 48, 1077-1080.	7.2	136
135	Heteroleptic [M(CH₂C₆H₅)₂(I)(THF)₃] Complexes (M = Y or Er): Remarkably Stable Precursors to Yttrium and Erbium T-Shaped Carbenes. Organometallics, 2009, 28, 6771-6776.	1.1	64
136	A Heterobimetallic Gallyl Complex Containing an Unsupported Gaâ^'Y Bond. Inorganic Chemistry, 2009, 48, 3520-3522.	1.9	77
137	Synthesis and reactivity of the yttrium-alkyl-carbene complex [Y(BIPM)(CH2C6H5)(THF)] (BIPM =) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	67
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