

W Dean Harman

List of Publications by Year in descending order

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1922
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#	ARTICLE	IF	CITATIONS
1	The Activation of Aromatic Molecules with Pentaammineosmium(II). <i>Chemical Reviews</i> , 1997, 97, 1953-1978.	47.7	204
2	In Vitro Metabolism of Tolcapone to Reactive Intermediates: Relevance to Tolcapone Liver Toxicity. <i>Chemical Research in Toxicology</i> , 2003, 16, 123-128.	3.3	137
3	Evaluation of Muscarinic Agonist-Induced Analgesia in Muscarinic Acetylcholine Receptor Knockout Mice. <i>Molecular Pharmacology</i> , 2002, 62, 1084-1093.	2.3	133
4	A New Generation of η^6 -Basic Dearomatization Agents. <i>Organometallics</i> , 2005, 24, 1786-1798.	2.3	133
5	Comparison of the Relative Electron-Donating Abilities of Hydridotris(pyrazolyl)borate and Cyclopentadienyl Ligands: A Different Interactions with Different Transition Metals. <i>Organometallics</i> , 2000, 19, 2428-2432.	2.3	128
6	Group 6 Dihapto-Coordinate Dearomatization Agents for Organic Synthesis. <i>Chemical Reviews</i> , 2017, 117, 13721-13755.	47.7	112
7	Synthetic applications of the dearomatization agent pentaammineosmium(II). <i>Tetrahedron</i> , 2001, 57, 8203-8225.	1.9	85
8	π -Heterocyclic complexes of pentaammineosmium(II) and the metal-induced cycloaddition of pyrrole and maleic anhydride. <i>Journal of the American Chemical Society</i> , 1989, 111, 5969-5970.	13.7	74
9	Isostructural η^2 -dihydrogen complexes $[\text{Os}(\text{NH}_3)_5(\text{H}_2)]_{n+}$ ($n = 2, 3$) and the hydrogenation of acetone. <i>Journal of the American Chemical Society</i> , 1990, 112, 2261-2263.	13.7	72
10	Computational Study of Methane Activation by $\text{TpRe}(\text{CO})_2$ and $\text{CpRe}(\text{CO})_2$ with a Stereoelectronic Comparison of Cyclopentadienyl and Scorpionate Ligands. <i>Organometallics</i> , 2003, 22, 2331-2337.	2.3	71
11	Novel Michael Additions to Phenols Promoted by Osmium(II): Convenient Stereoselective Syntheses of 2,4- and 2,5-Cyclohexadienones. <i>Journal of the American Chemical Society</i> , 1994, 116, 6581-6592.	13.7	67
12	Dearomatization of Benzene, Deamidization of <i>N,N</i> -Dimethylformamide, and a Versatile New Tungsten η^6 Base. <i>Organometallics</i> , 2003, 22, 4364-4366.	2.3	62
13	Substituent effects on η^2 -coordinated arene complexes of pentaammineosmium(II). <i>Journal of the American Chemical Society</i> , 1988, 110, 5725-5731.	13.7	56
14	Dihapto binding of aromatic molecules by η^6 -basic transition metal complexes: development of alternatives to the $\{\text{Os}(\text{NH}_3)_5\}^{2+}$ fragment. <i>Coordination Chemistry Reviews</i> , 2000, 206-207, 3-61.	18.8	55
15	Synthesis, characterization, and reactivity of the (η^2 -acetone)pentaammineosmium(II) complex. <i>Journal of the American Chemical Society</i> , 1986, 108, 8223-8227.	13.7	54
16	The selective hydrogenation of benzene to cyclohexene on pentaammineosmium(II). <i>Journal of the American Chemical Society</i> , 1988, 110, 7906-7907.	13.7	52
17	The Dearomatization of Arenes by Dihapto-Coordination. <i>Topics in Organometallic Chemistry</i> , 2004, , 95-127.	0.7	51
18	Preparation of cyclohexene isotopologues and stereoisotopomers from benzene. <i>Nature</i> , 2020, 581, 288-293.	27.8	49

