

John Arnold

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Applications of Low-Valent Transition Metalates: Development of a Reactive Noncarbonyl Rhenium(I) Anion. <i>Accounts of Chemical Research</i> , 2022, 55, 783-793.	7.6	9
2	[3 + 2] Cycloadditions and Retrocycloadditions of Niobium Imido Complexes: An Experimental and Computational Mechanistic Study. <i>Inorganic Chemistry</i> , 2022, 61, 6574-6583.	1.9	4
3	Porphyrinoid actinide complexes. <i>Chemical Society Reviews</i> , 2022, 51, 3735-3758.	18.7	7
4	Does Reduction-Induced Isomerization of a Uranium(III) Aryl Complex Proceed via C-H Oxidative Addition and Reductive Elimination across the Uranium(II/IV) Redox Couple?. <i>Inorganic Chemistry</i> , 2022, 61, 8955-8965.	1.9	7
5	Engendering reactivity at group 5-heteroatom multiple bonds via σ -loading. <i>Chemical Science</i> , 2022, 13, 8224-8242.	3.7	4
6	Recent Advances in Nuclear Forensic Chemistry. <i>Analytical Chemistry</i> , 2021, 93, 3-22.	3.2	19
7	Thorium amidates function as single-source molecular precursors for thorium dioxide. <i>Chemical Communications</i> , 2021, 57, 4954-4957.	2.2	2
8	σ or π Bonding interactions in a series of rhenium metallotetrylenes. <i>Dalton Transactions</i> , 2021, 50, 2083-2092.	1.6	9
9	Amidinate Supporting Ligands Influence Molecularity in Formation of Uranium Nitrides. <i>Inorganic Chemistry</i> , 2021, 60, 6672-6679.	1.9	8
10	A Diverse Array of C-C Bonds Formed at a Tantalum Metal Center. <i>Inorganic Chemistry</i> , 2021, 60, 9912-9931.	1.9	7
11	A Uranium(II) Arene Complex That Acts as a Uranium(I) Synthon. <i>Journal of the American Chemical Society</i> , 2021, 143, 19748-19760.	6.6	34
12	Access to Corrole-Appended Persubstituted Benzofurans by a Multicomponent Reaction: The Dual Role of σ -Chloranil. <i>Organic Letters</i> , 2020, 22, 8139-8143.	2.4	4
13	1,2-Addition and cycloaddition reactions of niobium bis(imido) and oxo imido complexes. <i>Chemical Science</i> , 2020, 11, 11613-11632.	3.7	17
14	The synthesis and versatile reducing power of low-valent uranium complexes. <i>Dalton Transactions</i> , 2020, 49, 15124-15138.	1.6	36
15	Diverse Reactivity of a Rhenium(V) Oxo Imido Complex: [2 + 2] Cycloadditions, Chalcogen Metathesis, Oxygen Atom Transfer, and Protic and Hydridic 1,2-Additions. <i>Inorganic Chemistry</i> , 2020, 59, 11096-11107.	1.9	10
16	Perturbation of 1σ Coupling in Carbon-Fluorine Bonds on Coordination to Lewis Acids: A Structural, Spectroscopic, and Computational Study. <i>Inorganic Chemistry</i> , 2020, 59, 17259-17267.	1.9	3
17	Electronic Structures of Rhenium(II) η^2 -Diketiminates Probed by EPR Spectroscopy: Direct Comparison of an Acceptor-Free Complex to Its Dinitrogen, Isocyanide, and Carbon Monoxide Adducts. <i>Journal of the American Chemical Society</i> , 2020, 142, 13805-13813.	6.6	10
18	Isocyanide adducts of tri- and tetravalent uranium metallocenes supported by tetra(isopropyl)cyclopentadienyl ligands. <i>Dalton Transactions</i> , 2020, 49, 11971-11977.	1.6	6

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19	Uranium Metallocene Azides, Isocyanates, and Their Borane-Capped Lewis Adducts. <i>Inorganic Chemistry</i> , 2020, 59, 8580-8588.	1.9	12
20	Structure and magnetism of a tetrahedral uranium(III) f^2 -diketiminato complex. <i>Dalton Transactions</i> , 2020, 49, 7938-7944.	1.6	9
21	Lewis acid capping of a uranium(V) nitride <i>via</i> a uranium(III) azide molecular square. <i>Chemical Communications</i> , 2020, 56, 4535-4538.	2.2	28
