

# 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	Patterns of opioid use after endoscopic sinus surgery among patients with anxiety and depression. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 788-790.	1.5	1
2	Pain and Opioid Consumption Following Endoscopic Sinus Surgery: A Prospective Cohort Study. <i>Laryngoscope</i> , 2022, 132, 2096-2102.	1.1	2
3	2.2.2-Cryptand complexes of neptunium(III) and plutonium(III). <i>Chemical Communications</i> , 2022, 58, 997-1000.	2.2	8
4	Synthesis, characterization, X-ray and electronic structures of diethyl ether and 1,2-dimethoxyethane adducts of molybdenum(IV) chloride and tungsten(IV) chloride. <i>Dalton Transactions</i> , 2022, 51, 7856-7863.	1.6	4
5	Carbene Complexes of Neptunium. <i>Journal of the American Chemical Society</i> , 2022, 144, 9764-9774.	6.6	7
6	Low-spin 1,1'-diphosmetalocenates of chromium and iron. <i>Chemical Communications</i> , 2021, 57, 595-598.	2.2	10
7	Expanding the Nonaqueous Chemistry of Neptunium: Synthesis and Structural Characterization of [Np(NR <sub>2</sub> ) <sub>3</sub> Cl], [Np(NR <sub>2</sub> ) <sub>3</sub> Cl] <sup>+</sup> , and [Np( <i>i</i> -N(R)SiMe <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> (NR <sub>2</sub> ) <sub>2</sub> ] <sup>+</sup> (R = SiMe <sub>3</sub> ). <i>Inorganic Chemistry</i> , 2021, 60, 2740-2748.	1.9	11
8	Autologous Fat Grafting in Facial Cosmetic Surgery: A National Survey. <i>Facial Plastic Surgery</i> , 2021, 37, 136-138.	0.5	0
9	Abstrakt: Structural and Spectroscopic Comparison of Soft vs. Hard Donor Bonding in Trivalent Americium/Neodymium Molecules ( <i>Angew. Chem.</i> 17/2021). <i>Angewandte Chemie</i> , 2021, 133, 9812-9812.	1.6	0
10	Structural and Spectroscopic Comparison of Soft vs. Hard Donor Bonding in Trivalent Americium/Neodymium Molecules. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9459-9466.	7.2	23
11	Structural and Spectroscopic Comparison of Soft vs. Hard Donor Bonding in Trivalent Americium/Neodymium Molecules. <i>Angewandte Chemie</i> , 2021, 133, 9545-9552.	1.6	4
12	MoCl <sub>3</sub> (dme)-Revisited: Improved Synthesis, Characterization, and X-ray and Electronic Structures. <i>Inorganic Chemistry</i> , 2021, 60, 12218-12225.	1.9	4
13	Complexation and redox chemistry of neptunium, plutonium and americium with a hydroxylamino ligand. <i>Chemical Science</i> , 2021, 12, 13343-13359.	3.7	13
14	Isolation and characterization of a californium metallocene. <i>Nature</i> , 2021, 599, 421-424.	13.7	25
15	[An <sub>3</sub> (THF) <sub>4</sub> ] (An = Np, Pu) Preparation Bypassing An <sup>0</sup> Metal Precursors: Access to Np <sup>3+</sup> /Pu <sup>3+</sup> Nonaqueous and Organometallic Complexes. <i>Journal of the American Chemical Society</i> , 2021, 143, 20680-20696.	6.6	14
16	Repair of gauged earlobes: Case series and review of two techniques according to size. <i>Journal of Cutaneous and Aesthetic Surgery</i> , 2021, 14, 351.	0.2	0
17	Case Report of Delayed Auricular Reconstruction Using a Porous Polyethylene Implant for an Advanced Skin Cancer. <i>Ear, Nose and Throat Journal</i> , 2020, , 014556132095050.	0.4	0
18	Engineering Catalysts for Selective Ester Hydrogenation. <i>Organic Process Research and Development</i> , 2020, 24, 415-442.	1.3	30

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19	Lanthanide Complexes of Bis(tetrazolato)amine: A Route to Lanthanide Nitride Foams. <i>Inorganic Chemistry</i> , 2020, 59, 16109-16116.	1.9	5
20	Actinide 2-metallabiphenylenes that satisfy Hückel's rule. <i>Nature</i> , 2020, 578, 563-567.	13.7	43
