

# Brian L Scott

## List of Publications by Year in descending order

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347  
papers

15,303  
citations

13854

67  
h-index

33869

99  
g-index

355  
all docs

355  
docs citations

355  
times ranked

9039  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mild and Homogeneous Cobalt-Catalyzed Hydrogenation of C≡C, C≡O, and C≡N Bonds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12102-12106.	7.2	307
2	Structure and magnetic behavior of transition metal based ionic liquids. <i>Chemical Communications</i> , 2008, , 447-449.	2.2	296
3	Understanding the Mechanisms of Cobalt-Catalyzed Hydrogenation and Dehydrogenation Reactions. <i>Journal of the American Chemical Society</i> , 2013, 135, 8668-8681.	6.6	281
4	Calcium Amidotrihydroborate: A Hydrogen Storage Material. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 8995-8997.	7.2	224
5	Synthesis of Imido Analogs of the Uranyl Ion. <i>Science</i> , 2005, 310, 1941-1943.	6.0	211
6	Uranium azide photolysis results in C-H bond activation and provides evidence for a terminal uranium nitride. <i>Nature Chemistry</i> , 2010, 2, 723-729.	6.6	202
7	Importance of Out-of-State Spin-Orbit Coupling for Slow Magnetic Relaxation in Mononuclear Fe(II) Complexes. <i>Journal of the American Chemical Society</i> , 2011, 133, 15806-15809.	6.6	202
8	Iron Complex-Catalyzed Ammonia-Borane Dehydrogenation. A Potential Route toward B-N-Containing Polymer Motifs Using Earth-Abundant Metal Catalysts. <i>Journal of the American Chemical Society</i> , 2012, 134, 5598-5609.	6.6	195
9	Covalency in Lanthanides. An X-ray Absorption Spectroscopy and Density Functional Theory Study of LnCl <sub>6</sub> <sup>3-</sup> (Ln = Ce, Pr, Nd). <i>Journal of the American Chemical Society</i> , 2015, 137, 2506-2523.	6.6	182
10	Experimental and Theoretical Comparison of Actinide and Lanthanide Bonding in M[N(EPR) <sub>2</sub> ] <sub>2</sub> Complexes (M = U, Pu, La, Ce; E = S, Se, Te; R = Ph). <i>J. Am. Chem. Soc.</i> 2010, 132, 1707-1718.	6.6	178
11	Aerobic Oxidation of Lignin Models Using a Base Metal Vanadium Catalyst. <i>Inorganic Chemistry</i> , 2010, 49, 5611-5618.	1.9	167
12	An Energetic Triazolo[1,2,4-c]triazine and its N-Oxide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15315-15318.	7.2	166
13	Thorium(IV) and Uranium(IV) Ketimide Complexes Prepared by Nitrile Insertion into Actinide-Alkyl and Aryl Bonds. <i>Organometallics</i> , 2004, 23, 4682-4692.	1.1	156
14	Uncovering f-element bonding differences and electronic structure in a series of 1f <sup>3</sup> and 1f <sup>4</sup> complexes with a diselenophosphinate ligand. <i>Chemical Science</i> , 2013, 4, 1189.	3.7	146
15	A Lanthanide Phosphinidene Complex: Synthesis, Structure, and Phospha-Wittig Reactivity. <i>Journal of the American Chemical Society</i> , 2008, 130, 2408-2409.	6.6	144
16	Sterically Tunable Phosphenium Cations: Synthesis and Characterization of Bis(arylamino)phosphenium Ions, Phosphinophosphenium Adducts, and the First Well-Defined Rhodium Phosphenium Complexes. <i>Organometallics</i> , 2000, 19, 4944-4956.	1.1	138
17	Cation-Cation Interactions, Magnetic Communication, and Reactivity of the Pentavalent Uranium Ion [U(NtBu) <sub>2</sub> ] <sup>+</sup> . <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3795-3798.	7.2	127
18	Implications for the Thin-Film Densification of TiO <sub>2</sub> from Carboxylic Acid-Modified Titanium Alkoxides. Syntheses, Characterizations, X-ray Structures of Ti <sub>3</sub> (1/43-O)(O <sub>2</sub> CH) <sub>2</sub> (ONep) <sub>8</sub> , Ti <sub>3</sub> (1/43-O)(O <sub>2</sub> CMe) <sub>2</sub> (ONep) <sub>8</sub> , Ti <sub>6</sub> (1/43-O) <sub>6</sub> (O <sub>2</sub> CCHMe <sub>2</sub> ) <sub>6</sub> (ONep) <sub>6</sub> , [Ti(1/4-O <sub>2</sub> CMe <sub>3</sub> )(ONep) <sub>3</sub> ] <sub>2</sub> , and Ti <sub>3</sub> (1/43-O)(O <sub>2</sub> CCH <sub>2</sub> CMe <sub>3</sub> ) <sub>2</sub> (ONep) <sub>8</sub> (ONep =). <i>J. Am. Chem. Soc.</i> 2010, 132, 125-134.	6.6	125

