John Arnold

List of Publications by Year
in descending order

296 papers	11,525 citations	22099 59 h-index	56606 83 g-index
329 all docs	329 docs citations	329 times ranked	7156 citing authors

#	Article	IF	Citations
1	Applications of Low-Valent Transition Metalates: Development of a Reactive Noncarbonyl Rhenium(I) Anion. Accounts of Chemical Research, 2022, 55, 783-793.	7.6	9
2	[3 + 2] Cycloadditions and Retrocycloadditions of Niobium Imido Complexes: An Experimental and Computational Mechanistic Study. Inorganic Chemistry, 2022, 61, 6574-6583.	1.9	4
3	Porphyrinoid actinide complexes. Chemical Society Reviews, 2022, 51, 3735-3758.	18.7	7
4	Does Reduction-Induced Isomerization of a Uranium(III) Aryl Complex Proceed via Câ€“H Oxidative Addition and Reductive Elimination across the Uranium(II/IV) Redox Couple?. Inorganic Chemistry, 2022, 61, 8955-8965.	1.9	7
5	Engendering reactivity at group 5-heteroatom multiple bondsviaÏ€-loading. Chemical Science, 2022, 13, 8224-8242.	3.7	4
6	Recent Advances in Nuclear Forensic Chemistry. Analytical Chemistry, 2021, 93, 3-22.	3.2	19
7	Thorium amidates function as single-source molecular precursors for thorium dioxide. Chemical Communications, 2021, 57, 4954-4957.	2.2	2
8	Ïƒ or Ï€? Bonding interactions in a series of rhenium metallotetrylenes. Dalton Transactions, 2021, 50, 2083-2092.	1.6	9
9	Amidinate Supporting Ligands Influence Molecularity in Formation of Uranium Nitrides. Inorganic Chemistry, 2021, 60, 6672-6679.	1.9	8
10	A Diverse Array of Câ€“C Bonds Formed at a Tantalum Metal Center. Inorganic Chemistry, 2021, 60, 9912-9931.	1.9	7
11	A Uranium(II) Arene Complex That Acts as a Uranium(I) Synthon. Journal of the American Chemical Society, 2021, 143, 19748-19760.	6.6	34
12	Access to Corrole-Appended Persubstituted Benzofurans by a Multicomponent Reaction: The Dual Role of p-Chloranil. Organic Letters, 2020, 22, 8139-8143.	2.4	4
13	1,2-Addition and cycloaddition reactions of niobium bis(imido) and oxo imido complexes. Chemical Science, 2020, 11, 11613-11632.	3.7	17
14	The synthesis and versatile reducing power of low-valent uranium complexes. Dalton Transactions, 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. Inorganic Chemistry, 2020, 59, 11096-11107.	1.9	10
16	Perturbation of ¹J_{C,F} Coupling in Carbonâ€“Fluorine Bonds on Coordination to Lewis Acids: A Structural, Spectroscopic, and Computational Study. Inorganic Chemistry, 2020, 59, 17259-17267.	1.9	3
17	Electronic Structures of Rhenium(II) Î²-Diketiminates Probed by EPR Spectroscopy: Direct Comparison of an Acceptor-Free Complex to Its Dinitrogen, Isocyanide, and Carbon Monoxide Adducts. Journal of the American Chemical Society, 2020, 142, 13805-13813.	6.6	10
18	Isocyanide adducts of tri- and tetravalent uranium metallocenes supported by tetra(isopropyl)cyclopentadienyl ligands. Dalton Transactions, 2020, 49, 11971-11977.	1.6	6

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19	Uranium Metallocene Azides, Isocyanates, and Their Borane-Capped Lewis Adducts. Inorganic Chemistry, 2020, 59, 8580-8588.	1.9	12
20	Structure and magnetism of a tetrahedral uranium(<scp>iii</scp>) Î²-diketiminate complex. Dalton Transactions, 2020, 49, 7938-7944.	1.6	9
21	Lewis acid capping of a uranium(<scp>v</scp>) nitride via a uranium(<scp>iii</scp>) azide molecular square. Chemical Communications, 2020, 56, 4535-4538.	2.2	28