22	Electron acceptors promote proton-hydride tautomerism in low valent rhenium f^2 -diketiminates. <i>Chemical Communications</i> , 2020, 56, 3761-3764.	2.2	10
23	Synthesis and Structure of Uranium-Silylene Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 2360-2364.	1.7	13
24	Reactivity of terminal imido complexes of group 4-6 metals: Stoichiometric and catalytic reactions involving cycloaddition with unsaturated organic molecules. <i>Coordination Chemistry Reviews</i> , 2020, 407, 213118.	9.5	49
25	Structural properties of ultra-small thorium and uranium dioxide nanoparticles embedded in a covalent organic framework. <i>Chemical Science</i> , 2020, 11, 4648-4668.	3.7	22
26	Facile Activation of Triarylboranes by Rhenium(V) Oxo Imido Complexes. <i>Inorganic Chemistry</i> , 2020, 59, 7216-7226.	1.9	5
27	In-Plane Thorium(IV), Uranium(IV), and Neptunium(IV) Expanded Porphyrin Complexes. <i>Journal of the American Chemical Society</i> , 2019, 141, 17867-17874.	6.6	28
28	f^2 -Diimine-Niobium Complex-Catalyzed Deoxychlorination of Benzyl Ethers with Silicon Tetrachloride. <i>Inorganic Chemistry</i> , 2019, 58, 12825-12831.	1.9	5
29	H_2 Activation and Direct Access to Terminal Nitride and <i>cyclo</i> - P_3 Complexes by an Acceptor-Free Rhenium(II) f^2 -Diketiminato. <i>Inorganic Chemistry</i> , 2019, 58, 13492-13501.	1.9	17
30	Hydrodehalogenation of alkyl halides catalyzed by a trichloroniobium complex with a redox active f^2 -diimine ligand. <i>Chemical Communications</i> , 2019, 55, 7247-7250.	2.2	13
31	Metal Bonding with 3d and 6d Orbitals: An EPR and ENDOR Spectroscopic Investigation of Ti^{3+} -Al and Th^{3+} -Al Heterobimetallic Complexes. <i>Inorganic Chemistry</i> , 2019, 58, 7978-7988.	1.9	14
32	A Uranium Tri-Rhenium Triple Inverse Sandwich Compound. <i>Journal of the American Chemical Society</i> , 2019, 141, 5144-5148.	6.6	22
33	Dioxygen reacts with metal-carbon bonds in thorium dialkyls to produce bis(alkoxides). <i>Dalton Transactions</i> , 2019, 48, 5569-5573.	1.6	3
34	Chemical Vapor Deposition of Phase-Pure Uranium Dioxide Thin Films from Uranium(IV) Amidate Precursors. <i>Angewandte Chemie</i> , 2019, 131, 5805-5809.	1.6	1
35	Chemical Vapor Deposition of Phase-Pure Uranium Dioxide Thin Films from Uranium(IV) Amidate Precursors. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5749-5753.	7.2	24
36	Siderophore-inspired chelator hijacks uranium from aqueous medium. <i>Nature Communications</i> , 2019, 10, 819.	5.8	84

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37	Coordination of 2,2-bis-(Trifluoroazanediy)bis(N,N-dimethylacetamide) with U(VI), Nd(III), and Np(V): A Thermodynamic and Structural Study. <i>Inorganic Chemistry</i> , 2019, 58, 15962-15970.	1.9	10
38	Controlling dinitrogen functionalization at rhenium through alkali metal ion pairing. <i>Dalton Transactions</i> , 2019, 48, 17936-17944.	1.6	22
39	Structural, Electrochemical, and Magnetic Studies of Bulky Uranium(III) and Uranium(IV) Metallocenes. <i>Inorganic Chemistry</i> , 2019, 58, 16629-16641.	1.9	28
40	Structural diversity in multinuclear tantalum polyhydrides formed via reductive hydrogenolysis of metal-carbon bonds. <i>Chemical Communications</i> , 2019, 55, 13263-13266.	2.2	13
41	Heterotetrametallic Re-Zn-Zn-Re Complex Generated by an Anionic Rhenium(I) η^2 -Diketimate. <i>Journal of the American Chemical Society</i> , 2019, 141, 800-804.	6.6	28
42	Chemical structure and bonding in a thorium-aluminum heterobimetallic complex. <i>Chemical Science</i> , 2018, 9, 4317-4324.	3.7	34