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19	Redox-promoted linkage isomerizations of aldehydes and ketones on pentaammineosmium. <i>Journal of the American Chemical Society</i> , 1988, 110, 2439-2445.	13.7	47
20	A Facile Diels-Alder Reaction with Benzene: Synthesis of the Bicyclo[2.2.2]octene Skeleton Promoted by Rhenium. <i>Journal of the American Chemical Society</i> , 2001, 123, 10756-10757.	13.7	46
21	The Synthesis of η^2 -Vinylpyrrole Complexes and Their Conversion to Highly Substituted Indoles. <i>Journal of the American Chemical Society</i> , 1996, 118, 7117-7127.	13.7	45
22	A Promising New Dearomatization Agent: Crystal Structure, Synthesis, and Exchange Reactions of the Versatile Complex $\text{TpRe}(\text{CO})(1\text{-methylimidazole})(\eta^2\text{-benzene})$ (Tp = Hydridotris(pyrazolyl)borate). <i>Organometallics</i> , 2001, 20, 1038-1040.	2.3	45
23	Carbon-hydrogen bond activation in novel η^2 -bound cationic heterocycle complexes of pentaammineosmium(II). <i>Journal of the American Chemical Society</i> , 1989, 111, 2896-2900.	13.7	44
24	Preparation of Rhenium(I) and Rhenium(II) Amine Dinitrogen Complexes and the Characterization of an Elongated Dihydrogen Species. <i>Inorganic Chemistry</i> , 1997, 36, 3553-3558.	4.0	44
25	Reactions of $\text{TpRe}(\text{CO})_2(\text{THF})$ with Aromatic Molecules (Tp = Hydridotris(pyrazolyl)borate). <i>Journal of the American Chemical Society</i> , 1998, 120, 8747-8754.	13.7	43
26	Dihapto Coordination of Aromatic Molecules by the Asymmetric η^5 -Bases $\{\text{TpRe}(\text{CO})(\text{L})\}$ (Tp = Tp^*). <i>Journal of the American Chemical Society</i> , 2001, 20, 3661-3671.	2.3	43
27	Stereoselective Dihapto-Binding of Prochiral Aromatic Compounds by $\{\text{TpRe}(\text{CO})(\text{PMe}_3)\}$: Synthesis, Characterization, Stability, and Enantiofacial Discrimination (Tp = Hydrido(tris)pyrazolylborate). <i>Organometallics</i> , 2000, 19, 728-740.	2.3	40
28	Large-Scale Syntheses of Several Synthons to the Dearomatization Agent $\{\text{TpW}(\text{NO})(\text{PMe}_3)\}$ and Convenient Spectroscopic Tools for Product Analysis. <i>Organometallics</i> , 2007, 26, 2791-2794.	2.3	40
29	A η^2 -Azafulvenium and η^3 -Vinylpyrrole Complex of Osmium(II) from an η^2 -Pyrrole and Its Efficient Conversion into a Highly Substituted Indole. <i>Journal of the American Chemical Society</i> , 1994, 116, 7931-7932.	13.7	38
30	Dissociative Nucleophilic Substitution of η^2 -Olefin Complexes via a Novel η^2 -Vinyl Cation Intermediate. <i>Journal of the American Chemical Society</i> , 1996, 118, 5672-5683.	13.7	38
31	Protonation of Unactivated Aromatic Hydrocarbons on Osmium(II): Stabilization of Arenium Cations via Unprecedented η^2 - and η^3 -Coordination. <i>Journal of the American Chemical Society</i> , 1997, 119, 2096-2102.	13.7	38
32	Dearomatization of Furan: Elementary Transformations of η^2 -Coordinated Furan Complexes of Pentaammineosmium(II). <i>Journal of the American Chemical Society</i> , 1998, 120, 509-520.	13.7	38
33	Interfacial and Intrafacial Linkage Isomerizations of Rhenium Complexes with Aromatic Molecules. <i>Journal of the American Chemical Society</i> , 2001, 123, 3541-3550.	13.7	38
34	The Uncommon Reactivity of Dihapto-Coordinated Nitrile, Ketone, and Alkene Ligands When Bound to a Powerful η^5 -Base. <i>Organometallics</i> , 2006, 25, 5051-5058.	2.3	38