21	Rücktitelbild: [Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex ( <i>Angew. Chem.</i> 34/2019). <i>Angewandte Chemie</i> , 2019, 131, 12050-12050.	1.6	0
22	Laryngomalacia and Swallow Dysfunction. <i>Ear, Nose and Throat Journal</i> , 2019, 98, 613-616.	0.4	11
23	[Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11695-11699.	7.2	29
24	[Am(C <sub>5</sub> Me <sub>4</sub> H) <sub>3</sub> ]: An Organometallic Americium Complex. <i>Angewandte Chemie</i> , 2019, 131, 11821-11825.	1.6	16
25	Oxidation of uranium(IV) mixed imido-amido complexes with PhEPh and to generate uranium(VI) bis(imido) dichalcogenolates, U(NR) <sub>2</sub> (EPh) <sub>2</sub> (L) <sub>2</sub> . <i>Dalton Transactions</i> , 2019, 48, 10865-10873.	1.6	9
26	Encapsulated Sinonasal Schwannoma. <i>Ear, Nose and Throat Journal</i> , 2019, 98, 205-206.	0.4	1
27	Synthesis of Actinide Fluoride Complexes Using Trimethyltin Fluoride as a Mild and Selective Fluorinating Reagent. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1245-1245.	1.0	0
28	Synthesis of Actinide Fluoride Complexes Using Trimethyltin Fluoride as a Mild and Selective Fluorinating Reagent. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1247-1253.	1.0	16
29	A series of dithiocarbamates for americium, curium, and californium. <i>Dalton Transactions</i> , 2018, 47, 14452-14461.	1.6	49
30	The multidisciplinary tumor board for the management of cutaneous neoplasms: A national survey of academic medical centers. <i>Journal of the American Academy of Dermatology</i> , 2018, 78, 1216-1218.e3.	0.6	3
31	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> } <sup>+</sup> . <i>Journal of the American Chemical Society</i> , 2018, 140, 7425-7428.	6.6	81
32	Cs[Tf <sub>2</sub> N]: a second polymorph with a layered structure. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 551-554.	0.2	1
33	Morphology of U <sub>3</sub> O <sub>8</sub> materials following storage under controlled conditions of temperature and relative humidity. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 35-42.	0.7	20
34	Development of Basal Cell Carcinoma With Squamous Differentiation During Vismodegib Treatment. <i>Dermatologic Surgery</i> , 2017, 43, 989-991.	0.4	10
35	Endocrine Mucin-Producing Sweat Gland Carcinoma Treated With Mohs Micrographic Surgery. <i>Dermatologic Surgery</i> , 2017, 43, 1498-1500.	0.4	9
36	Multiple Unilateral Skull Base Defects in a Child With Conductive Hearing Loss. <i>Otology and Neurotology</i> , 2017, 38, e209-e210.	0.7	0

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37	Covalency in Americium(III) Hexachloride. <i>Journal of the American Chemical Society</i> , 2017, 139, 8667-8677.	6.6	89
38	Why Does Alkylation of the Nâ€“H Functionality within M/NH Bifunctional Noyori-Type Catalysts Lead to Turnover?. <i>Journal of the American Chemical Society</i> , 2017, 139, 1245-1260.	6.6	107
39	Expanding the Chemistry of Actinide Metallocene Bromides. Synthesis, Properties and Molecular Structures of the Tetravalent and Trivalent Uranium Bromide Complexes: (C5Me4R)2UBr2, (C5Me4R)2U(O-2,6-iPr2C6H3)(Br), and [K(THF)][(C5Me4R)2UBr2] (R = Me, Et). <i>Inorganics</i> , 2016, 4, 1.	1.2	10
40	Integration of Dermatology-Focused Physical Diagnosis Rounds and Case-Based Learning within the Internal Medicine Medical Student Clerkship. <i>Journal of Medical Education and Curricular Development</i> , 2016, 3, JMECD.S40417.	0.7	4
41	New Twists and Turns for Actinide Chemistry: Organometallic Infinite Coordination Polymers of Thorium Diazide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3631-3636.	7.2	15
