Lisa McElwee-White

List of Publications by Year
in descending order

161 papers	3,294 citations	136950 32 h-index	223800 46 g-index
177 all docs	177 docs citations	177 times ranked	2592 citing authors

#	Article	IF	Citations
1	Photoactivated Ru chemical vapor deposition using (Î·3-allyl)Ru(CO)3X (Xâ€‰=â€‰Cl, Br, I): From molecular adsorption to Ru thin film deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2022, 40, 023404.	2.1	1
2	Nanoscale Ruthenium-Containing Deposits from Ru(CO)₄I₂ via Simultaneous Focused Electron Beam-Induced Deposition and Etching in Ultrahigh Vacuum: Mask Repair in Extreme Ultraviolet Lithography and Beyond. ACS Applied Nano Materials, 2022, 5, 3855-3865.	5.0	2
3	Photochemistry of (Î·⁴-diene)Ru(CO)₃ Complexes as Precursor Candidates for Photoassisted Chemical Vapor Deposition. Organometallics, 2022, 41, 761-775.	2.3	2
4	The Role of Low-Energy Electron Interactions in cis-Pt(CO)2Br2 Fragmentation. International Journal of Molecular Sciences, 2021, 22, 8984.	4.1	5
5	Charged Particle-Induced Surface Reactions of Organometallic Complexes as a Guide to Precursor Design for Electron- and Ion-Induced Deposition of Nanostructures. ACS Applied Materials & Interfaces, 2021, 13, 48333-48348.	8.0	8
6	Efficient NH3-based process to remove chlorine from electron beam deposited ruthenium produced from (Î·3-C3H5)Ru(CO)3Cl. Scientific Reports, 2020, 10, 10901.	3.3	17
7	Photochemistry of 1,5-Cyclooctadiene Platinum Complexes for Photoassisted Chemical Vapor Deposition. Organometallics, 2020, 39, 4565-4574.	2.3	2
8	Electron beam-induced deposition of platinum from Pt(CO)2Cl2 and Pt(CO)2Br2. Beilstein Journal of Nanotechnology, 2020, 11, 1789-1800.	2.8	11
9	Surface Reactions of Low-Energy Argon Ions with Organometallic Precursors. Journal of Physical Chemistry C, 2020, 124, 24795-24808.	3.1	7
10	Low temperature platinum chemical vapor deposition on functionalized self-assembled monolayers. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2020, 38, .	2.1	2
11	Checking in with Women Materials Scientists During a Global Pandemic: May 2020. Chemistry of Materials, 2020, 32, 4859-4862.	6.7	3
12	Precursors for chemical vapor deposition of tungsten oxide and molybdenum oxide. Coordination Chemistry Reviews, 2020, 421, 213459.	18.8	17
13	Identifying and Rationalizing the Differing Surface Reactions of Low-Energy Electrons and Ions with an Organometallic Precursor. Journal of Physical Chemistry Letters, 2020, 11, 2006-2013.	4.6	12
14	Synthesis and Evaluation of Molybdenum Imido-Thiolato Complexes for the Aerosol-Assisted Chemical Vapor Deposition of Nitrogen-Doped Molybdenum Disulfide. Organometallics, 2020, 39, 956-966.	2.3	16
15	Electron-Induced Reactions of Ru(CO)₄I₂: Gas Phase, Surface, and Electron Beam-Induced Deposition. Journal of Physical Chemistry C, 2020, 124, 10593-10604.	3.1	12
16	Dissociation of the FEBID precursor cis-Pt(CO)₂Cl₂ driven by low-energy electrons. Physical Chemistry Chemical Physics, 2020, 22, 6100-6108.	2.8	10
17	In Situ Investigation of the Thermal Decomposition of Cl₄(CH₃CN)W(NⁱPr) During Simulated Chemical Vapor Deposition. European Journal of Inorganic Chemistry, 2019, 2019, 3661-3666.	2.0	3