43	Hydroboration Reactivity of Niobium Bis(N-heterocyclic carbene)borate Complexes. <i>Inorganic Chemistry</i> , 2018, 57, 5213-5224.	1.9	16
44	Interactions of vanadium(IV) with amidoxime ligands: redox reactivity. <i>Dalton Transactions</i> , 2018, 47, 5695-5702.	1.6	14
45	Insertion, protonolysis and photolysis reactivity of a thorium monoalkyl amidinate complex. <i>Chemical Science</i> , 2018, 9, 2831-2841.	3.7	19
46	Thermodynamic, Structural, and Computational Investigation on the Complexation between UO_2^{2+} and Amine-Functionalized Diacetamide Ligands in Aqueous Solution. <i>Inorganic Chemistry</i> , 2018, 57, 2122-2131.	1.9	21
47	Homoleptic UO_2^{2+} and $U(IV)$ amidate complexes. <i>Dalton Transactions</i> , 2018, 47, 1772-1776.	1.6	9
48	Dual roles of f electrons in mixing Al 3p character into d-orbital conduction bands for lanthanide and actinide dialuminides. <i>Physical Review B</i> , 2018, 97, .	1.1	4
49	An overview and recent progress in the chemistry of uranium extraction from seawater. <i>Dalton Transactions</i> , 2018, 47, 639-644.	1.6	130
50	f-Block complexes of a <i>m</i> -terphenyl dithiocarboxylate ligand. <i>Dalton Transactions</i> , 2018, 47, 96-104.	1.6	12
51	V IV O and V IV Species Formed in Aqueous Solution by the Tridentate Glutarimide-Dioxime Ligand: An Instrumental and Computational Characterization. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1805-1816.	1.0	9
52	Synthesis, characterization, and epoxide ring-opening reactivity of thorium-NHC-bpy complexes. <i>Journal of Organometallic Chemistry</i> , 2018, 857, 10-15.	0.8	10
53	An enigmatic trailblazer on the frontier of discovery: Richard A. Andersen. <i>Chemical Communications</i> , 2018, 54, 12131-12132.	2.2	2
54	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie</i> , 2018, 130, 16368-16372.	1.6	2

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55	Isolation of a TMTAA-Based Radical in Uranium bis-TMTAA Complexes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16136-16140.	7.2	4
56	A uranium(IV) imido amido triazenido complex formed via addition of a C H bond across a U N multiple bond. <i>Polyhedron</i> , 2018, 155, 149-152.	1.0	8
57	Two-electron oxidation of a homoleptic U(ⁱⁱⁱ) guanidinate complex by diphenyldiazomethane. <i>Chemical Communications</i> , 2018, 54, 10913-10916.	2.2	21
58	Complexation-assisted reduction: complexes of glutarimide-dioxime with tetravalent actinides (Np(^{iv}) and Th(^{iv})). <i>Dalton Transactions</i> , 2018, 47, 8134-8141.	1.6	17
59	Complexation of NpO ₂ ⁺ with Amine-Functionalized Diacetamide Ligands in Aqueous Solution: Thermodynamic, Structural, and Computational Studies. <i>Inorganic Chemistry</i> , 2018, 57, 6965-6972.	1.9	10
60	Reductions of a Rhenium(III) Terminal Oxo Complex by Isocyanides and Carbon Monoxide. <i>Organometallics</i> , 2018, 37, 3552-3557.	1.1	10
61	Redox-Initiated Reactivity of Dinuclear $\hat{\text{I}}^2$ -Diketiminatoniobium Imido Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 1626-1637.	1.9	9
62	Structural and Electronic Noninnocence of $\hat{\text{I}}^{\pm}$ -Diimine Ligands on Niobium for Reductive C-Cl Bond Activation and Catalytic Radical Addition Reactions. <i>Journal of the American Chemical Society</i> , 2017, 139, 6494-6505.	6.6	54
63	A Thorium Chalcogenolate Series Generated by Atom Insertion into Thorium-Carbon Bonds. <i>Journal of the American Chemical Society</i> , 2017, 139, 6261-6269.	6.6	34
64	Reductive Elimination of Diphosphine from a Thorium-NHC-Bis(phosphido) Complex. <i>Organometallics</i> , 2017, 36, 4511-4514.	1.1	36