#	ARTICLE	IF	CITATIONS
19	Syntheses and Structures of Alkyl and Aryl Halide Complexes of the Type [(PiPr <sub>3</sub> ) <sub>2</sub> PtH(̇-1-XR)]BARfand Analogues with Et <sub>2</sub> O, THF, and H <sub>2</sub> Ligands. Halide-to-Metal ̇ Bonding in Halocarbon Complexes. Journal of the American Chemical Society, 1996, 118, 11831-11843.	6.6	124
20	Synthesis and Reactivity of the Imido Analogues of the Uranyl Ion. Journal of the American Chemical Society, 2006, 128, 10549-10559.	6.6	122
21	A New Mode of Reactivity for PyridineN-Oxide: ̇ C ̇ H Activation with Uranium(IV) and Thorium(IV) Bis(alkyl) Complexes. Journal of the American Chemical Society, 2005, 127, 1338-1339.	6.6	120
22	Evidence for the Involvement of 5f Orbitals in the Bonding and Reactivity of Organometallic Actinide Compounds: Thorium(IV) and Uranium(IV) Bis(hydrazonato) Complexes. Journal of the American Chemical Society, 2008, 130, 17537-17551.	6.6	118
23	Potassium(I) Amidotrihydroborate: Structure and Hydrogen Release. Journal of the American Chemical Society, 2010, 132, 11836-11837.	6.6	112
24	Bose glass and Mott glass of quasiparticles in a doped quantum magnet. Nature, 2012, 489, 379-384.	13.7	111
25	Synthesis and Crystal Structure of UO <sub>2</sub> Cl <sub>2</sub> (THF) <sub>3</sub> : A Simple Preparation of an Anhydrous Uranyl Reagent. Inorganic Chemistry, 1999, 38, 4156-4158.	1.9	109
26	Effect of spin-orbit coupling on the actinide dioxides AnO <sub>2</sub> (An=Th, Pa, U, Np, Pu, and Am): A screened hybrid density functional study. Journal of Chemical Physics, 2012, 137, 154707.	1.2	108
27	Convenient Synthesis, Structure, and Reactivity of (C <sub>5</sub> Me <sub>5</sub> )U(CH <sub>2</sub> C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> : A Simple Strategy for the Preparation of Monopentamethylcyclopentadienyl Uranium(IV) Complexes. Organometallics, 2002, 21, 5978-5982.	1.1	107
28	Convenient access to the anhydrous thorium tetrachloride complexes ThCl <sub>4</sub> (DME) <sub>2</sub> , ThCl <sub>4</sub> (1,4-dioxane) <sub>2</sub> and ThCl <sub>4</sub> (THF) <sub>3.5</sub> using commercially available and inexpensive starting materials. Chemical Communications, 2010, 46, 919.	2.2	107
29	Aerobic Oxidation Reactions Catalyzed by Vanadium Complexes of Bis(Phenolate) Ligands. Inorganic Chemistry, 2012, 51, 7354-7361.	1.9	107
30	Why Does Alkylation of the N ̇ H Functionality within M/NH Bifunctional Noyori-Type Catalysts Lead to Turnover?. Journal of the American Chemical Society, 2017, 139, 1245-1260.	6.6	107
31	U<sub>4</sub>(1,4-dioxane)<sub>2</sub>, [UCl<sub>4</sub>(1,4-dioxane)]<sub>2</sub>, and U<sub>3</sub>(1,4-dioxane)<sub>1.5</sub>: Stable and Versatile Starting Materials for Low- and High-Valent Uranium Chemistry. Organometallics, 2011, 30, 2031-2038.	1.1	106
32	Probing the Chemistry, Electronic Structure and Redox Energetics in Organometallic Pentavalent Uranium Complexes. Inorganic Chemistry, 2008, 47, 11879-11891.	1.9	105
33	A Trigonal Bipyramidal Uranyl Amido Complex: ̇ Synthesis and Structural Characterization of [Na(THF) <sub>2</sub> ][UO <sub>2</sub> (N(SiMe <sub>3</sub> ) <sub>2</sub> ) <sub>3</sub> ]. Inorganic Chemistry, 2000, 39, 5464-5468.	1.9	104
34	Aerobic Oxidation of Pinacol by Vanadium(V) Dipicolinate Complexes: Evidence for Reduction to Vanadium(III). Journal of the American Chemical Society, 2009, 131, 428-429.	6.6	102
35	Formic Acid Modified Ti(OCHMe <sub>2</sub> ) <sub>4</sub> . Syntheses, Characterization, and X-ray Structures of Ti <sub>4</sub> (̇/4-O)(̇/4-O)(Ofc) <sub>2</sub> (̇/4-OR) <sub>4</sub> (OR) <sub>6</sub> and Ti <sub>6</sub> (̇/3-O) <sub>6</sub> (Ofc) <sub>6</sub> (OR) <sub>6</sub> (Ofc = O <sub>2</sub> CH; OR = OCHMe <sub>2</sub> ). Inorganic Chemistry, 1998, 37, 5588-5594.	1.9	101
36	Facile Access to Pentavalent Uranium Organometallics: ̇ One-Electron Oxidation of Uranium(IV) Imido Complexes with Copper(I) Salts. Journal of the American Chemical Society, 2007, 129, 11914-11915.	6.6	100