35	Facile Intermolecular Aryl-F Bond Cleavage in the Presence of Aryl C-H Bonds: Is the η^2 -Arene Intermediate Bypassed?. <i>Organometallics</i> , 2007, 26, 2589-2597.	2.3	37
36	Asymmetric Dearomatization of η^2 -Arene Complexes: Synthesis of Stereodefined Functionalized Cyclohexenones and Cyclohexenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 2725-2736.	13.7	36

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37	The regio- and stereospecific selective hydrogenation of η^2 -coordinated arenes. <i>Journal of the American Chemical Society</i> , 1990, 112, 2682-2685.	13.7	35
38	Binding and Activation of Aromatic Molecules by a Molybdenum η^5 -Base. <i>Journal of the American Chemical Society</i> , 2003, 125, 2024-2025.	13.7	35
39	Activation of Styrenes toward Diels-Alder Cycloadditions by Osmium(II): Synthesis of Stereodefined Decalin Ring Systems. <i>Journal of the American Chemical Society</i> , 1998, 120, 2218-2226.	13.7	34
40	Electrophile-Promoted Carbon-Sulfur Bond Cleavage in η^2 -Thiophene Complexes of Pentaammineosmium(II). <i>Journal of the American Chemical Society</i> , 1997, 119, 8843-8851.	13.7	33
41	Coordination Chemistry and Properties of Unusually η^5 -Basic Molybdenum Fragments. <i>Organometallics</i> , 2004, 23, 3772-3779.	2.3	33
42	Ligand-Modulated Stereo- and Regioselective Tandem Addition Reactions of Rhenium-Bound Naphthalene. <i>Journal of the American Chemical Society</i> , 2002, 124, 3309-3315.	13.7	32
43	Dearomatization of Naphthalene: Stereoselective <i>cis</i> -1,4 Tandem Additions Promoted by Osmium(II). <i>Journal of the American Chemical Society</i> , 1998, 120, 7835-7840.	13.7	31
44	Tungsten(0) η^2 -Thiophene Complexes: Dearomatization of Thiophene and Its Facile Oxidation, Protonation, and Hydrogenation. <i>Organometallics</i> , 2005, 24, 1876-1885.	2.3	31
45	A novel dearomatization of anilines via complexation to pentaammineosmium(II): synthesis of highly functionalized 1-amino-2-cyclohexenes from anilines. <i>Journal of the American Chemical Society</i> , 1993, 115, 8857-8858.	13.7	30
46	η^2 -Thiophene Complexes of Pentaammineosmium(II) and Their Reversible Protonation To Form Novel η^2 -2H-Thiophenium Species. <i>Organometallics</i> , 1995, 14, 1559-1561.	2.3	30
47	Enantiofacial Discrimination in Dihapto-Coordination of Aromatic Molecules by the Chiral η^5 -Base/ <i>l</i> -Lewis Acid {TpRe(CO)(PMe ₃)}. <i>Journal of the American Chemical Society</i> , 1999, 121, 6499-6500.	13.7	30
48	A New Approach to Promoting Sluggish Diels-Alder Reactions: Dihapto-Coordination of the Diene. <i>Journal of the American Chemical Society</i> , 2006, 128, 1426-1427.	13.7	30
49	Sequential Tandem Addition to a Tungsten-Trifluorotoluene Complex: A Versatile Method for the Preparation of Highly Functionalized Trifluoromethylated Cyclohexenes. <i>Journal of the American Chemical Society</i> , 2017, 139, 11401-11412.	13.7	30
50	Rhenium(I) Terpyridine η^5 -Bases: Reversible η^2 -Coordination of Ketones, Aldehydes, and Olefins in the Terpyridine Plane. <i>Organometallics</i> , 1999, 18, 573-581.	2.3	28
51	Cycloaddition Reactions of Dihapto-Coordinated Furans. <i>Journal of the American Chemical Society</i> , 2002, 124, 7395-7404.	13.7	28
52	Diastereo- and Enantioselective Dearomatization of Rhenium-Bound Naphthalenes. <i>Journal of Organic Chemistry</i> , 2004, 69, 2257-2267.	3.2	28