65	Chemical and Morphological Inhomogeneity of Aluminum Metal and Oxides from Soft X-ray Spectromicroscopy. <i>Inorganic Chemistry</i> , 2017, 56, 5710-5719.	1.9	12
66	Hydride oxidation from a titanium-aluminum bimetallic complex: insertion, thermal and electrochemical reactivity. <i>Chemical Science</i> , 2017, 8, 5153-5160.	3.7	19
67	Synthesis and reactivity of tantalum corrole complexes. <i>Dalton Transactions</i> , 2017, 46, 780-785.	1.6	16
68	New supporting ligands in actinide chemistry: tetramethyltetraazaannulene complexes with thorium and uranium. <i>Dalton Transactions</i> , 2017, 46, 13768-13782.	1.6	26
69	Synthesis and Redox Chemistry of a Tantalum Alkylidene Complex Bearing a Metallaimidazole Ring. <i>Organometallics</i> , 2017, 36, 3520-3529.	1.1	7
70	Benzoquinonoid-bridged dinuclear actinide complexes. <i>Dalton Transactions</i> , 2017, 46, 11615-11625.	1.6	18
71	Olefin-Supported Rhenium(III) Terminal Oxo Complexes Generated by Nucleophilic Addition to a Cyclopentadienyl Ligand. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14241-14245.	7.2	16
72	Thorium Metallacycle Facilitates Catalytic Alkyne Hydrophosphination. <i>Journal of the American Chemical Society</i> , 2017, 139, 12935-12938.	6.6	43

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73	Kinetics of complexation of V(v), U(vi), and Fe(iii) with glutaroimide-dioxime: studies by stopped-flow and conventional absorption spectroscopy. Dalton Transactions, 2017, 46, 11084-11096.	1.6	14
74	Origin of the unusually strong and selective binding of vanadium by polyamidoximes in seawater. Nature Communications, 2017, 8, 1560.	5.8	110
75	Olefin-supported Rhenium(III) Terminal Oxo Complexes Generated by Nucleophilic Addition to a Cyclopentadienyl Ligand. Angewandte Chemie, 2017, 129, 14429-14433.	1.6	1
76	A Homoleptic Uranium(III) Tris(aryl) Complex. Journal of the American Chemical Society, 2016, 138, 15865-15868.	6.6	32
77	Photo-activation of d ⁰ niobium imido azides: en route to nitrido complexes. Chemical Communications, 2016, 52, 5538-5541.	2.2	24
78	Carbon-Nitrogen Bond Cleavage by a Thorium-NHC-bpy Complex. Angewandte Chemie, 2016, 128, 13993-13996.	1.6	9
79	Carbon-Nitrogen Bond Cleavage by a Thorium-NHC-bpy Complex. Angewandte Chemie - International Edition, 2016, 55, 13789-13792.	7.2	35
80	A New Supporting Ligand in Actinide Chemistry Leads to Reactive Bis(NHC)borate-Supported Thorium Complexes. Organometallics, 2016, 35, 2915-2922.	1.1	61
81	Unusual η^1 coordination of a η^2 -diketiminato ligand in niobium complexes. Dalton Transactions, 2016, 45, 12661-12668.	1.6	11
82	Control of clustering behavior in anionic cerium(ⁱⁱⁱ) corrole complexes: from oligomers to monomers. Dalton Transactions, 2016, 45, 18653-18660.	1.6	13
83	Oxygen Atom Transfer and Intramolecular Nitrene Transfer in a Rhenium η^2 -Diketiminato Complex. Inorganic Chemistry, 2016, 55, 11993-12000.	1.9	25
84	Activation of heteroallenes by coordinatively unsaturated nickel(ii) alkyl complexes supported by the hydrotris(3-phenyl-5-methyl)pyrazolyl borate (TpPh,Me) ligand. Dalton Transactions, 2016, 45, 14581-14590.	1.6	3
85	Group 5 chemistry supported by η^2 -diketiminato ligands. Dalton Transactions, 2016, 45, 15725-15745.	1.6	43
86	2016 New talent Americas across academia and the U.S. National Laboratories. Dalton Transactions, 2016, 45, 9743-9743.	1.6	3
87	On the non-innocence of η^5 -Nacnac ligand-based reactivity in η^2 -diketiminato supported coordination compounds. Dalton Transactions, 2016, 45, 14462-14498.	1.6	154