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37	Crystal-structure, magnetic-susceptibility, and EPR studies of bis(piperidinium)tetrabromocuprate(II): A novel monomer system showing spin diffusion. <i>Physical Review B</i> , 1990, 41, 1657-1663.	1.1	95
38	Systematic Studies of Early Actinide Complexes: Uranium(IV) Fluoroketimides. <i>Inorganic Chemistry</i> , 2007, 46, 7477-7488.	1.9	95
39	Tris(bis(trimethylsilyl)amido)samarium: X-ray Structure and DFT Study. <i>Inorganic Chemistry</i> , 2003, 42, 6682-6690.	1.9	94
40	Alkene Hydrogenation Catalyzed by Nickel Hydride Complexes of an Aliphatic PNP Pincer Ligand. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4898-4906.	1.0	89
41	Covalency in Americium(III) Hexachloride. <i>Journal of the American Chemical Society</i> , 2017, 139, 8667-8677.	6.6	89
42	The First f-Element Ketimido Complex: Synthesis and Characterization of (C <sub>5</sub> Me <sub>5</sub> ) <sub>2</sub> U(η <sup>5</sup> -NCPPh <sub>2</sub> ) <sub>2</sub> . <i>Organometallics</i> , 2002, 21, 3073-3075.	1.1	88
43	Basicity of Uranyl Oxo Ligands upon Coordination of Alkoxides. <i>Inorganic Chemistry</i> , 2000, 39, 5277-5285.	1.9	87
44	Reaction of the Uranyl(VI) Ion (UO <sub>2</sub> <sup>2+</sup> ) with a Triamidoamine Ligand: Preparation and Structural Characterization of a Mixed-Valent Uranium(V/VI) Oxo-Imido Dimer. <i>Inorganic Chemistry</i> , 2001, 40, 5491-5496.	1.9	87
45	Coordination Trends in Alkali Metal Crown Ether Uranyl Halide Complexes: The Series [A(Crown)] <sub>2</sub> [UO <sub>2</sub> X <sub>4</sub> ] Where A = Li, Na, K and X = Cl, Br. <i>Inorganic Chemistry</i> , 2001, 40, 3389-3394.	1.9	87
46	Tetrahalide Complexes of the [U(NR) <sub>2</sub> ] <sup>2+</sup> Ion: Synthesis, Theory, and Chlorine K-Edge X-ray Absorption Spectroscopy. <i>Journal of the American Chemical Society</i> , 2013, 135, 2279-2290.	6.6	87
