Skye Fortier

List of Publications by Year in descending order

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51 papers	2,380 citations	201674 27 h-index	206112 48 g-index
64 all docs	64 docs citations	64 times ranked	1897 citing authors

#	Article	IF	Citations
1	Oxo ligand functionalization in the uranyl ion (UO22+). Coordination Chemistry Reviews, 2010, 254, 197-214.	18.8	282
2	Synthesis of a Nitrido-Substituted Analogue of the Uranyl Ion, [Nâ•Uâ•O]⁺. Journal of the American Chemical Society, 2010, 132, 6888-6889.	13.7	126
3	A Dinuclear Cobalt Complex Featuring Unprecedented Anodic and Cathodic Redox Switches for Single-Molecule Magnet Activity. Journal of the American Chemical Society, 2013, 135, 14670-14678.	13.7	121
4	Synthesis, Molecular and Electronic Structure of U^V(O)[N(SiMe₃)₂]₃. Inorganic Chemistry, 2012, 51, 1625-1633.	4.0	109
5	A Complete Family of Terminal Uranium Chalcogenides, [U(E)(N{SiMe₃}₂)₃]^{â^'} (E = O, S, Se, Te). Journal of the American Chemical Society, 2012, 134, 15468-15475.	13.7	105
6	Synthesis of a Phosphorano-Stabilized U(IV)-Carbene via One-Electron Oxidation of a U(III)-Ylide Adduct. Journal of the American Chemical Society, 2011, 133, 6894-6897.	13.7	100
7	Probing the Reactivity and Electronic Structure of a Uranium(V) Terminal Oxo Complex. Journal of the American Chemical Society, 2011, 133, 14224-14227.	13.7	96
8	Quantifying the Ïƒ and Ï€ Interactions between U(V) f Orbitals and Halide, Alkyl, Alkoxide, Amide and Ketimide Ligands. Journal of the American Chemical Society, 2013, 135, 10742-10754.	13.7	91
9	High-Valent Uranium Alkyls: Evidence for the Formation of U^{VI}(CH₂SiMe₃)₆. Journal of the American Chemical Society, 2011, 133, 11732-11743.	13.7	87
10	Homoleptic Uranium(IV) Alkyl Complexes: Synthesis and Characterization. Journal of the American Chemical Society, 2009, 131, 15512-15521.	13.7	83
11	Synthesis and Spectroscopic and Computational Characterization of the Chalcogenido-Substituted Analogues of the Uranyl Ion, [OUE]²⁺ (E = S, Se). Journal of the American Chemical Society, 2013, 135, 5352-5355.	13.7	81
12	A cisâ€Divacant Octahedral and Mononuclear Iron(IV) Imide. Angewandte Chemie - International Edition, 2014, 53, 14139-14143.	13.8	74
13	Single crystal structures and theoretical calculations of uranium endohedral metallofullerenes (U@C_{2n}, 2n = 74, 82) show cage isomer dependent oxidation states for U. Chemical Science, 2017, 8, 5282-5290.	7.4	71
14	A Rare Uranyl(VI)â€“Alkyl Ate Complex [Li(DME)_{1.5}]₂[UO₂(CH₂SiMe₃)₄] and Its Comparison with a Homoleptic Uranium(VI)â€“Hexaalkyl. Angewandte Chemie - International Edition, 2013, 52, 3259-3263.	13.8	67
15	A diuranium carbide cluster stabilized inside a C80 fullerene cage. Nature Communications, 2018, 9, 2753.	12.8	63
16	An N-Tethered Uranium(III) Arene Complex and the Synthesis of an Unsupported Uâ€“Fe Bond. Organometallics, 2017, 36, 4591-4599.	2.3	50
17	U(iv) and U(v) azide complexes supported by amide or aryloxide ligands. Dalton Transactions, 2010, 39, 352-354.	3.3	48
18	Comparison of the Redox Chemistry of Primary and Secondary Amides of U(IV): Isolation of a U(VI) Bis(imido) Complex or a Homoleptic U(VI) Amido Complex. Inorganic Chemistry, 2011, 50, 636-646.	4.0	48