53	Tungsten(0) and Rhenium(I) η^2 -Pyrrole Complexes: Dearomatization of Pyrroles and Their Facile Isomerizations, Protonations, and Reductions. <i>Organometallics</i> , 2005, 24, 5267-5279.	2.3	28
54	Efficient Synthesis of an η^2 -Pyridine Complex and a Preliminary Investigation of the Bound Heterocycle's Reactivity. <i>Journal of the American Chemical Society</i> , 2008, 130, 16844-16845.	13.7	28

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55	Electrophilic substitutions on η^2 -coordinated arenes: an unprecedented Michael addition for phenol and aniline. <i>Journal of the American Chemical Society</i> , 1991, 113, 8972-8973.	13.7	27
56	Recent Advances in Osmium Chemistry. <i>Advances in Inorganic Chemistry</i> , 1991, 37, 219-379.	1.0	27
57	Sequential Electrophile/Nucleophile Additions for η^2 -Cyclopentadiene Complexes of Osmium(II), Ruthenium(II), and Rhenium(I). <i>Organometallics</i> , 1996, 15, 5447-5449.	2.3	27
58	Polarization of the Pyridine Ring: Highly Functionalized Piperidines from Tungsten π -Pyridine Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 17282-17295.	13.7	27
59	Crystal structure and pyrolysis of decaammine (η^2 : η^6 -benzene)diosmium(4+): evidence for the formation of a stable η^2 : η^6 -arene complex. <i>Inorganic Chemistry</i> , 1990, 29, 567-569.	4.0	25
60	Formation of o-Quinone Methides from η^2 -Coordinated Phenols and Their Controlled Release from a Transition Metal To Generate Chromans. <i>Organometallics</i> , 2003, 22, 4170-4171.	2.3	25
61	Dihapto-Coordinated Amide, Ester, and Aldehyde Complexes and Their Role in Decarbonylation. <i>Organometallics</i> , 2005, 24, 911-919.	2.3	25
62	[4 + 2] Cyclocondensation Reactions of Tungsten π -Dihydropyridine Complexes and the Generation of Tri- and Tetrasubstituted Piperidines. <i>Journal of the American Chemical Society</i> , 2011, 133, 18378-18387.	13.7	24
63	Hyperdistorted Tungsten Allyl Complexes and Their Stereoselective Deprotonation to Form Dihapto-Coordinated Dienes. <i>Organometallics</i> , 2011, 30, 2587-2597.	2.3	24
64	Dearomatization of Anilines by Coordination to Pentaammineosmium(II). <i>Organometallics</i> , 1996, 15, 245-259.	2.3	23
65	Ethylene Rotation in Chiral Octahedral Rhenium(I) Complexes. <i>Organometallics</i> , 2001, 20, 1699-1702.	2.3	23
66	Binding Selectivity of Dihapto-Coordinated Olefins, Ketones, and Aldehydes Utilizing the Asymmetric η^6 -Basic Metal Fragment {TpRe(CO)(1-methylimidazole)} (Tp = Hydridotris(pyrazolyl)borate). <i>Organometallics</i> , 2001, 20, 3876-3883.	2.3	23
67	The Osmium(II)-Promoted [4 + 2] Cycloaddition Reaction of Anisole and N-Methylmaleimide and Characterization of the η^2 -4H-Anisolum Intermediate. <i>Journal of Organic Chemistry</i> , 1994, 59, 6506-6507.	3.2	22
68	Characterization and Isomerization of η^2 -Naphthalene and η^2 -Phenanthrene Complexes of Pentaammineosmium(II). <i>Organometallics</i> , 1997, 16, 3672-3678.	2.3	22
69	Osmium-Promoted Electrophilic Substitution of Anisoles: A Versatile New Method for the Incorporation of Carbon Substituents. <i>Journal of Organic Chemistry</i> , 1997, 62, 130-136.	3.2	22
70	Stereodefined Tandem Addition Reactions of η^2 -Arenes: A Versatile Route to Functionalized Cyclohexenes. <i>Journal of the American Chemical Society</i> , 1998, 120, 6199-6204.	13.7	22