47	Titanium(IV) Neopentoxides. X-ray Structures of Ti <sub>3</sub> ( <sup>1</sup> / <sub>4</sub> -O)( <sup>1</sup> / <sub>4</sub> -Cl)( <sup>1</sup> / <sub>4</sub> -OCH <sub>2</sub> Me <sub>3</sub> ) <sub>3</sub> (OCH <sub>2</sub> Me <sub>3</sub> ) <sub>6</sub> and [Ti( <sup>1</sup> / <sub>4</sub> -OCH <sub>2</sub> Me <sub>3</sub> )(OCH <sub>2</sub> Me <sub>3</sub> ) <sub>3</sub> ] <sub>2</sub> . <i>Inorganic Chemistry</i> , 1997, 36, 3293-3300.	1.9	86
48	Cationic Manganese(I) Dihydrogen and Dinitrogen Complexes Derived from a Formally 16-Electron Complex with a Bis-Agostic Interaction, [Mn(CO)(Ph <sub>2</sub> PC <sub>2</sub> H <sub>4</sub> PPh <sub>2</sub> ) <sub>2</sub> ] <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 1996, 118, 6782-6783.	6.6	84
49	Synthesis and structure of N-heterocyclic carbene complexes of uranyl dichloride. <i>Chemical Communications</i> , 2001, , 1348-1349.	2.2	84
50	The First Example of a <sup>1</sup> / <sub>2</sub> -Imido Functionality Bound to a Lanthanide Metal Center: X-ray Crystal Structure and DFT Study of [( <sup>1</sup> / <sub>4</sub> -ArN)Sm( <sup>1</sup> / <sub>4</sub> -NHAr)( <sup>1</sup> / <sub>4</sub> -Me)AlMe <sub>2</sub> ] <sub>2</sub> (Ar = 2,6-iPr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ) <sub>1</sub> . <i>Organometallics</i> , 2002, 21, 4726-4734.	1.1	84
51	High-Yield Synthesis and Single-Crystal X-ray Structure of a Plutonium(III) Aquo Complex: [Pu(H <sub>2</sub> O) <sub>9</sub> ][CF <sub>3</sub> SO <sub>3</sub> ] <sub>3</sub> . <i>Inorganic Chemistry</i> , 2001, 40, 2638-2639.	1.9	83
52	Identification of the Formal +2 Oxidation State of Neptunium: Synthesis and Structural Characterization of {Np <sup>II</sup> }[C <sub>5</sub> H <sub>3</sub> (SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>3</sub> }. <i>Journal of the American Chemical Society</i> , 2018, 140, 7425-7428.	6.6	81
53	Hydrogen evolution from organic hydrides. <i>Chemical Communications</i> , 2005, , 5919.	2.2	80
54	C-H Activation and C-C Coupling of Arenes by Cationic Pt(II) Complexes. <i>Journal of the American Chemical Society</i> , 2002, 124, 12550-12556.	6.6	78