18	Growth of WOx from Tungsten(VI) Oxo-Fluoroalkoxide Complexes with Partially Fluorinated Î²-Diketonate/Î²-Ketoesterate Ligands: Comparison of Chemical Vapor Deposition to Aerosol-Assisted CVD. ACS Applied Materials & Interfaces, 2019, 11, 28180-28188.	8.0	6

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19	Focused Electron Beam-Induced Deposition and Post-Growth Purification Using the Heteroleptic Ru Complex (Î·3-C3H5)Ru(CO)3Br. ACS Applied Materials & Interfaces, 2019, 11, 28164-28171.	8.0	16
20	Dissociative ionization of the potential focused electron beam induced deposition precursor Ï€-allyl ruthenium(II) tricarbonyl bromide, a combined theoretical and experimental study. European Physical Journal D, 2019, 73, 1.	1.3	8
21	In Situ Investigation of the Thermal Decomposition of Cl 4 (CH 3 CN)W(N i Pr) During Simulated Chemical Vapor Deposition. European Journal of Inorganic Chemistry, 2019, 2019, 3646-3646.	2.0	0
22	Photochemistry of (Î·³-allyl)Ru(CO)₃X Precursors for Photoassisted Chemical Vapor Deposition. Organometallics, 2019, 38, 4363-4370.	2.3	4
23	Synthesis of Î²-ketoiminate and Î²-iminoesterate tungsten (VI) oxo-alkoxide complexes as AACVD precursors for growth of WO thin films. Polyhedron, 2019, 157, 548-557.	2.2	6
24	Bis(Î²-ketoiminate) dioxo tungsten(VI) complexes as precursors for growth of WO by aerosol-assisted chemical vapor deposition. Polyhedron, 2019, 169, 219-227.	2.2	3
25	Design, Synthesis, and Evaluation of CF₃AuCNR Precursors for Focused Electron Beam-Induced Deposition of Gold. ACS Applied Materials & Interfaces, 2019, 11, 11976-11987.	8.0	9
26	Electron induced surface reactions of (Î·⁵-C₅H₅)Fe(CO)₂Mn(CO)₅, a potential heterobimetallic precursor for focused electron beam induced deposition (FEBID). Physical Chemistry Chemical Physics, 2018, 20, 7862-7874.	2.8	21
27	N,N-Disubstituted-Nâ€²-acylthioureas as modular ligands for deposition of transition metal sulfides. Dalton Transactions, 2018, 47, 2719-2726.	3.3	16
28	Low energy electron-induced decomposition of (Î·⁵-Cp)Fe(CO)₂Mn(CO)₅, a potential bimetallic precursor for focused electron beam induced deposition of alloy structures. Physical Chemistry Chemical Physics, 2018, 20, 5644-5656.	2.8	11
29	Synthesis of tungsten oxo fluoroalkoxide complexes WO(OR)3L as precursors for growth of WOx nanomaterials by aerosol-assisted chemical vapor deposition. Solid State Ionics, 2018, 315, 77-84.	2.7	4
30	Synthesis and Characterization of Tungsten Nitrido Amido Guanidinato Complexes as Precursors for Chemical Vapor Deposition of WN x C y Thin Films. European Journal of Inorganic Chemistry, 2018, 2018, 46-53.	2.0	5
31	Mechanism-based design of precursors for focused electron beam-induced deposition. MRS Communications, 2018, 8, 343-357.	1.8	28
32	Photochemical CVD of Ru on functionalized self-assembled monolayers from organometallic precursors. Journal of Chemical Physics, 2017, 146, 052816.	3.0	9
33	Low energy electron-induced decomposition of (Î·³-C₃H₅)Ru(CO)₃Br, a potential focused electron beam induced deposition precursor with a heteroleptic ligand set. Physical Chemistry Chemical Physics, 2017, 19, 13264-13271.	2.8	17
34	Aerosol-assisted chemical vapor deposition of WS₂ from the single source precursor WS(S₂)(S₂CNEt₂)₂. Chemical Communications, 2017, 53, 7728-7731.	4.1	13