88	Structural and spectroscopic studies of a rare non-oxido V(^v) complex crystallized from aqueous solution. Chemical Science, 2016, 7, 2775-2786.	3.7	47
89	A Peptoid-Based Combinatorial and Computational Approach to Developing Ligands for Uranyl Sequestration from Seawater. Industrial & Engineering Chemistry Research, 2016, 55, 4187-4194.	1.8	22
90	Formation of a niobium-aluminum heterobimetallic complex via supporting ligand exchange. Polyhedron, 2016, 114, 53-55.	1.0	5

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91	Nitrene Metathesis and Catalytic Nitrene Transfer Promoted by Niobium Bis(imido) Complexes. <i>Journal of the American Chemical Society</i> , 2016, 138, 52-55.	6.6	48
92	N≡N bond cleavage in a nitrous oxide→NHC adduct promoted by a PNP pincer cobalt(I) complex. <i>Polyhedron</i> , 2016, 103, 157-163.	1.0	13
93	Reduction of (^{i>} BuN→)NbCl ₃ (py) ₂ in a Salt-Free Manner for Generating Nb(IV) Dinuclear Complexes and Their Reactivity toward Benzo[<i>c</i>]cinnoline. <i>Inorganic Chemistry</i> , 2015, 54, 6004-6009.	1.9	27
94	Uranium and thorium complexes of the phosphoethynolate ion. <i>Chemical Science</i> , 2015, 6, 6379-6384.	3.7	102
95	Preparation and characterization of a tungsten(V) corrole dichloride complex. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 150-153.	0.4	12
96	Electron localization in a mixed-valence diniohium benzene complex. <i>Chemical Science</i> , 2015, 6, 993-1003.	3.7	22
97	C≡F sp ² bond functionalization mediated by niobium complexes. <i>Dalton Transactions</i> , 2015, 44, 19494-19500.	1.6	13
98	Recent developments in out-of-plane metallocorrole chemistry across the periodic table. <i>Dalton Transactions</i> , 2015, 44, 30-36.	1.6	44
99	Theory and X-ray Absorption Spectroscopy for Aluminum Coordination Complexes → Al K-Edge Studies of Charge and Bonding in (BDI)Al, (BDI)AlR ₂ , and (BDI)AlX ₂ Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 10304-10316.	6.6	21
100	Regioselective [2+2] and [4+2] cycloaddition reactivity in an asymmetric niobium(bisimido) moiety towards unsaturated organic molecules. <i>Chemical Communications</i> , 2015, 51, 1278-1281.	2.2	23
101	Activation of White Phosphorus by Low-Valent Group 5 Complexes: Formation and Reactivity of <i>cyclo</i> -P ₄ Inverted Sandwich Compounds. <i>Journal of the American Chemical Society</i> , 2014, 136, 17652-17661.	6.6	52
102	The influence of Michael Lappert on the chemistry landscape. <i>Dalton Transactions</i> , 2014, 43, 16553-16556.	1.6	1
103	Generation of low-valent tantalum species by reversible C≡H activation in a cyclometallated tantalum hydride complex. <i>Dalton Transactions</i> , 2014, 43, 10046.	1.6	19
104	Synthesis, structure and reactivity of group 4 corrole complexes. <i>Chemical Communications</i> , 2014, 50, 2922.	2.2	27
105	Synthesis and characterization of group 5 imido complexes supported by the 2,6-dichloroaryl <i>l</i> ² -diketiminato ligand. <i>Inorganica Chimica Acta</i> , 2014, 422, 114-119.	1.2	9
106	Reaction of (Bisimido)niobium(V) Complexes with Organic Azides: [3 + 2] Cycloaddition and Reversible Cleavage of <i>l</i> ² -Diketiminato Ligands Involving Nitrene Transfer. <i>Journal of the American Chemical Society</i> , 2014, 136, 2994-2997.	6.6	47
107	Corroles That →Click→ Modular Synthesis of Azido- and Propargyl-Functionalized Metallocorrole Complexes and Convergent Synthesis of a Bis-corrole Scaffold. <i>Inorganic Chemistry</i> , 2014, 53, 7941-7950.	1.9	21
108	Carbon→fluorine bond cleavage in fluoroarenes via a niobium(III) imido complex: from stoichiometric to catalytic hydrodefluorination. <i>Chemical Science</i> , 2014, 5, 2517.	3.7	60