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55	Exchange of an Imido Ligand in Bis(imido) Complexes of Uranium. <i>Journal of the American Chemical Society</i> , 2006, 128, 12622-12623.	6.6	77
56	Oxidative Addition to U(V)–U(V) Dimers: Facile Routes to Uranium(VI) Bis(imido) Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 11615-11623.	1.9	77
57	Challenging the Metallocene Dominance in Actinide Chemistry with a Soft PNP Pincer Ligand: New Uranium Structures and Reactivity Patterns. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 3681-3684.	7.2	76
58	Bonding Trends Traversing the Tetravalent Actinide Series: Synthesis, Structural, and Computational Analysis of An <sup>IV</sup> (Ar <sup>acnac</sup> ) <sub>4</sub> Complexes (An = Th, U, Np, Pu); <i>J. Am. Chem. Soc.</i> 2009, 131, 8557-8566.	1.9	76
59	Tetravalent and Pentavalent Uranium Acetylide Complexes Prepared by Oxidative Functionalization with CuC≡CPh. <i>Organometallics</i> , 2008, 27, 3335-3337.	1.1	75
60	Synthesis, structure, spectroscopy and redox energetics of a series of uranium(IV) mixed-ligand metallocene complexes. <i>Comptes Rendus Chimie</i> , 2010, 13, 790-802.	0.2	73
61	Enhancing the reactivity of uranium(vi) organoimido complexes with diazoalkanes. Electronic supplementary information (ESI) available: experimental, including general procedures, materials and synthesis of complexes 2 and 3. See <a href="http://www.rsc.org/suppdata/cc/b1/b109455f/">http://www.rsc.org/suppdata/cc/b1/b109455f/</a> . <i>Chemical Communications</i> , 2002, 30-31.	2.2	72
62	Ytterbocene Charge-Transfer Molecular Wire Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 7230-7241.	6.6	72
63	Highly Electrophilic [Re(CO) <sub>4</sub> (PR <sub>3</sub> ) <sub>3</sub> ]+ Center Binds Et <sub>2</sub> O and CH <sub>2</sub> Cl <sub>2</sub> and Heterolytically Activates H <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 1998, 120, 6808-6809.	6.6	71
64	Mono(pentamethylcyclopentadienyl)uranium(III) Complexes: Synthesis, Properties, and X-ray Structures of (Cp* <sub>2</sub> U)(THF) <sub>3</sub> , (Cp* <sub>2</sub> U)(py) <sub>3</sub> , and (Cp* <sub>2</sub> U)[N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sub>2</sub> . <i>Organometallics</i> , 2000, 19, 451-457.	1.1	71
65	Uranium(VI) Bis(imido) Chalcogenate Complexes: Synthesis and Density Functional Theory Analysis. <i>Inorganic Chemistry</i> , 2009, 48, 2693-2700.	1.9	71
66	Mechanism of Alcohol Oxidation by Dipicolinate Vanadium(V): Unexpected Role of Pyridine. <i>Journal of the American Chemical Society</i> , 2010, 132, 17804-17816.	6.6	71
67	First Identification and Thermodynamic Characterization of the Ternary U(VI) Species, UO <sub>2</sub> (O) <sub>2</sub> (CO) <sub>3</sub> , in UO <sub>2</sub> –H <sub>2</sub> O–CO <sub>2</sub> Solutions. <i>Inorganic Chemistry</i> , 2008, 47, 1984-1990.	1.9	70
68	Experimental and Theoretical Studies of Bonding and Oxidative Addition of Germanes and Silanes, EH <sub>4</sub> -nPhn (E = Si, Ge; n = 0–3), to Mo(CO)(diphosphine) <sub>2</sub> . The First Structurally Characterized Germane ÷f Complex. <i>Organometallics</i> , 2003, 22, 5307-5323.	1.1	68
69	A Molecular Actinide–Tellurium Bond and Comparison of Bonding in [MIII{N(TePiPr <sub>2</sub> ) <sub>2</sub> } <sub>3</sub> ] (M=U, La). <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1638-1641.	7.2	68
70	Imido Exchange in Bis(imido) Uranium(VI) Complexes with Aryl Isocyanates. <i>Journal of the American Chemical Society</i> , 2008, 130, 2930-2931.	6.6	68
71	Rhenium Complexes with Weakly Coordinating Solvent Ligands, cis-[Re(PR <sub>3</sub> )(CO) <sub>4</sub> (L)][BARF], L = CH <sub>2</sub> Cl <sub>2</sub> , Et <sub>2</sub> O, NC <sub>5</sub> F <sub>5</sub> : Decomposition to Chloride-Bridged Dimers in CH <sub>2</sub> Cl <sub>2</sub> Solution. <i>Inorganic Chemistry</i> , 1999, 38, 115-124.	1.9	66
72	Synthesis and reactivity of bis(imido) uranium(vi) cyclopentadienyl complexes. <i>Chemical Communications</i> , 2008, 4986.	2.2	66