35	Halide Effects on the Sublimation Temperature of Xâ€“Auâ€“L Complexes: Implications for Their Use as Precursors in Vapor Phase Deposition Methods. ACS Applied Materials & Interfaces, 2017, 9, 40998-41005.	8.0	17
36	Comparing postdeposition reactions of electrons and radicals with Pt nanostructures created by focused electron beam induced deposition. Beilstein Journal of Nanotechnology, 2017, 8, 2410-2424.	2.8	17

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37	Electron Induced Surface Reactions of cis-Pt(CO)₂Cl₂: A Route to Focused Electron Beam Induced Deposition of Pure Pt Nanostructures. Journal of the American Chemical Society, 2016, 138, 9172-9182.	13.7	36
38	Synthesis and evaluation of Îº²-Î²-diketonate and Î²-ketoesterate tungsten(<scp>vi</scp>) oxo-alkoxide complexes as precursors for chemical vapor deposition of WO_x thin films. Dalton Transactions, 2016, 45, 10897-10908.	3.3	13
39	Surface Plasmon-Mediated Chemical Solution Deposition of Cu Nanoparticle Films. Journal of Physical Chemistry C, 2016, 120, 20775-20780.	3.1	10
40	Tungsten Oxide Film and Nanorods Grown by Aerosol-Assisted Chemical Vapor Deposition Using Îº²-Î²-Diketonate and Î²-Ketoesterate Tungsten (VI) Oxo-Alkoxide Precursors. ECS Journal of Solid State Science and Technology, 2016, 5, Q3095-Q3105.	1.8	6
41	Effect of the Ligand Structure on Chemical Vapor Deposition of WN_xC_y Thin Films from Tungsten Nitrido Complexes of the Type WN(NR₂)₃. Chemistry of Materials, 2015, 27, 8326-8336.	6.7	7
42	Aerosol-Assisted Chemical Vapor Deposition of Tungsten Oxide Films and Nanorods from Oxo Tungsten(VI) Fluoroalkoxide Precursors. ACS Applied Materials & Interfaces, 2015, 7, 2660-2667.	8.0	19
43	Low Temperature Deposition of WN_xC_yDiffusion Barriers Using WN(NEt₂)₃as a Single-Source Precursor. ECS Journal of Solid State Science and Technology, 2015, 4, N3180-N3187.	1.8	3
44	Electron-Induced Surface Reactions of Î·³-Allyl Ruthenium Tricarbonyl Bromide [(Î·³-C₃H₅)Ru(CO)₃Br]: Contrasting the Behavior of Different Ligands. Journal of Physical Chemistry C, 2015, 119, 15349-15359.	3.1	28
45	Solvent Control of Surface Plasmon-Mediated Chemical Deposition of Au Nanoparticles from Alkylgold Phosphine Complexes. ACS Applied Materials & Interfaces, 2015, 7, 13384-13394.	8.0	8
46	Dioxoâ€“Fluoroalkoxide Tungsten(VI) Complexes for Growth of WO_x Thin Films by Aerosol-Assisted Chemical Vapor Deposition. Inorganic Chemistry, 2015, 54, 7536-7547.	4.0	10
47	Understanding the electron-stimulated surface reactions of organometallic complexes to enable design of precursors for electron beam-induced deposition. Applied Physics A: Materials Science and Processing, 2014, 117, 1631-1644.	2.3	42
48	Tungsten Nitrido Complexes as Precursors for Low Temperature Chemical Vapor Deposition of WN_xC_y Films as Diffusion Barriers for Cu Metallization. Journal of the American Chemical Society, 2014, 136, 1650-1662.	13.7	24
49	Partially fluorinated oxo-alkoxide tungsten(<scp>vi</scp>) complexes as precursors for deposition of WO_x nanomaterials. Dalton Transactions, 2014, 43, 9226-9233.	3.3	15
50	Formylation of Amines. Molecules, 2014, 19, 7689-7713.	3.8	124