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19	Synthesis and Characterization of Three Homoleptic Alkoxides of Uranium: [Li(THF)]₂[U^{IV}(O^tBu)₆], [Li(Et₂O)][U^V(O^tBu)₆], and U^{VI}(O^tBu)₆. Inorganic Chemistry, 2008, 47, 4752-4761.	4.0	43
20	Cyclo-P₃ Complexes of Vanadium: Redox Properties and Origin of the ³¹P NMR Chemical Shift. Journal of the American Chemical Society, 2015, 137, 15247-15261.	13.7	41
21	A Terminal Iron(IV) Nitride Supported by a Super Bulky Guanidinate Ligand and Examination of Its Electronic Structure and Reactivity. Journal of the American Chemical Society, 2017, 139, 15691-15700.	13.7	38
22	Synthesis of a â€œSuper Bulkyâ€•Guanidinate Possessing an Expandable Coordination Pocket. Inorganic Chemistry, 2014, 53, 8155-8164.	4.0	36
23	C(sp³)â^'H Oxidative Addition and Transfer Hydrogenation Chemistry of a Titanium(II) Synthon: Mimicry of Lateâ€Metal Type Reactivity. Angewandte Chemie - International Edition, 2016, 55, 14101-14105.	13.8	35
24	Electronic Structure and Reactivity of a Well-Defined Mononuclear Complex of Ti(II). Inorganic Chemistry, 2015, 54, 10380-10397.	4.0	34
25	Intra- and intermolecular interception of a photochemically generated terminal uranium nitride. Chemical Science, 2020, 11, 2381-2387.	7.4	34
26	Isolation of gravimetrically quantifiable alkali metal arenides using 18-crown-6. New Journal of Chemistry, 2016, 40, 1923-1926.	2.8	33
27	Synthesis and Redox Chemistry of High-Valent Uranium Aryloxides. Inorganic Chemistry, 2009, 48, 3000-3011.	4.0	28
28	C(sp³)â^'H Oxidative Addition and Transfer Hydrogenation Chemistry of a Titanium(II) Synthon: Mimicry of Lateâ€Metal Type Reactivity. Angewandte Chemie, 2016, 128, 14307-14311.	2.0	26
29	Probing the redox non-innocence of dinuclear, three-coordinate Co(ii) nindigo complexes: not simply Î²-diketiminate variants. Chemical Communications, 2012, 48, 11082.	4.1	25
30	[U(bipy)₄]: A Mistaken Case of U⁰?. Chemistry - A European Journal, 2016, 22, 1931-1936.	3.3	25
31	Unusual Dinitrogen Binding and Electron Storage in Dinuclear Iron Complexes. Journal of the American Chemical Society, 2020, 142, 8147-8159.	13.7	24
32	Redox Character and Small Molecule Reactivity of a Masked Titanium(II) Synthon. Organometallics, 2020, 39, 295-311.	2.3	23
33	Donor Properties of a New Class of Guanidinate Ligands Possessing Ketimine Backbones: A Comparative Study Using Iron. Inorganic Chemistry, 2015, 54, 10030-10041.	4.0	19
34	Chemical Control of Spinâ€Orbit Coupling and Charge Transfer in Vacancyâ€Ordered Ruthenium(IV) Halide Perovskites. Angewandte Chemie - International Edition, 2021, 60, 5184-5188.	13.8	18
35	Redox chemistry of discrete low-valent titanium complexes and low-valent titanium synthons. Chemical Communications, 2021, 57, 10292-10316.	4.1	15
36	Titaniumâ€Mediated Catalytic Hydrogenation of Monocyclic and Polycyclic Arenes. Chemistry - A European Journal, 2020, 26, 2803-2807.	3.3	14

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37	Werner-Type Complexes of Uranium(III) and (IV). Inorganic Chemistry, 2020, 59, 2443-2449.	4.0	14
38	Understanding the competitive dehydroalkoxylation and dehydrogenation of ethers with Tiâ€“C multiple bonds. Chemical Science, 2013, 4, 2543.	7.4	13
39	Relaxation dynamics in see-saw shaped Dy(iii) single-molecule magnets. Inorganic Chemistry Frontiers, 2020, 7, 4805-4812.	6.0	13
40	Actinide arene-metalates: ion pairing effects on the electronic structure of unsupported uraniumâ€“arenide sandwich complexes. Chemical Science, 2021, 12, 13360-13372.	7.4	13
41	Coordination of Uranyl to the Redox-Active Calix[4]pyrrole Ligand. Inorganic Chemistry, 2020, 59, 8629-8634.	4.0	12
42	Isolation of a Bimetallic Cobalt(III) Nitride and Examination of Its Hydrogen Atom Abstraction Chemistry and Reactivity toward H₂. Journal of the American Chemical Society, 2020, 142, 8233-8242.	13.7	12
43	Reversible oxidative-addition and reductive-elimination of thiophene from a titanium complex and its thermally-induced hydrodesulphurization chemistry. Chemical Communications, 2020, 56, 1545-1548.	4.1	11
44	F-element metalated dipyrrins: synthesis and characterization of a family of uranyl bis(dipyrrinate) complexes. Dalton Transactions, 2017, 46, 3284-3294.	3.3	9
45	Formation of Siliconâ^'Carbon Bonds by Photochemical Irradiation of (Î·⁵-C₅H₅)Fe(CO)₂SiR₃ and (Î·⁵-C₅H₅)Fe(CO)₂Me to Obtain R₃SiMe. Organometallics, 2010, 29, 1041-1044.	2.3	7
46	Advances in guanidine ligand design: synthesis of a strongly electron-donating, imidazolin-2-iminato functionalized guanidinate and its properties on iron. Journal of Coordination Chemistry, 2016, 69, 2003-2014.	2.2	7
47	Electronic Structure and Magnetic Properties of a Titanium(II) Coordination Complex. Inorganic Chemistry, 2020, 59, 6187-6201.	4.0	7
48	Reductive Coupling of Xylyl Isocyanide Mediated by Low-Valent Uranium. Organometallics, 2021, 40, 2934-2938.	2.3	6
49	Arene Complexes of the Group 4 Metals. , 2021, , .		3
50	Room temperature synthesis of UO_{2+x} nanocrystals and thin films via hydrolysis of uranium(<scp>iv</scp>) complexes. Inorganic Chemistry Frontiers, 2022, 9, 678-685.	6.0	3
51	Chemical Control of Spinâ€Orbit Coupling and Charge Transfer in Vacancyâ€Ordered Ruthenium(IV) Halide Perovskites. Angewandte Chemie, 2021, 133, 5244-5248.	2.0	2