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73	Reactions of H <sub>2</sub> , silanes, and olefins with superelectrophilic cationic rhenium complexes: heterolytic cleavage of H <sub>2</sub> and relation to the structure and function of hydrogenases. <i>Inorganica Chimica Acta</i> , 1999, 294, 240-254.	1.2	64
74	Uranium(III)/(IV) Nitrile Adducts Including UI <sub>4</sub> (Nâ€³CPh) <sub>4</sub> , a Synthetically Useful Uranium(IV) Complex. <i>Inorganic Chemistry</i> , 2005, 44, 7403-7413.	1.9	64
75	H <sub>2</sub> binding to and silane alcoholysis on an electrophilic Mn(I) fragment with tied-back phosphite ligands. X-ray structure of a Mnâ€³CH <sub>2</sub> Cl <sub>2</sub> complex. <i>Journal of Organometallic Chemistry</i> , 2000, 609, 95-103.	0.8	63
76	The Role of Alkali Metal Cations in MMA Polymerization Initiated by Neutral and Anionic Allyl Lanthanide Complexes. <i>Organometallics</i> , 2005, 24, 3685-3691.	1.1	63
77	U(IV) Chalcogenolates Synthesized via Oxidation of Uranium Metal by Dichalcogenides. <i>Inorganic Chemistry</i> , 2006, 45, 7401-7407.	1.9	63
78	A Mild Protocol To Generate Uranium(IV) Mixed-Ligand Metallocene Complexes using Copper(I) Iodide. <i>Organometallics</i> , 2008, 27, 5371-5378.	1.1	63
79	Plutonium(iv) complexation by diglycolamide ligandsâ€³ coordination chemistry insight into TODGA-based actinide separations. <i>Chemical Communications</i> , 2012, 48, 9732.	2.2	63
80	Ammoniacal Synthesis of Lanthanum Aryloxide Complexes and Observation of a Unique Interconversion between Oxygen- and .eta.-Arene-Bridged Dimeric Species. X-ray Crystal Structures of La <sub>2</sub> (OAr) <sub>6</sub> (NH <sub>3</sub> ) <sub>n</sub> (n = 0, 2), La(OAr) <sub>3</sub> (NH <sub>3</sub> ) <sub>4</sub> , and La(OAr) <sub>3</sub> (THF) <sub>2</sub> (Ar = 2,6-i-Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). <i>Inorganic Chemistry</i> , 1995, 34, 5468-5476.	1.9	62
81	Synthesis and Characterization of (Mono)pentamethylcyclopentadienyl Lutetium Complexes:Â Formation of Bipyridyl-Stabilized Alkyls, Anilides, and Terminal Acetylides. <i>Organometallics</i> , 2004, 23, 2995-3002.	1.1	62
82	Dearomatization and Functionalization of Terpyridine by Lutetium(III) Alkyl Complexes. <i>Journal of the American Chemical Society</i> , 2006, 128, 6322-6323.	6.6	62
83	Actinide Redox-Active Ligand Complexes: Reversible Intramolecular Electron-Transfer in U(dpp-BIAN) <sub>2</sub> /U(dpp-BIAN) <sub>2</sub> (THF). <i>Inorganic Chemistry</i> , 2010, 49, 924-933.	1.9	62