42	Comparing the 2,2â€“Biphenylenedithiophosphate Binding of Americium with Neodymium and Europium. <i>Angewandte Chemie</i> , 2016, 128, 12947-12951.	1.6	15
43	Synthesis and reactivity of cis-FeH2(dcpe)2 (dcpe = 1,2-bis(dicyclohexylphosphino)ethane). <i>Inorganic Chemistry Communication</i> , 2016, 63, 57-60.	1.8	4
44	A Tertiary Carbonâ€“Iron Bond as an Fe<sup>I</sup>Cl Synthone and the Reductive Alkylation of Diphosphine-Supported Iron(II) Chloride Complexes to Low-Valent Iron. <i>Organometallics</i> , 2016, 35, 1643-1651.	1.1	10
45	Comparison of morphologies of a uranyl peroxide precursor and calcination products. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 309, 827-832.	0.7	24
46	Synthesis and characterization of potassium aryl- and alkyl-substituted silylchalcogenolate ligands. <i>Dalton Transactions</i> , 2016, 45, 9841-9852.	1.6	4
47	Synthesis, Characterization, and Density Functional Theory Analysis of Uranium and Thorium Complexes Containing Nitrogen-Rich 5-Methyltetrazolate Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 4941-4950.	1.9	32
48	Nuclear Magnetic Resonance Measurements and Electronic Structure of Pu(IV) in [(Me)<sub>4</sub>N]<sub>2</sub>PuCl<sub>6</sub>. <i>Inorganic Chemistry</i> , 2016, 55, 8371-8380.	1.9	20
49	Comparing the 2,2â€“Biphenylenedithiophosphate Binding of Americium with Neodymium and Europium. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12755-12759.	7.2	38
50	Reversible Formation of a Cerium-Bound Terminal Hydride: Ce(C5 Me4 SiMe3 )2 (H)(thf). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4551-4556.	1.0	11
51	Partially disordered antiferromagnetism and multiferroic behavior in a frustrated Ising system $\text{SCoCl}_2\text{NH}_2$ <i>Physical Review B</i> , 2016, 93, ...		
52	An Energetic Triazolo[1,2,4-t]triazine and its Nâ€“Oxide. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15315-15318.	7.2	166
53	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
54	Tuning the Oxidation State, Nuclearity, and Chemistry of Uranium Hydrides with Phenylsilane and Temperature: The Case of the Classic Uranium(III) Hydride Complex [(C<sub>5</sub>Me<sub>5</sub>)<sub>2</sub>U(Î¼<sup>4</sup>-H)]<sub>2</sub>. <i>Organometallics</i> , 2016, 35, 617-620.	1.1	44

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55	First-row transition metal complexes of ENENES ligands: the ability of the thioether donor to impact the coordination chemistry. Dalton Transactions, 2016, 45, 1560-1571.	1.6	8
56	Neptunium and plutonium complexes with a sterically encumbered triamidoamine (TREN) scaffold. Chemical Communications, 2016, 52, 5428-5431.	2.2	26
57	Crystal structure of a mononuclear Ru <sup>II</sup> complex with a back-to-back terpyridine ligand: [RuCl(bpy)(tpy)(tpy)] <sup>+</sup> . Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1017-1021.	0.2	2
58	A Linear <i>trans</i> -Bis(imido) Neptunium(V) Actinyl Analog: Np <sup>V</sup> (NDipp) <sub>2</sub> ( <i>trans</i> -t-Bu <sub>2</sub> bipy) <sub>2</sub> Cl (Dipp = 2,6-diisopropylphenyl). Journal of the American Chemical Society, 2015, 137, 9583-9586.	6.6	33
59	Covalency in Lanthanides. An X-ray Absorption Spectroscopy and Density Functional Theory Study of LnCl <sub>6</sub> <sup>3-</sup> (x = 3, 2). Journal of the American Chemical Society, 2015, 137, 2506-2523.	6.6	182
60	Independent Control of Optical and Explosive Properties: Pyrazole-Tetrazine Complexes of First Row Transition Metals. Inorganic Chemistry, 2015, 54, 8077-8086.	1.9	21
61	Syntheses and Reactivity Studies of Square-Planar Diamido-Pyridine Complexes Based on Earth-Abundant First-Row Transition Elements. Inorganic Chemistry, 2015, 54, 6885-6890.	1.9	10