22	Electron acceptors promote protonâ€“hydride tautomerism in low valent rhenium Î²-diketiminates. Chemical Communications, 2020, 56, 3761-3764.	2.2	10
23	Synthesis and Structure of Uraniumâ€Silylene Complexes. Chemistry - A European Journal, 2020, 26, 2360-2364.	1.7	13
24	Reactivity of terminal imido complexes of group 4â€“6 metals: Stoichiometric and catalytic reactions involving cycloaddition with unsaturated organic molecules. Coordination Chemistry Reviews, 2020, 407, 213118.	9.5	49
25	Structural properties of ultra-small thorium and uranium dioxide nanoparticles embedded in a covalent organic framework. Chemical Science, 2020, 11, 4648-4668.	3.7	22
26	Facile Activation of Triarylboranes by Rhenium(V) Oxo Imido Complexes. Inorganic Chemistry, 2020, 59, 7216-7226.	1.9	5
27	In-Plane Thorium(IV), Uranium(IV), and Neptunium(IV) Expanded Porphyrin Complexes. Journal of the American Chemical Society, 2019, 141, 17867-17874.	6.6	28
28	Î±-Diimine-Niobium Complex-Catalyzed Deoxychlorination of Benzyl Ethers with Silicon Tetrachloride. Inorganic Chemistry, 2019, 58, 12825-12831.	1.9	5
29	H₂ Activation and Direct Access to Terminal Nitride and cyclo-P₃ Complexes by an Acceptor-Free Rhenium(II) Î²-Diketiminate. Inorganic Chemistry, 2019, 58, 13492-13501.	1.9	17
30	Hydrodehalogenation of alkyl halides catalyzed by a trichloroniobium complex with a redox active Î±-diimine ligand. Chemical Communications, 2019, 55, 7247-7250.	2.2	13
31	Metal Bonding with 3d and 6d Orbitals: An EPR and ENDOR Spectroscopic Investigation of Ti³⁺â€“Al and Th³⁺â€“Al Heterobimetallic Complexes. Inorganic Chemistry, 2019, 58, 7978-7988.	1.9	14
32	A Uranium Tri-Rhenium Triple Inverse Sandwich Compound. Journal of the American Chemical Society, 2019, 141, 5144-5148.	6.6	22
33	Dioxygen reacts with metalâ€“carbon bonds in thorium dialkyls to produce bis(alkoxides). Dalton Transactions, 2019, 48, 5569-5573.	1.6	3
34	Chemical Vapor Deposition of Phaseâ€Pure Uranium Dioxide Thin Films from Uranium(IV) Amidate Precursors. Angewandte Chemie, 2019, 131, 5805-5809.	1.6	1
35	Chemical Vapor Deposition of Phaseâ€Pure Uranium Dioxide Thin Films from Uranium(IV) Amidate Precursors. Angewandte Chemie - International Edition, 2019, 58, 5749-5753.	7.2	24
36	Siderophore-inspired chelator hijacks uranium from aqueous medium. Nature Communications, 2019, 10, 819.	5.8	84

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37	Coordination of 2,2â€²-(Trifluoroazanediyl)bis(N,Nâ€²-dimethylacetamide) with U(VI), Nd(III), and Np(V): A Thermodynamic and Structural Study. Inorganic Chemistry, 2019, 58, 15962-15970.	1.9	10
38	Controlling dinitrogen functionalization at rhenium through alkali metal ion pairing. Dalton Transactions, 2019, 48, 17936-17944.	1.6	22
39	Structural, Electrochemical, and Magnetic Studies of Bulky Uranium(III) and Uranium(IV) Metallocenes. Inorganic Chemistry, 2019, 58, 16629-16641.	1.9	28
40	Structural diversity in multinuclear tantalum polyhydrides formed via reductive hydrogenolysis of metalâ€“carbon bonds. Chemical Communications, 2019, 55, 13263-13266.	2.2	13
41	Heterotetrametallic Reâ€“Znâ€“Znâ€“Re Complex Generated by an Anionic Rhenium(I) Î²-Diketiminate. Journal of the American Chemical Society, 2019, 141, 800-804.	6.6	28
42	Chemical structure and bonding in a thorium(<scp>iii</scp>)â€“aluminum heterobimetallic complex. Chemical Science, 2018, 9, 4317-4324.	3.7	34
43	Hydroboration Reactivity of Niobium Bis(N-heterocyclic carbene)borate Complexes. Inorganic Chemistry, 2018, 57, 5213-5224.	1.9	16