51	Heterobimetallic Complexes of Polypyridyl Ligands Containing Paramagnetic Centers: Synthesis and Characterization by IR and EPR. Inorganic Chemistry, 2013, 52, 14116-14123.	4.0	7
52	Surface Plasmon Mediated Chemical Solution Deposition of Gold Nanoparticles on a Nanostructured Silver Surface at Room Temperature. Journal of the American Chemical Society, 2013, 135, 38-41.	13.7	60
53	Evaluation of Multisite Polypyridyl Ligands as Platforms for the Synthesis of Rh/Zn, Rh/Pd, and Rh/Pt Heterometallic Complexes. Inorganic Chemistry, 2013, 52, 5692-5701.	4.0	17
54	Experimental and Computational Studies of the Homogeneous Thermal Decomposition of the Tungsten Dimethylhydrazido Complexes Cl₄(RCN)W(NNMe₂). Journal of the Electrochemical Society, 2012, 159, H545-H553.	2.9	4

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55	Oxidative carbonylation of amines to formamides using NaIO4. Chemical Communications, 2012, 48, 11310.	4.1	22
56	Synthesis of WN(NMe₂)₃ as a Precursor for the Deposition of WN_x Nanospheres. European Journal of Inorganic Chemistry, 2012, 2012, 4579-4584.	2.0	22
57	Iron and Ruthenium Heterobimetallic Carbonyl Complexes as Electrocatalysts for Alcohol Oxidation: Electrochemical and Mechanistic Studies. Organometallics, 2011, 30, 5568-5577.	2.3	34
58	Electrochemical oxidation of ethanol using Nafion electrodes modified with heterobimetallic catalysts. Inorganica Chimica Acta, 2011, 369, 159-164.	2.4	4
59	Carbonylation of functionalized diamine diols to cyclic ureas: application to derivatives of DMP 450. Tetrahedron, 2011, 67, 3976-3983.	1.9	22
60	Catalytic Oxidative Carbonylation of Arylamines to Ureas with W(CO)₆/I₂ as Catalyst. European Journal of Organic Chemistry, 2011, 2011, 6261-6268.	2.4	24
61	Deposition of WNxCy from the Tungsten Piperidylhydrazido Complex Cl4(CH3CN)W(N-pip) as a Single-Source Precursor. Journal of the Electrochemical Society, 2011, 158, H618.	2.9	5
62	Analysis of the Homogeneous Thermal Decomposition of the Tungsten Dimethylhydrazido Complex Cl₄(CH₃CN)W(NNMe₂) Using In Situ Raman Spectroscopy and DFT Calculations. ECS Transactions, 2010, 28, 15-26.	0.5	5
63	Synthesis and Electronic Structure of Tetrakis(Î·³-phenylpropargyl)zirconium. Organometallics, 2010, 29, 5252-5256.	2.3	9
64	Dimerization of ethynylaniline to a quinoline derivative using a ruthenium/gold heterobimetallic catalyst. Arkivoc, 2010, 2010, 160-166.	0.5	8
65	Electrochemical Oxidation of Ethanol Using Heterobimetallic Complexes as an Approach to DEFC Catalysts. ECS Meeting Abstracts, 2009, , .	0.0	0
66	Mechanism-Based Design of Precursors for MOCVD. ECS Meeting Abstracts, 2009, , .	0.0	0
67	Chemical vapor deposition of WNxCy using the tungsten piperidylhydrazido complex Cl4(CH3CN)W(N-pip): Deposition, characterization, and diffusion barrier evaluation. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2009, 27, 943-950.	2.1	12
68	Electrochemical Oxidation of Ethanol Using Heterobimetallic Complexes as an Approach to DEFC Catalysts. ECS Transactions, 2009, 19, 13-21.	0.5	5
69	Mechanism-Based Design of Precursors for MOCVD. ECS Transactions, 2009, 25, 161-171.	0.5	19
70	Properties of reactively sputtered Wâ€“Bâ€“N thin film as a diffusion barrier for Cu metallization on Si. Applied Physics A: Materials Science and Processing, 2009, 94, 691-695.	2.3	13