62	Morphologic and chemical characterization of products from hydrolysis of UF <sub>6</sub> . Journal of Fluorine Chemistry, 2015, 178, 107-114.	0.9	12
63	Air-Stable NNS (ENENES) Ligands and Their Well-Defined Ruthenium and Iridium Complexes for Molecular Catalysis. Organometallics, 2015, 34, 4464-4479.	1.1	44
64	Lanthanide(III) Di- and Tetra-Nuclear Complexes Supported by a Chelating Tripodal Tris(Amidate) Ligand. Inorganic Chemistry, 2015, 54, 4064-4075.	1.9	8
65	Oxidation and Hydration of U <sub>3</sub> O <sub>8</sub> Materials Following Controlled Exposure to Temperature and Humidity. Analytical Chemistry, 2015, 87, 4210-4217.	3.2	33
66	Unexpected Actinyl Cation-Directed Structural Variation in Neptunyl(VI) A-Type Tri-lacunary Heteropolyoxotungstate Complexes. Inorganic Chemistry, 2015, 54, 4192-4199.	1.9	14
67	Coordination chemistry of 2,2'-biphenylenedithiophosphinate and diphenyldithiophosphinate with U, Np, and Pu. Dalton Transactions, 2015, 44, 18923-18936.	1.6	31
68	Syntheses, structures, and <sup>1</sup> H, <sup>13</sup> C{ <sup>1</sup> H} and <sup>119</sup> Sn{ <sup>1</sup> H} NMR chemical shifts of a family of trimethyltin alkoxide, amide, halide and cyclopentadienyl compounds. Dalton Transactions, 2015, 44, 16156-16163.	1.6	8
69	Early-Lanthanide(III) Acetonitrile-Solvent Adducts with Iodide and Noncoordinating Anions. Inorganic Chemistry, 2015, 54, 11958-11968.	1.9	12
70	Reduction of CO <sub>2</sub> to methanol using aluminum ester FLPs. Inorganic Chemistry Communication, 2015, 61, 207-209.	1.8	7
71	Crystal structure of 4,5-dinitro-1H-imidazole. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o634-o634.	0.2	1
72	Crystal structure of 2-azido-1H-imidazole-4,5-dicarbonitrile. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o633-o633.	0.2	2

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73	Using solution- and solid-state S K-edge X-ray absorption spectroscopy with density functional theory to evaluate M <sup>IV</sup> S bonding for MS <sub>4</sub> <sup>2-</sup> (M = Cr, Mo, W) dianions. Dalton Transactions, 2014, 43, 17283-17295.	1.6	15
74	A Rare Tetranuclear Thorium(IV) $\mu_4$ -Oxo Cluster and Dinuclear Thorium(IV) Complex Assembled by Carbonate-Oxygen Bond Activation of 1,2-Dimethoxyethane (DME). Chemistry - A European Journal, 2014, 20, 16846-16852.	1.7	16
75	A New Spin on Cyclooctatetraene (COT) Redox Activity: Low-Spin Iron(I) Complexes That Exhibit Antiferromagnetic Coupling to a Singly Reduced $\mu_4$ -COT Ligand. Organometallics, 2014, 33, 7101-7112.	1.1	11
76	Enhancing the synthetic efficacy of thorium tetrachloride bis(1,2-dimethoxyethane) with added 1,2-dimethoxyethane: Preparation of metallocene thorium dichlorides. Inorganic Chemistry Communication, 2014, 46, 51-53.	1.8	7
77	High quality epitaxial thin films of actinide oxides, carbides, and nitrides: Advancing understanding of electronic structure of f-element materials. Coordination Chemistry Reviews, 2014, 266-267, 137-154.	9.5	45
78	Nitrile-Supported Coordination Polymers of Cerium(III) Bromide. European Journal of Inorganic Chemistry, 2014, 2014, 2213-2218.	1.0	8
79	Comparison of structural variations of Ln(III) compounds with (pyrazol-1-yl)acetic acid. Polyhedron, 2014, 68, 80-86.	1.0	0
80	Crystal Structure, Packing Analysis, and Structural-Sensitivity Correlations of Erythritol Tetranitrate. Crystal Growth and Design, 2014, 14, 6154-6160.	1.4	61