71	Transition Metal-Stabilized Arenium Cations: Protonation of Arenes Dihapto-Coordinated to η^6 -Basic Metal Fragments. <i>Journal of the American Chemical Society</i> , 2004, 126, 6806-6815.	13.7	21
72	Michael Addition Reactions with η^2 -Coordinated Anisoles: Controlling the Stereochemistry of the Para and Benzylic Carbons. <i>Journal of the American Chemical Society</i> , 2004, 126, 15543-15551.	13.7	21

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73	Osmium(II)-, Rhenium(I)-, and Tungsten(0)-Promoted Dipolar Cycloaddition Reactions with Pyrroles: Exploiting the Azomethine Ylide Character of This Heterocycle. <i>Organometallics</i> , 2006, 25, 5067-5075.	2.3	21
74	Enantioenrichment of a Tungsten Dearomatization Agent Utilizing Chiral Acids. <i>Journal of the American Chemical Society</i> , 2015, 137, 3649-3655.	13.7	21
75	Asymmetric Induction in η^2 -Arene Complexes of Pentaammineosmium(II). <i>Journal of the American Chemical Society</i> , 1998, 120, 5637-5642.	13.7	20
76	Methanol Addition to Dihapto-Coordinated Rhenium Complexes of Furan. <i>Journal of the American Chemical Society</i> , 2001, 123, 8967-8973.	13.7	20
77	Strategy for the Resolution of a Chiral Dearomatization Agent: {TpRe(CO)(1-methylimidazole)} Coordination of \pm -Pinene (Tp = Hydridotris(pyrazolyl)borate). <i>Journal of the American Chemical Society</i> , 2002, 124, 15099-15103.	13.7	20
78	Solid-State Induced Control of Kinetically Unstable Stereoisomers. <i>Journal of the American Chemical Society</i> , 2004, 126, 785-789.	13.7	20
79	Stereoselective Umpolung Tandem Addition of Heteroatoms to Phenol. <i>Journal of the American Chemical Society</i> , 2008, 130, 6906-6907.	13.7	20
80	Single and Double Electrophilic Addition Reactions to the Aniline Ring Promoted by a Tungsten η^6 -Base. <i>Organometallics</i> , 2010, 29, 707-709.	2.3	20
81	The Aldol Reaction for 2,3- η^2 -Furan Complexes of Osmium(II): Cyclization across C(2) and C(4) To Form a New Heterocycle. <i>Organometallics</i> , 1995, 14, 2861-2867.	2.3	19
82	Isomerization Dynamics and Control of the η^2 /N Equilibrium for Pyridine Complexes. <i>Journal of the American Chemical Society</i> , 2007, 129, 406-416.	13.7	19
83	Friedel-Crafts Ring-Coupling Reactions Promoted by Tungsten Dearomatization Agent. <i>Organometallics</i> , 2013, 32, 691-703.	2.3	19
84	Highly Functionalized Cyclohexenes Derived from Benzene: Sequential Tandem Addition Reactions Promoted by Tungsten. <i>Journal of Organic Chemistry</i> , 2019, 84, 6094-6116.	3.2	19
85	Activation of Benzylic Carbons in η^2 -Arene Complexes: A Novel and Efficient Synthesis of Functionalized Decalins. <i>Journal of the American Chemical Society</i> , 1998, 120, 6205-6211.	13.7	18
86	Development of Group 6 Dearomatization Agents. <i>Organometallics</i> , 2006, 25, 5184-5187.	2.3	18
87	Common Electrophilic Addition Reactions at the Phenol Ring: The Chemistry of TpW(NO)(PMe ₃)(η^2 -phenol). <i>Organometallics</i> , 2006, 25, 3948-3954.	2.3	18
88	Synthesis of 1-Oxadecalins from Anisole Promoted by Tungsten. <i>Journal of the American Chemical Society</i> , 2008, 130, 12472-12476.	13.7	17
89	Rhenium-Promoted Diastereo- and Enantioselective Cyclopentannulation Reactions: Furans as 1,3-Propene Dipoles. <i>Journal of the American Chemical Society</i> , 2003, 125, 14980-14981.	13.7	16