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109	Photochemical Route to Actinide-Transition Metal Bonds: Synthesis, Characterization and Reactivity of a Series of Thorium and Uranium Heterobimetallic Complexes. <i>Journal of the American Chemical Society</i> , 2014, 136, 3647-3654.	6.6	68
110	Thorium lends a fiery hand. <i>Nature Chemistry</i> , 2014, 6, 554-554.	6.6	32
111	Unusual activation of H ₂ by reduced cobalt complexes supported by a PNP pincer ligand. <i>Chemical Communications</i> , 2014, 50, 2612.	2.2	54
112	Stoichiometric carbon-carbon bond formation mediated by well defined Nb(III) complexes. <i>Polyhedron</i> , 2014, 84, 19-23.	1.0	13
113	Chemistry of Reduced Monomeric and Dimeric Cobalt Complexes Supported by a PNP Pincer Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 11544-11550.	1.9	71
114	Vanadium Bisimide Bonding Investigated by X-ray Crystallography, ⁵¹ V and ¹³ C Nuclear Magnetic Resonance Spectroscopy, and V L _{3,2} -Edge X-ray Absorption Near-Edge Structure Spectroscopy. <i>Inorganic Chemistry</i> , 2013, 52, 11650-11660.	1.9	9
115	Synthesis and Characterization of Thorium(IV) and Uranium(IV) Corrole Complexes. <i>Journal of the American Chemical Society</i> , 2013, 135, 13965-13971.	6.6	60
116	Group 5 Imides and Bis(imide)s as Selective Hydrogenation Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3771-3783.	1.0	35
117	Synthesis and characterization of coordinatively unsaturated nickel(ii) and manganese(ii) alkyl complexes supported by the hydrotris(3-phenyl-5-methylpyrazolyl)borate (TpPh,Me) ligand. <i>Dalton Transactions</i> , 2013, 42, 10525.	1.6	14
118	Electrochemical Redox Catalysis for Electrochemical Dehydrogenation of Liquid Hydrogen Carrier Fuels for Energy Storage and Conversion. <i>Journal of the Electrochemical Society</i> , 2013, 160, G3152-G3158.	1.3	10
119	Lanthanide corroles: a new class of macrocyclic lanthanide complexes. <i>Chemical Communications</i> , 2013, 49, 3104.	2.2	50
120	Dis-assembly of a Benzylic CF ₃ Group Mediated by a Niobium(III) Imido Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 8145-8148.	6.6	37
121	Diniobium Inverted Sandwich Complexes with $\frac{1}{4}\text{-}\hat{\text{I}}^{\text{sup}6\text{>}}\text{-}\hat{\text{I}}^{\text{sup}6\text{>}}$ -Arene Ligands: Synthesis, Kinetics of Formation, and Electronic Structure. <i>Journal of the American Chemical Society</i> , 2013, 135, 3224-3236.	6.6	56
122	Carbon Monoxide, Isocyanide, and Nitrile Complexes of Cationic, d ⁰ Vanadium Bisimides: π -Back Bonding Derived from the π Symmetry, Bonding Metal Bisimido Ligand Orbitals. <i>Inorganic Chemistry</i> , 2012, 51, 13334-13344.	1.9	35
123	Synthesis of lithium corrole and its use as a reagent for the preparation of cyclopentadienyl zirconium and titanium corrole complexes. <i>Chemical Communications</i> , 2012, 48, 10766.	2.2	39
124	Structures, Physicochemical Properties, and Reactivities of Cobalt(II) Complexes Supported by a Homoscorpionate (Tris(pyrazolyl)borate) Ligand Tp ^{Ph,Me} . <i>Organometallics</i> , 2012, 31, 372-380.	1.1	16
125	Bimetallic Ruthenium PNP Pincer Complex As a Platform to Model Proposed Intermediates in Dinitrogen Reduction to Ammonia. <i>Inorganic Chemistry</i> , 2012, 51, 9730-9739.	1.9	34
126	Nonprecious Metal Catalysts for Fuel Cell Applications: Electrochemical Dioxygen Activation by a Series of First Row Transition Metal Tris(2-pyridylmethyl)amine Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 4694-4706.	1.9	75