44	Interactions of vanadium(<scp>iv</scp>) with amidoxime ligands: redox reactivity. Dalton Transactions, 2018, 47, 5695-5702.	1.6	14
45	Insertion, protonolysis and photolysis reactivity of a thorium monoalkyl amidinate complex. Chemical Science, 2018, 9, 2831-2841.	3.7	19
46	Thermodynamic, Structural, and Computational Investigation on the Complexation between UO₂²⁺ and Amine-Functionalized Diacetamide Ligands in Aqueous Solution. Inorganic Chemistry, 2018, 57, 2122-2131.	1.9	21
47	Homoleptic U(<scp>iii</scp>) and U(<scp>iv</scp>) amidate complexes. Dalton Transactions, 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. Physical Review B, 2018, 97, .	1.1	4
49	An overview and recent progress in the chemistry of uranium extraction from seawater. Dalton Transactions, 2018, 47, 639-644.	1.6	130
50	f-Block complexes of a m-terphenyl dithiocarboxylate ligand. Dalton Transactions, 2018, 47, 96-104.	1.6	12
51	V IV O and V IV Species Formed in Aqueous Solution by the Tridentate Glutaroimideâ€“Dioxime Ligand â€“ An Instrumental and Computational Characterization. European Journal of Inorganic Chemistry, 2018, 2018, 1805-1816.	1.0	9
52	Synthesis, characterization, and epoxide ring-opening reactivity of thorium-NHC-bpy complexes. Journal of Organometallic Chemistry, 2018, 857, 10-15.	0.8	10
53	An enigmatic trailblazer on the frontier of discovery: Richard A. Andersen. Chemical Communications, 2018, 54, 12131-12132.	2.2	2
54	Isolation of a TMTAAâ€Based Radical in Uranium bisâ€TMTAA Complexes. Angewandte Chemie, 2018, 130, 16368-16372.	1.6	2

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55	Isolation of a TMTAAâ€Based Radical in Uranium bisâ€TMTAA Complexes. Angewandte Chemie - International Edition, 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. Polyhedron, 2018, 155, 149-152.	1.0	8
57	Two-electron oxidation of a homoleptic U(<scp>iii</scp>) guanidinate complex by diphenyldiazomethane. Chemical Communications, 2018, 54, 10913-10916.	2.2	21
58	Complexation-assisted reduction: complexes of glutaroimide-dioxime with tetravalent actinides (Np(<scp>iv</scp>) and Th(<scp>iv</scp>)). Dalton Transactions, 2018, 47, 8134-8141.	1.6	17
59	Complexation of NpO2+ with Amine-Functionalized Diacetamide Ligands in Aqueous Solution: Thermodynamic, Structural, and Computational Studies. Inorganic Chemistry, 2018, 57, 6965-6972.	1.9	10
60	Reductions of a Rhenium(III) Terminal Oxo Complex by Isocyanides and Carbon Monoxide. Organometallics, 2018, 37, 3552-3557.	1.1	10
61	Redox-Initiated Reactivity of Dinuclear Î²-Diketiminatoniobium Imido Complexes. Inorganic Chemistry, 2017, 56, 1626-1637.	1.9	9
62	Structural and Electronic Noninnocence of Î±-Diimine Ligands on Niobium for Reductive Câ€“Cl Bond Activation and Catalytic Radical Addition Reactions. Journal of the American Chemical Society, 2017, 139, 6494-6505.	6.6	54
63	A Thorium Chalcogenolate Series Generated by Atom Insertion into Thoriumâ€“Carbon Bonds. Journal of the American Chemical Society, 2017, 139, 6261-6269.	6.6	34
64	Reductive Elimination of Diphosphine from a Thoriumâ€“NHCâ€“Bis(phosphido) Complex. Organometallics, 2017, 36, 4511-4514.	1.1	36
65	Chemical and Morphological Inhomogeneity of Aluminum Metal and Oxides from Soft X-ray Spectromicroscopy. Inorganic Chemistry, 2017, 56, 5710-5719.	1.9	12
66	Hydride oxidation from a titaniumâ€“aluminum bimetallic complex: insertion, thermal and electrochemical reactivity. Chemical Science, 2017, 8, 5153-5160.	3.7	19