81	Synthesis and characterization of NpCl <sub>4</sub> (DME) <sub>2</sub> and PuCl <sub>4</sub> (DME) <sub>2</sub> neutral transuranic An( <sup>iv</sup> ) starting materials. Dalton Transactions, 2014, 43, 1498-1501.	1.6	40
82	[2 + 2] cycloaddition reactions at terminal imido uranium(IV) complexes to yield isolable cycloadducts. Inorganica Chimica Acta, 2014, 422, 78-85.	1.2	14
83	Preparation and Reactivity of the Versatile Uranium(IV) Imido Complexes U(NAr)Cl <sub>2</sub> (R <sub>2</sub> bpy) <sub>2</sub> (R = Me, <sup>t</sup> Bu) and U(NAr)Cl <sub>2</sub> (tppo) <sub>3</sub> . Inorganic Chemistry, 2014, 53, 9818-9826.	1.9	31
84	The coordination chemistry of trivalent lanthanides (Ce, Nd, Sm, Eu, Gd, Dy, Yb) with diphenyldithiophosphate anions. Polyhedron, 2014, 67, 540-548.	1.0	15
85	Electronic structure and O K-edge XAS spectroscopy of U <sub>3</sub> O <sub>8</sub> . Journal of Electron Spectroscopy and Related Phenomena, 2014, 194, 81-87.	0.8	26
86	Synthesis, characterization and structural comparisons of phosphonium and arsenic dithiocarbamates with alkyl and phenyl substituents. Polyhedron, 2014, 75, 110-117.	1.0	7
87	Chemical Speciation of Neptunium(VI) under Strongly Alkaline Conditions. Structure, Composition, and Oxo Ligand Exchange. Inorganic Chemistry, 2013, 52, 3547-3555.	1.9	26
88	<sup>125</sup> Technetium Dichloride: Solid-State Modulated Structure, Electronic Structure, and Physical Properties. Journal of the American Chemical Society, 2013, 135, 15955-15962.	6.6	10
89	Optical band gap of NpO <sub>2</sub> and PuO <sub>2</sub> from optical absorbance of epitaxial films. Journal of Applied Physics, 2013, 113, .	1.1	58
90	Directed nucleation of monomeric and dimeric uranium(vi) complexes with a room temperature carboxyl-functionalized phosphonium ionic liquid. Chemical Communications, 2013, 49, 1903.	2.2	22

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91	Thorium(IV) and Uranium(IV) Halide Complexes Supported by Bulky $\beta^2$ -Diketiminato Ligands. <i>Organometallics</i> , 2013, 32, 1423-1434.	1.1	30
92	Metallopolymer formation using the (1R,2R)-N,N'-bis(pyridylmethylene)cyclohexane-1,2-diamine (BPID) ligand class. <i>Dalton Transactions</i> , 2013, 42, 4768.	1.6	1
93	Solid-State and Solution-State Coordination Chemistry of Lanthanide(III) Complexes with (Pyrazol-1-yl)acetic Acid. <i>Inorganic Chemistry</i> , 2013, 52, 3217-3224.	1.9	10
94	Synthesis and characterization of a tetrathiafulvalene-salphen actinide complex. <i>Dalton Transactions</i> , 2013, 42, 6716.	1.6	16
95	Tetrahalide Complexes of the $[U(NR_2)_2]^{2+}$ 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
96	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
97	Preparation of Epitaxial Uranium Dicarbide Thin Films by Polymer-Assisted Deposition. <i>Chemistry of Materials</i> , 2013, 25, 4373-4377.	3.2	15
98	Uncovering f-element bonding differences and electronic structure in a series of $1\lambda^3$ and $1\lambda^4$ complexes with a diselenophosphinate ligand. <i>Chemical Science</i> , 2013, 4, 1189.	3.7	146
99	Switchable Phase Behavior of $[HBet][Tf_2N]_2H_2O$ upon Neodymium Loading: Implications for Lanthanide Separations. <i>Inorganic Chemistry</i> , 2013, 52, 549-551.	1.9	37
100	Effect of spin-orbit coupling on the actinide dioxides $AnO_2$ ( $An=Th, Pa, U, Np, Pu, \text{ and } Am$ ): A screened hybrid density functional study. <i>Journal of Chemical Physics</i> , 2012, 137, 154707.	1.2	108
101	Aerobic Oxidation Reactions Catalyzed by Vanadium Complexes of Bis(Phenolate) Ligands. <i>Inorganic Chemistry</i> , 2012, 51, 7354-7361.	1.9	107
102	Solid-State and Solution-State Coordination Chemistry of Lanthanide(III) Complexes with $\beta^2$ -Hydroxyisobutyric Acid. <i>Inorganic Chemistry</i> , 2012, 51, 13254-13263.	1.9	17