71	Stability of Cu/Ir/Si trilayer structure to moderate annealing. Materials Science in Semiconductor Processing, 2009, 12, 151-155.	4.0	0
72	Deposition of WNxCy thin films for diffusion barrier application using the dimethylhydrazido (2â¯) tungsten complex (CH3CN)Cl4W(NNMe2). Thin Solid Films, 2009, 517, 6038-6045.	1.8	22

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73	Computational study on transamination of alkylamides with NH3 during metalorganic chemical vapor deposition of tantalum nitride. Journal of Crystal Growth, 2009, 311, 3587-3591.	1.5	5
74	Preparation of Hydantoins by Catalytic Oxidative Carbonylation of Î±-Amino Amides. Journal of Organic Chemistry, 2009, 74, 8862-8865.	3.2	40
75	NaIO4-oxidized carbonylation of amines to ureas. Chemical Communications, 2009, , 947.	4.1	19
76	Electrochemical oxidation of methanol using alcohol-soluble Ru/Pt and Ru/Pd catalysts. Inorganica Chimica Acta, 2008, 361, 3237-3246.	2.4	11
77	Synthesis and Characterization of Diorganohydrazido(2â€“) Tungsten Complexes. Inorganic Chemistry, 2008, 47, 4457-4462.	4.0	21
78	Computational Study of the Gas Phase Reactions of Isopropylimido and Allylimido Tungsten Precursors for Chemical Vapor Deposition of Tungsten Carbonitride Films: Implications for the Choice of Carrier Gas. Chemistry of Materials, 2008, 20, 7246-7251.	6.7	21
79	Deposition of WN[sub x]C[sub y] Using the Allylimido Complexes Cl[sub 4](RCN)W(NC[sub 3]H[sub 5]): Effect of NH[sub 3] on Film Properties. Journal of the Electrochemical Society, 2008, 155, H829.	2.9	15
80	Ir â^• Ta N as a bilayer diffusion barrier for advanced Cu interconnects. Applied Physics Letters, 2008, 92, .	3.3	62
81	Comparative study of ZrN and Zrâ€“Geâ€“N thin films as diffusion barriers for Cu metallization on Si. Journal of Vacuum Science & Technology B, 2008, 26, 1723.	1.3	7
82	Deposition of WN[sub x]C[sub y] for diffusion barrier application using the imido guanidinato complex W(N[sup i]Pr)Cl[sub 3][[sup i]PrNC(NMe[sub 2])N[sup i]Pr]. Journal of Vacuum Science & Technology B, 2008, 26, 1800.	1.3	14
83	Properties of Taâ€“Geâ€“(O)N as a diffusion barrier for Cu on Si. Applied Physics Letters, 2007, 90, 051913.	3.3	27
84	Catalysis of the Electrooxidation of Biomass-Derived Alcohol Fuels. ACS Symposium Series, 2007, , 296-310.	0.5	1
85	Electronic Interactions in Iron- and Ruthenium-Containing Heterobimetallic Complexes:Â Structural and Spectroscopic Investigations. Organometallics, 2007, 26, 3085-3093.	2.3	15
86	Transition Metalâ€Catalyzed Oxidative Carbonylation of Amines to Ureas. European Journal of Organic Chemistry, 2007, 2007, 4453-4465.	2.4	128
87	Growth of ZrC thin films by aerosol-assisted MOCVD. Journal of Crystal Growth, 2007, 304, 324-332.	1.5	44
88	Equilibrium analysis of zirconium carbide CVD growth. Journal of Crystal Growth, 2007, 307, 302-308.	1.5	29
89	An N-bridged tritungsten compound for the chemical vapor deposition of WN x thin films. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m2733-m2733.	0.2	0
90	Design of precursors for the CVD of inorganic thin films. Dalton Transactions, 2006, , 5327.	3.3	83

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91	Synthesis and Structural Investigation of Tungsten Imido Amidinate and Guanidinate Complexes. Inorganic Chemistry, 2006, 45, 263-268.	4.0	53