67	Synthesis and reactivity of tantalum corrole complexes. Dalton Transactions, 2017, 46, 780-785.	1.6	16
68	New supporting ligands in actinide chemistry: tetramethyltetraazaannulene complexes with thorium and uranium. Dalton Transactions, 2017, 46, 13768-13782.	1.6	26
69	Synthesis and Redox Chemistry of a Tantalum Alkylidene Complex Bearing a Metallaimidazole Ring. Organometallics, 2017, 36, 3520-3529.	1.1	7
70	Benzoquinonoid-bridged dinuclear actinide complexes. Dalton Transactions, 2017, 46, 11615-11625.	1.6	18
71	Olefinâ€Supported Rhenium(III) Terminal Oxo Complexes Generated by Nucleophilic Addition to a Cyclopentadienyl Ligand. Angewandte Chemie - International Edition, 2017, 56, 14241-14245.	7.2	16
72	Thorium Metallacycle Facilitates Catalytic Alkyne Hydrophosphination. Journal of the American Chemical Society, 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	Olefinâ€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 d⁰ niobium imido azides: en route to nitrido complexes. Chemical Communications, 2016, 52, 5538-5541.	2.2	24
78	Carbonâ€“Nitrogen Bond Cleavage by a Thoriumâ€NHCâ€bpy Complex. Angewandte Chemie, 2016, 128, 13993-13996.	1.6	9
79	Carbonâ€“Nitrogen Bond Cleavage by a Thoriumâ€NHCâ€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 Î¹1 coordination of a Î²-diketiminate ligand in niobium complexes. Dalton Transactions, 2016, 45, 12661-12668.	1.6	11
82	Control of clustering behavior in anionic cerium(<scp>iii</scp>) 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 Î²-Diketiminate 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 Î²-diketiminate 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 â€œNacnacsâ€• ligand-based reactivity in Î²-diketiminate supported coordination compounds. Dalton Transactions, 2016, 45, 14462-14498.	1.6	154
88	Structural and spectroscopic studies of a rare non-oxido V(<scp>v</scp>) 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 niobiumâ€“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. Journal of the American Chemical Society, 2016, 138, 52-55.	6.6	48
92	Nâ€“N bond cleavage in a nitrous oxideâ€“NHC adduct promoted by a PNP pincer cobalt(I) complex. Polyhedron, 2016, 103, 157-163.	1.0	13
93	Reduction of (^tBuNâ•)NbCl₃(py)₂ in a Salt-Free Manner for Generating Nb(IV) Dinuclear Complexes and Their Reactivity toward Benzo[c]cinnoline. Inorganic Chemistry, 2015, 54, 6004-6009.	1.9	27
94	Uranium and thorium complexes of the phosphaethynolate ion. Chemical Science, 2015, 6, 6379-6384.	3.7	102
95	Preparation and characterization of a tungsten(V) corrole dichloride complex. Journal of Porphyrins and Phthalocyanines, 2015, 19, 150-153.	0.4	12
96	Electron localization in a mixed-valence diniobium benzene complex. Chemical Science, 2015, 6, 993-1003.	3.7	22
97	Câ€“F sp2 bond functionalization mediated by niobium complexes. Dalton Transactions, 2015, 44, 19494-19500.	1.6	13
98	Recent developments in out-of-plane metallocorrole chemistry across the periodic table. Dalton Transactions, 2015, 44, 30-36.	1.6	44
99	Theory and X-ray Absorption Spectroscopy for Aluminum Coordination Complexes â€“ Al K-Edge Studies of Charge and Bonding in (BDI)Al, (BDI)AlR₂, and (BDI)AlX₂ Complexes. Journal of the American Chemical Society, 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. Chemical Communications, 2015, 51, 1278-1281.	2.2	23
