

Alan F Heyduk

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Metal-Ion Influence on Ligand-Centered Hydrogen-Atom Transfer. <i>Inorganic Chemistry</i> , 2021, 60, 1579-1589.	1.9	12
2	Exploring Ligand-Centered Hydride and H-Atom Transfer. <i>Inorganic Chemistry</i> , 2021, 60, 5367-5375.	1.9	7
3	Three oxidation states of the bis(3,5-di-tert-butyl-2-phenolato)azanido pincer ligand on chromium(III). <i>Polyhedron</i> , 2018, 143, 111-117.	1.0	14
4	Hydrogen-Atom Noninnocence of a Tridentate [SNS] Pincer Ligand. <i>Inorganic Chemistry</i> , 2018, 57, 9728-9737.	1.9	28
5	Heterobimetallic complexes of palladium and platinum containing a redox-active W[SNS] ₂ metalloligand. <i>Dalton Transactions</i> , 2017, 46, 5503-5507.	1.6	9
6	Heterobimetallic and Heterotrimetallic Clusters Containing a Redox-Active Metalloligand. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5571-5575.	1.0	18
7	A Heterobimetallic W-Ni Complex Containing a Redox-Active W[SNS] ₂ Metalloligand. <i>Inorganic Chemistry</i> , 2016, 55, 6794-6798.	1.9	27
8	Bimetallic iron-iron and iron-zinc complexes of the redox-active ONO pincer ligand. <i>Chemical Science</i> , 2016, 7, 1594-1599.	3.7	27
9	Near-IR absorbing donor-acceptor ligand-to-ligand charge-transfer complexes of nickel(<i>ii</i>). <i>Chemical Science</i> , 2016, 7, 1807-1814.	3.7	57
10	Synthesis of Catecholate Ligands with Phosphonate Anchoring Groups. <i>Inorganic Chemistry</i> , 2015, 54, 7571-7578.	1.9	8
11	Non-innocent ligands. <i>Chemical Communications</i> , 2015, 51, 1553-1554.	2.2	106
12	Metal effects on ligand non-innocence in Group 5 complexes of the redox-active [ONO] pincer ligand. <i>Dalton Transactions</i> , 2014, 43, 17991-18000.	1.6	32
13	Donor-Acceptor Ligand-to-Ligand Charge-Transfer Coordination Complexes of Nickel(II). <i>Inorganic Chemistry</i> , 2014, 53, 8825-8837.	1.9	47
14	Synthesis and Characterization of a Redox-Active Bis(thiophenolato)amide Ligand, [SNS] ³⁻ , and the Homoleptic Tungsten Complexes, W[SNS] ₂ and W[ONO] ₂ . <i>Inorganic Chemistry</i> , 2013, 52, 2110-2118.	1.9	44
15	Tuning the Electronic and Steric Parameters of a Redox-Active Tris(amido) Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 11244-11255.	1.9	68
16	Group transfer reactions of d0 transition metal complexes: redox-active ligands provide a mechanism for expanded reactivity. <i>Dalton Transactions</i> , 2013, 42, 3751.	1.6	94
17	Disulfide reductive elimination from an iron(III) complex. <i>Chemical Science</i> , 2013, 4, 1906.	3.7	52
18	Coordination Effects on Electron Distributions for Rhodium Complexes of the Redox-Active Bis(3,5-di-tert-butyl-2-phenolato)amide Ligand. <i>Inorganic Chemistry</i> , 2012, 51, 12606-12618.	1.9	30

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19	Aluminum complexes of the redox-active [ONO] pincer ligand. Dalton Transactions, 2012, 41, 8144.	1.6	46
20	A Redox-Active Ligand as a Reservoir for Protons and Electrons: O ₂ Reduction at Zirconium(IV). European Journal of Inorganic Chemistry, 2012, 2012, 467-470.	1.0	57
21	Catalytic nitrene transfer by a zirconium(IV) redox-active ligand complex. Chemical Science, 2011, 2, 166-169.	3.7	149
22	Steric and Electronic Consequences of Flexibility in a Tetradentate Redox-Active Ligand: Ti(IV) and Zr(IV) Complexes. Inorganic Chemistry, 2011, 50, 125-135.	1.9	21
23	Reactivity of Organometallic Tantalum Complexes Containing a Bis(phenoxy)amide (ONO) ₃ Ligand with Aryl Azides and 1,2-Diphenylhydrazine. Organometallics, 2011, 30, 4890-4898.	1.1	38
24	Designing Catalysts for Nitrene Transfer Using Early Transition Metals and Redox-Active Ligands. Inorganic Chemistry, 2011, 50, 9849-9863.	1.9	152
25	Group IV Coordination Chemistry of a Tetradentate Redox-Active Ligand in Two Oxidation States. European Journal of Inorganic Chemistry, 2009, 2009, 735-743.	1.0	48
26	Reactivity of Diazoalkanes with Tantalum(V) Complexes of a Tridentate Amido-Bis(phenolate) Ligand. Organometallics, 2009, 28, 6629-6631.	1.1	45
27	One- and Two-Electron Reactivity of a Tantalum(V) Complex with a Redox-Active Tris(amido) Ligand. Journal of the American Chemical Society, 2009, 131, 3307-3316.	6.6	121
28	Four-Electron Oxidative Formation of Aryl Diazenes Using a Tantalum Redox-Active Ligand Complex. Angewandte Chemie - International Edition, 2008, 47, 4715-4718.	7.2	148
29	σ -Bonding Interactions Generated by Halogen Oxidation of Zirconium(IV) Redox-Active Ligand Complexes. Journal of the American Chemical Society, 2008, 130, 4364-4374.	6.6	86
30	Group IV Imino-Semiquinone Complexes Obtained by Oxidative Addition of Halogens. Inorganic Chemistry, 2008, 47, 10522-10532.	1.9	75
31	Catalytic Reactivity of a Zirconium(IV) Redox-Active Ligand Complex with 1,2-Diphenylhydrazine. Journal of the American Chemical Society, 2008, 130, 2728-2729.	6.6	147
32	C-C Bond-Forming Reductive Elimination from a Zirconium(IV) Redox-Active Ligand Complex. Journal of the American Chemical Society, 2006, 128, 8410-8411.	6.6	197
33	Azide Addition To Give a Tetra-azazirconacycle Complex. Inorganic Chemistry, 2005, 44, 468-470.	1.9	25
34	σ -Oxidative Addition to a Zirconium(IV) Redox-Active Ligand Complex. Inorganic Chemistry, 2005, 44, 5559-5561.	1.9	159
35	C-H Bond Activation at Pt(II): A Route to Selective Alkane Oxidation?. ACS Symposium Series, 2004, , 250-263.	0.5	15
36	Four-Electron Photochemistry of Dirhodium Fluorophosphine Compounds. Journal of the American Chemical Society, 1999, 121, 5023-5032.	6.6	68