90	[2+2] Cycloaddition Reactions with a Tungsten-Stabilized η^2 -Phenol. <i>Journal of the American Chemical Society</i> , 2007, 129, 11010-11011.	13.7	16

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91	Stereo- and Regioselective Nucleophilic Addition to Dihapto-Coordinated Pyridine Complexes. <i>Organometallics</i> , 2009, 28, 5682-5690.	2.3	16
92	Epoxidation, Cyclopropanation, and Electrophilic Addition Reactions at the <i>meta</i> Position of Phenol and <i>meta</i> -Cresol. <i>Organometallics</i> , 2010, 29, 4793-4803.	2.3	16
93	Stereoselective Tandem 1,4-Addition Reactions for Benzenes: A Comparison of Os(II), Re(I), and W(0) Systems. <i>Journal of the American Chemical Society</i> , 2004, 126, 13752-13756.	13.7	15
94	Furan [3 + 2] Dipolar Cycloadditions Promoted by a π -Basic Tungsten Metal Fragment. <i>Organometallics</i> , 2006, 25, 435-439.	2.3	15
95	Synthesis of 2-Substituted 1,2-Dihydronaphthalenes and 1,2-Dihydroanthracenes Using a Recyclable Molybdenum Dearomatization Agent. <i>Organometallics</i> , 2015, 34, 3648-3657.	2.3	15
96	The Asymmetric π -Bases $\text{fac}\{-\text{Re}(\text{dien})(\text{PPh}_3)(\text{PF}_3)\}$ and $\text{fac}\{-\text{Re}(\text{dien})(\text{PPh}_3)(\text{CO})\}$: Evidence for Formation of an η^2 -Furan Complex. <i>Organometallics</i> , 1998, 17, 4716-4723.	2.3	14
97	Dihapto Coordination of Carboxylic Acid Derivatives with an Asymmetric Rhenium π -Base: A New Mechanism for Amide Isomerization?. <i>Journal of the American Chemical Society</i> , 2002, 124, 13506-13512.	13.7	14
98	4-(Dimethylamino)pyridine (DMAP) as an Acid-Modulated Donor Ligand for PAH Dearomatization. <i>Organometallics</i> , 2017, 36, 543-555.	2.3	14
99	Rhenium(I) η^2 -Coordinated Furan Complexes: Converting Furan into a 1,3-Carbon Dipole. <i>Organometallics</i> , 2005, 24, 2903-2912.	2.3	13
100	Selectfluor-Mediated Dialkoxylation of Tungsten η^2 -Pyridinium Complexes. <i>Organometallics</i> , 2009, 28, 387-389.	2.3	13
101	Molybdenum(0) Dihapto-Coordination of Benzene and Trifluorotoluene: The Stabilizing and Chemo-Directing Influence of a CF_3 Group. <i>Journal of the American Chemical Society</i> , 2017, 139, 11392-11400.	13.7	13
102	Experiments and Direct Dynamics Simulations That Probe η^2 -Arene/Aryl Hydride Equilibria of Tungsten Benzene Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 16437-16454.	13.7	13
103	Tandem 1,4-Addition Reactions with Benzene and Alkylated Benzenes Promoted by Pentaammineosmium(II). <i>Journal of the American Chemical Society</i> , 2002, 124, 13080-13087.	13.7	12
104	Dearomatization of Naphthalene: Novel Stereoselective Cyclization Reactions Promoted by Osmium(II). <i>Journal of Organic Chemistry</i> , 2000, 65, 1249-1256.	3.2	11
105	Enantioenriched Molybdenum Dearomatization: Dissociative Substitution with Configurational Stability. <i>Organometallics</i> , 2018, 37, 4446-4456.	2.3	11
106	Reversible modulation of the redox characteristics of acid-sensitive molybdenum and tungsten scorpionate complexes. <i>Dalton Transactions</i> , 2018, 47, 6323-6332.	3.3	10
107	Osmium-Mediated Electrophilic Addition Reactions with Selenophene and Activation of the Se-C Bond. <i>Organometallics</i> , 1999, 18, 1559-1561.	2.3	9
108	Computational modeling of complexes of penta-ammine osmium (II) with aromatic ligands. <i>International Journal of Quantum Chemistry</i> , 2003, 92, 457-456.	2.0	9