101	Activation of White Phosphorus by Low-Valent Group 5 Complexes: Formation and Reactivity of cyclo-P₄ Inverted Sandwich Compounds. Journal of the American Chemical Society, 2014, 136, 17652-17661.	6.6	52
102	The influence of Michael Lappert on the chemistry landscape. Dalton Transactions, 2014, 43, 16553-16556.	1.6	1
103	Generation of low-valent tantalum species by reversible Câ€“H activation in a cyclometallated tantalum hydride complex. Dalton Transactions, 2014, 43, 10046.	1.6	19
104	Synthesis, structure and reactivity of group 4 corrole complexes. Chemical Communications, 2014, 50, 2922.	2.2	27
105	Synthesis and characterization of group 5 imido complexes supported by the 2,6-dichloroaryl Î²-diketiminato ligand. Inorganica Chimica Acta, 2014, 422, 114-119.	1.2	9
106	Reaction of (Bisimido)niobium(V) Complexes with Organic Azides: [3 + 2] Cycloaddition and Reversible Cleavage of Î²-Diketiminato Ligands Involving Nitrene Transfer. Journal of the American Chemical Society, 2014, 136, 2994-2997.	6.6	47
107	Corroles That â€œClickâ€• Modular Synthesis of Azido- and Propargyl-Functionalized Metallocorrole Complexes and Convergent Synthesis of a Bis-corrole Scaffold. Inorganic Chemistry, 2014, 53, 7941-7950.	1.9	21
108	Carbonâ€“fluorine bond cleavage in fluoroarenes via a niobium(iii) imido complex: from stoichiometric to catalytic hydrodefluorination. Chemical Science, 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. Journal of the American Chemical Society, 2014, 136, 3647-3654.	6.6	68
110	Thorium lends a fiery hand. Nature Chemistry, 2014, 6, 554-554.	6.6	32
111	Unusual activation of H2 by reduced cobalt complexes supported by a PNP pincer ligand. Chemical Communications, 2014, 50, 2612.	2.2	54
112	Stoichiometric carbonâ€“carbon bond formation mediated by well defined Nb(III) complexes. Polyhedron, 2014, 84, 19-23.	1.0	13
113	Chemistry of Reduced Monomeric and Dimeric Cobalt Complexes Supported by a PNP Pincer Ligand. Inorganic Chemistry, 2013, 52, 11544-11550.	1.9	71
114	Vanadium Bisimide Bonding Investigated by X-ray Crystallography, ⁵¹V and ¹³C Nuclear Magnetic Resonance Spectroscopy, and V L_{3,2}-Edge X-ray Absorption Near-Edge Structure Spectroscopy. Inorganic Chemistry, 2013, 52, 11650-11660.	1.9	9
115	Synthesis and Characterization of Thorium(IV) and Uranium(IV) Corrole Complexes. Journal of the American Chemical Society, 2013, 135, 13965-13971.	6.6	60
116	Group 5 Imides and Bis(imide)s as Selective Hydrogenation Catalysts. European Journal of Inorganic Chemistry, 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. Dalton Transactions, 2013, 42, 10525.	1.6	14
118	Electrochemical Redox Catalysis for Electrochemical Dehydrogenation of Liquid Hydrogen Carrier Fuels for Energy Storage and Conversion. Journal of the Electrochemical Society, 2013, 160, G3152-G3158.	1.3	10
119	Lanthanide corroles: a new class of macrocyclic lanthanide complexes. Chemical Communications, 2013, 49, 3104.	2.2	50
120	Dis-assembly of a Benzylic CF3 Group Mediated by a Niobium(III) Imido Complex. Journal of the American Chemical Society, 2013, 135, 8145-8148.	6.6	37
121	Diniobium Inverted Sandwich Complexes with Î¼-Î·⁶:Î·⁶-Arene Ligands: Synthesis, Kinetics of Formation, and Electronic Structure. Journal of the American Chemical Society, 2013, 135, 3224-3236.	6.6	56