84	Alkali Metal Induced Structural Changes in Complexes Containing Anionic Lanthanum Aryloxide Moieties. X-ray Crystal Structures of (THF)La(OAr) <sub>2</sub> (1/4-OAr) <sub>2</sub> Li(THF), (THF)La(OAr) <sub>2</sub> (1/4-OAr) <sub>2</sub> Na(THF) <sub>2</sub> , and CsLa(OAr) <sub>4</sub> (Ar = 2,6-i-Pr <sub>2</sub> C <sub>6</sub> H <sub>3</sub> ). <i>Inorganic Chemistry</i> , 1996, 35, 667-674.	1.9	61
85	Synthesis and structural characterization of uranium ansa-metallocene complexes containing organoimido functional groups; electronic effects of ancillary ligands. <i>Journal of Organometallic Chemistry</i> , 1999, 591, 14-23.	0.8	61
86	Câ€³H and Siâ€³H Activation on Palladium(II) and Platinum(II) Complexes with a New Methoxyalkyl-Substituted Diimine Ligand. <i>Organometallics</i> , 2000, 19, 4193-4195.	1.1	61
87	Unusual alkyl group activation and cationic complex formation from a novel lutetium dialkyl complex supported by a tridentate monoanionic ligand Electronic supplementary information (ESI) available: details of the synthesis of 2 and 3 and the hydrolysis of 3. See <a href="http://www.rsc.org/suppdata/cc/b3/b306889g/">http://www.rsc.org/suppdata/cc/b3/b306889g/</a> . <i>Chemical Communications</i> , 2003, 2282.	2.2	61
88	4fâ€³5f Heterotrimetallic Complexes Exhibiting Electrochemical and Magnetic Communication. <i>Journal of the American Chemical Society</i> , 2006, 128, 2198-2199.	6.6	61
89	Synthesis and Structure of (Ph <sub>4</sub> ) <sub>2</sub> MCl <sub>6</sub> (M = Ti, Zr, Hf, Th, U, Np.) <i>J. ETQq</i> 1, 1.0.784314 rgBT	1.9	61
90	Crystal Structure, Packing Analysis, and Structural-Sensitivity Correlations of Erythritol Tetranitrate. <i>Crystal Growth and Design</i> , 2014, 14, 6154-6160.	1.4	61

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91	First example of C bond cleavage in the BARf (B[C6H3(CF3)2-3,5]4) anion mediated by a transition metal species, trans-[(Ph3P)2Pt(Me)(OEt2)]+. <i>Chemical Communications</i> , 1999, , 1807-1808.	2.2	60
92	Ni(bpy)(cod): A Convenient Entryway into the Efficient Hydroboration of Ketones, Aldehydes, and Imines. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 1635-1640.	1.0	60
93	Identification of the Limiting Species in the Plutonium(IV) Carbonate System. Solid State and Solution Molecular Structure of the [Pu(CO3)5]6-Ion. <i>Inorganic Chemistry</i> , 1998, 37, 2893-2899.	1.9	59
94	[(C5Me5)2U(Me)(OTf)]2: A New Reagent for Uranium Metallocene Chemistry. Preparation of the First Actinide Hydrazonato Complexes. <i>Organometallics</i> , 2002, 21, 4306-4308.	1.1	58
95	Optical band gap of NpO2 and PuO2 from optical absorbance of epitaxial films. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	58
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