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109	Stereoselective Aldehyde Addition to Rhenium-Coordinated Furans. <i>Organometallics</i> , 2003, 22, 4966-4972.	2.3	9
110	Stereoelectronic Effects in Dihapto-Coordinated Complexes of TpW(NO)(PMe ₃) and Their Manifestation in Diels-Alder Cycloaddition of Arenes. <i>Organometallics</i> , 2009, 28, 4724-4734.	2.3	9
111	{TpRe(bpy)}: A Novel Pentaaminerhenium System That Stabilizes Both High and Low Oxidation States (Tp) Tj ETQg1 1 0.784314 rgE	4.0	11
112	Michael-Aldol Ring Closures with Dihapto-Coordinated Pyrrole Complexes and the Synthesis of Tetrahydroindole Cores. <i>Organometallics</i> , 2009, 28, 5960-5967.	2.3	8
113	Tungsten-Promoted Pyridine Ring Scission: The Selective Formation of λ^2 -Cyanine and λ^2 -Merocyanine Complexes and Their Derivatives. <i>Organometallics</i> , 2010, 29, 1909-1915.	2.3	8
114	Exploiting the <i>ortho</i> -Quinodimethane Nature of Naphthalene: Cycloaddition Reactions with λ^2 -Coordinated Tungsten-Naphthalene Complexes. <i>Organometallics</i> , 2013, 32, 915-925.	2.3	8
115	Stereoselective Synthesis of <i>trans</i> -Tetrahydroindolines Promoted by a Tungsten Base. <i>Organometallics</i> , 2014, 33, 6286-6289.	2.3	8
116	Tungsten-Mediated Selective Ring Opening of Vinylcyclopropanes. <i>Organometallics</i> , 2014, 33, 267-277.	2.3	8
117	Novel Cyclization Reactions for λ^2 -Furan Complexes. <i>Tetrahedron</i> , 2000, 56, 2313-2323.	1.9	7
118	Tungsten-Promoted Diels-Alder Cycloaddition of Pyridines: Dearomatization of 2,6-Dimethoxypyridine Generates a Potent 2-Azadiene Synthon. <i>Organometallics</i> , 2008, 27, 4513-4522.	2.3	7
119	Synthesis of Novel Hexahydroindoles from the Dearomatization of Indoline. <i>Organometallics</i> , 2016, 35, 370-387.	2.3	7
120	Molybdenum-Promoted Synthesis of Isoquinuclidines with Bridgehead CF ₃ Groups. <i>Journal of the American Chemical Society</i> , 2019, 141, 18890-18899.	13.7	7
121	Discrimination of Enantiofaces and Stereoselective Electrophilic Addition Reactions for λ^2 -Pyrrole Complexes. <i>Organometallics</i> , 2002, 21, 4581-4589.	2.3	6
122	Charge donation to and dearomatization of benzene attending complexation: DFT estimates of binding energies of TpMXO(L) with benzene, for Tp = hydridotris(pyrazolyl) borate, MXO = MoNO, ReCO, and WNO, and L = ammonia, N-methylimidazole, pyridine, phosphine, methyl isocyanide, and carbon monoxide. <i>Journal of Computational Chemistry</i> , 2005, 26, 194-200.	3.3	6
123	Osmium- and Rhenium-Mediated Dearomatization Reactions with Arenes. , 0, , 297-329.		5
124	Molybdenum-Promoted Dearomatization of Pyridines. <i>Organometallics</i> , 2020, 39, 1288-1298.	2.3	5
125	Double Protonation of Amino-Substituted Pyridine and Pyrimidine Tungsten Complexes: Friedel-Crafts-like Coupling to Aromatic Heterocycles. <i>Organometallics</i> , 2014, 33, 5464-5469.	2.3	4
126	Electron-Transfer Chain Catalysis of λ^2 -Arene, λ^2 -Alkene, and λ^2 -Ketone Exchange on Molybdenum. <i>ACS Catalysis</i> , 2019, 9, 11274-11287.	11.2	4

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129	η^2 Coordination of Electron-Deficient Arenes with Group 6 Dearomatization Agents. <i>Organometallics</i> , 2020, 39, 2493-2510.	2.3	3
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