122	Carbon Monoxide, Isocyanide, and Nitrile Complexes of Cationic, d⁰ Vanadium Bisimides: Ï€-Back Bonding Derived from the Ï€ Symmetry, Bonding Metal Bisimido Ligand Orbitals. Inorganic Chemistry, 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. Chemical Communications, 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}. Organometallics, 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. Inorganic Chemistry, 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. Inorganic Chemistry, 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 Î²-diketiminato ligands. Dalton Transactions, 2011, 40, 7718.	1.6	29
129	d0 organometallics in catalysis. Dalton Transactions, 2011, 40, 7665.	1.6	1
130	Z-Selective, Catalytic Internal Alkyne Semihydrogenation under H₂/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 (CpSiMe₃)₃Ceâ^'ECp* and a Comprehensive Density Functional Theory Analysis of Cp₃Lnâ^'ECp (E = Al, Ga). Inorganic Chemistry, 2011, 50, 345-357.	1.9	58
132	Preparation, Characterization, and Postsynthetic Modification of Metalâ^'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(CH2CH2PiPr2)2: preparation, characterization and electrochemistry. Dalton Transactions, 2011, 40, 10397.	1.6	57
134	Carbon Radical Generation by d0Tantalum Complexes with Î±-Diimine Ligands through Ligand-Centered Redox Processes. Journal of the American Chemical Society, 2011, 133, 18673-18683.	6.6	75
135	Zâ€Selective Semihydrogenation of Alkynes Catalyzed by a Cationic Vanadium Bisimido Complex. Angewandte Chemie - International Edition, 2011, 50, 3900-3903.	7.2	113
136	Evaluating fâ€Element Bonding from Structure and Thermodynamics. Chemistry - A European Journal, 2011, 17, 12234-12245.	1.7	64
137	Synthesis, Characterization, and Reactions of Isolable (Î²-Diketiminato)niobium(III) Imido Complexes. Organometallics, 2010, 29, 5010-5025.	1.1	56
138	Halo, Alkyl, Aryl, and Bis(imido) Complexes of Niobium Supported by the Î²-Diketiminato Ligand. Organometallics, 2010, 29, 2926-2942.	1.1	71
139	Use of Tetradentate Monoanionic Ligands for Stabilizing Reactive Metal Complexes. Chemistry - A European Journal, 2009, 15, 2020-2030.	1.7	34
140	Substitution and Reaction Chemistry of Cobalt Complexes Supported by [N₂P₂] Ligands. Inorganic Chemistry, 2009, 48, 3274-3286.	1.9	20
141	Synthesis and Reactivity of Titanium and Zirconium Complexes Supported by a Multidentate Monoanionic [N₂P₂] Ligand. Organometallics, 2009, 28, 3338-3349.	1.1	27
142	A Comparison of 4f5fMetalâ^'Metal Bonds in (CpSiMe₃)₃Mâ^'ECp* (M = Nd, U; E = Al, Ga; Cp* = C₅Me₅): Synthesis, Thermodynamics, Magnetism, and Electronic Structure. Journal of the American Chemical Society, 2009, 131, 13767-13783.	6.6	131
143	Synthesis and characterization of manganese and iron complexes supported by multidentate [N2P2] ligands. Dalton Transactions, 2009, , 1714.	1.6	31
144	Aluminium, zinc, gallium, and cadmium complexes supported by a monoanionic [N₂P₂] ligand. Dalton Transactions, 2009, , 106-110.	1.6	7

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145	Chromium Complexes Supported by the Multidentate Monoanionic N₂P₂Ligand: Reduction Chemistry and Reactivity with Ethylene. Organometallics, 2009, 28, 6243-6253.	1.1	32
146	cis,fac-Dichlorido{N-[3,5-di-tert-butyl-2-(trimethylsilyloxy)benzyl]-N,N-bis(2-pyridylmethyl)amine}(dimethyl) Tj ETQq0 0 0 rgBT /Overlock Reports Online, 2009, 65, m1371-m1372.	0.2	1
147	Surfaceâ€Enhanced Raman Spectroscopy for Trace Arsenic Detection in Contaminated Water. Angewandte Chemie - International Edition, 2008, 47, 6456-6460.	7.2	258
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