103	Mild and Homogeneous Cobalt-Catalyzed Hydrogenation of $Ci\frac{3}{4}C$ , $Ci\frac{3}{4}O$ , and $Ci\frac{3}{4}N$ Bonds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12102-12106.	7.2	307
104	Thorium-mediated ring-opening of tetrahydrofuran and the development of a new thorium starting material: preparation and chemistry of $ThI_4(DME)_2$ . <i>Dalton Transactions</i> , 2012, 41, 14514.	1.6	32
105	$[N(i\text{-Bu})_4]_2[Pu(NO_3)_6]$ and $[N(i\text{-Bu})_4]_2[PuCl_6]$ : Starting Materials To Facilitate Nonaqueous Plutonium(IV) Chemistry. <i>Inorganic Chemistry</i> , 2012, 51, 9165-9167.	1.9	36
106	Bonding Trends Traversing the Tetravalent Actinide Series: Synthesis, Structural, and Computational Analysis of $An^{IV}(Ar^4acnac)_4$ Complexes ( $An = Th, U, Np, Pu$ ); $Tj$ ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.9	76
107	8557-8566. Plutonium(IV) complexation by diglycolamide ligands: coordination chemistry insight into TODGA-based actinide separations. <i>Chemical Communications</i> , 2012, 48, 9732.	2.2	63
108	Bose glass and Mott glass of quasiparticles in a doped quantum magnet. <i>Nature</i> , 2012, 489, 379-384.	13.7	111



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109	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
110	Titanium(IV) Trifluoromethyl Complexes: New Perspectives on Bonding from Organometallic Fluorocarbon Chemistry. <i>Organometallics</i> , 2012, 31, 1484-1499.	1.1	37
111	Synthesis and Coordination Chemistry of Phosphine Oxide Decorated Dibenzofuran Platforms. <i>Inorganic Chemistry</i> , 2012, 51, 6667-6681.	1.9	25
112	Iron Complex-Catalyzed Ammonia-Borane Dehydrogenation. A Potential Route toward N-Containing Polymer Motifs Using Earth-Abundant Metal Catalysts. <i>Journal of the American Chemical Society</i> , 2012, 134, 5598-5609.	6.6	195
113	Synthesis and Structure of $(\text{Ph})_4\text{P}_2\text{MCl}_6$ (M = Ti, Zr, Hf, Th, U, Np, Pu) $\text{EtO}q_1$ $1.0784314$ $rgBT$	1.9	61
114	Ionic liquid mediated routes to polydentate oxygen-donor adducts of cerium(III) bromide. <i>Dalton Transactions</i> , 2012, 41, 1924-1927.	1.6	6
115	Main-group element compounds derived from the (1R,2R)-N,N'-bis(2-pyridylmethylene)cyclohexane-1,2-diamine (BPID) ligand. <i>Main Group Chemistry</i> , 2012, 11, 45-52.	0.4	6
116	$[\text{Ni}(\text{HF})_2(3\text{-Clpy})_4]\text{BF}_4$ (py = pyridine): Evidence for Spin Exchange Along Strongly Distorted $\text{F}_4\text{A}\cdot\text{A}\cdot\text{H}\cdot\text{A}\cdot\text{F}$ Bridges in a One-Dimensional Polymeric Chain. <i>Inorganic Chemistry</i> , 2012, 51, 7520-7528.	1.9	19
117	NMR spectroscopy and structural characterization of dithiophosphinate ligands relevant to minor actinide extraction processes. <i>Dalton Transactions</i> , 2012, 41, 2163-2175.	1.6	26
118	A Direct Route to Bis(imido)uranium(V) Halides via Metathesis of Uranium Tetrachloride. <i>Journal of the American Chemical Society</i> , 2012, 134, 9876-9878.	6.6	50
119	Probing $[\text{S}_2\text{PR}_2]_2$ Electronic Structure to Generate Insight Relevant to Minor Actinide Extraction Chemistry. <i>Inorganic Chemistry</i> , 2012, 51, 7551-7560.	1.9	16
120	Isolation of an Asymmetric Lanthanide Polyoxometalate, $\text{Na}_{12}\text{H}[(\text{W}_5\text{O}_{18})\text{Tb}(\text{H}_2\text{W}_{11}\text{O}_{39})] \cdot 42\text{H}_2\text{O}$ , Containing Two Distinct Isopolyanions. <i>Journal of Chemical Crystallography</i> , 2012, 42, 651-655.	0.5	3
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