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127	New talent: Americas. Dalton Transactions, 2012, 41, 7781.	1.6	1
128	Synthesis and reactivity of cationic niobium and tantalum methyl complexes supported by imido and $\hat{\nu}^2$ -diketiminato ligands. Dalton Transactions, 2011, 40, 7718.	1.6	29
129	d ⁰ organometallics in catalysis. Dalton Transactions, 2011, 40, 7665.	1.6	1
130	Z-Selective, Catalytic Internal Alkyne Semihydrogenation under H ₂ /CO Mixtures by a Niobium(III) Imido Complex. Journal of the American Chemical Society, 2011, 133, 14904-14907.	6.6	82
131	Covalent Lanthanide Chemistry Near the Limit of Weak Bonding: Observation of (CpSiMe ₃) ₃ Ce ⁺ ECp* and a Comprehensive Density Functional Theory Analysis of Cp ₃ Ln ⁺ ECp (E = Al, Ga). Inorganic Chemistry, 2011, 50, 345-357.	1.9	58
132	Preparation, Characterization, and Postsynthetic Modification of Metal ⁺ Organic Frameworks: Synthetic Experiments for an Undergraduate Laboratory Course in Inorganic Chemistry. Journal of Chemical Education, 2011, 88, 92-94.	1.1	32
133	Metal complexes of Co, Ni and Cu with the pincer ligand HN(CH ₂ CH ₂ Pr) ₂ : preparation, characterization and electrochemistry. Dalton Transactions, 2011, 40, 10397.	1.6	57
134	Carbon Radical Generation by d ⁰ Tantalum Complexes with $\hat{\nu}^2$ -Diimine Ligands through Ligand-Centered Redox Processes. Journal of the American Chemical Society, 2011, 133, 18673-18683.	6.6	75
135	Z-Selective Semihydrogenation of Alkynes Catalyzed by a Cationic Vanadium Bisimido Complex. Angewandte Chemie - International Edition, 2011, 50, 3900-3903.	7.2	113
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257	Synthesis and characterization of lithium, sodium, and potassium porphyrin complexes. X-ray crystal structures of $\text{Li}_2(\text{C}_6\text{H}_{12}\text{O}_2)_2\text{TMPP}$, $\text{Na}_2(\text{THF})_4\text{OEP}$, and $\text{K}_2(\text{pyridine})_4\text{OEP}$. <i>Journal of the American Chemical Society</i> , 1993, 115, 2707-2713.	6.6	102
258	Synthesis and characterization of gold(I) thiolates, selenolates, and tellurolates: x-ray crystal structures of $\text{Au}_4[\text{TeC}(\text{SiMe}_3)_3]_4$, $\text{Au}_4[\text{SC}(\text{SiMe}_3)_3]_4$, and $\text{Ph}_3\text{PAu}[\text{TeC}(\text{SiMe}_3)_3]$. <i>Inorganic Chemistry</i> , 1993, 32, 5126-5131.	1.9	113
259	Spectroscopic characterization of zirconium(IV) and hafnium(IV) sandwich porphyrin complexes. <i>The Journal of Physical Chemistry</i> , 1993, 97, 1332-1338.	2.9	26
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262	Zinc, cadmium, and mercury tellurolates: hydrocarbon solubility and low coordination numbers enforced by sterically encumbered silyltellurolate ligands. <i>Inorganic Chemistry</i> , 1992, 31, 2508-2514.	1.9	83
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281	Preparation and characterization of tris(trimethylsilyl)silyl and tris(trimethylsilyl)germyl derivatives of zirconium and hafnium. X-ray crystal structures of ($\eta^5\text{-C}_5\text{Me}_5$) $\text{Cl}_2\text{HfSi}(\text{SiMe}_3)_3$ and ($\eta^5\text{-C}_5\text{Me}_5$) $\text{Cl}_2\text{HfGe}(\text{SiMe}_3)_3$. <i>Inorganic Chemistry</i> , 1988, 27, 3510-3514.	1.9	44
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290	Tetrahedral Lewis base adducts of an acyl. Preparation and x-ray structure of the pyridine adduct (.eta.5-C5Me5)Cl3Ta[.eta.2-OC(SiMe3)(NC5H5)]. Journal of the American Chemical Society, 1986, 108, 5355-5356.	6.6	19
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