92	Selective Catalytic Oxidative Carbonylation of Amino Alcohols to Ureas. Journal of Organic Chemistry, 2006, 71, 734-738.	3.2	22
93	Homogeneous Decomposition of Aryl- and Alkylimido Precursors for the Chemical Vapor Deposition of Tungsten Nitride:Â A Combined Density Functional Theory and Experimental Study. Journal of the American Chemical Society, 2006, 128, 13781-13788.	13.7	34
94	Electrocatalytic Oxidation of Methanol. ACS Symposium Series, 2006, , 130-142.	0.5	2
95	Investigation of W-Ge-N deposited on Ge as a diffusion barrier for Cu metallization. Applied Physics A: Materials Science and Processing, 2006, 85, 325-329.	2.3	2
96	Comparative study of HfNx and Hfâ€“Geâ€“N copper diffusion barriers on Ge. Journal of Applied Physics, 2006, 100, 063532.	2.5	12
97	Geâˆ•HfNx diffusion barrier for Cu metallization on Si. Applied Physics Letters, 2006, 89, 231914.	3.3	23
98	Thermal and Volumetric Studies of Complex Chemical Hydrides: Li-modified/Ti- doped Mg2FeH6, Sonicated LiNH2/LiH and Zn- doped NaBH4. Materials Research Society Symposia Proceedings, 2005, 885, 1.	0.1	2
99	Selective electrochemical oxidation of methanol to dimethoxymethane using Ru/Sn catalysts. Journal of Molecular Catalysis A, 2005, 227, 113-117.	4.8	24
100	Properties of Wâ€“Geâ€“N as a diffusion barrier material for Cu. Applied Physics Letters, 2005, 87, 111902.	3.3	39
101	Preparation of biotin derivatives by catalytic oxidative carbonylation of diamines. Green Chemistry, 2005, 7, 451.	9.0	9
102	Tungsten Allylimido Complexes Cl4(RCN)W(NC3H5) as Single-Source CVD Precursors for WNxCyThin Films. Correlation of Precursor Fragmentation to Film Properties. Journal of the American Chemical Society, 2005, 127, 7825-7833.	13.7	62
103	Tungsten nitride thin films deposited by MOCVD: sources of carbon and effects on film structure and stoichiometry. Journal of Crystal Growth, 2004, 261, 280-288.	1.5	18
104	Electrochemical oxidation of methanol using dppm-bridged Ru/Pd, Ru/Pt and Ru/Au catalysts. Dalton Transactions, 2004, , 2352.	3.3	17
105	Effect of NH[sub 3] on Film Properties of MOCVD Tungsten Nitride from Cl[sub 4](CH[sub) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.9	31
106	MOCVD of tungsten nitride (WNx) thin films from the imido complex Cl4(CH3CN)W(NiPr). Journal of Crystal Growth, 2003, 249, 262-274.	1.5	54
107	Cl4(PhCN)W(NPh) as a single-source MOCVD precursor for deposition of tungsten nitride (WNx) thin films. Journal of Organometallic Chemistry, 2003, 684, 338-350.	1.8	36
108	Catalytic Carbonylation of Functionalized Diamines:Â Application to the Core Structure of DMP 323 and DMP 450. Journal of Organic Chemistry, 2003, 68, 1615-1617.	3.2	22

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109	Heterobimetallic complexes with dppm-bridged Ru/Pd, Ru/Pt, Ru/Au and Ru/Cu centers. Dalton Transactions, 2003, , 4288.	3.3	22
110	Electrochemical Oxidation of Methanol with Ru/Pd, Ru/Pt, and Ru/Au Heterobimetallic Complexes. Organometallics, 2002, 21, 711-716.	2.3	23
111	Catalytic Oxidative Carbonylation of Primary and Secondary Diamines to Cyclic Ureas. Optimization and Substituent Studies. Journal of Organic Chemistry, 2002, 67, 4086-4092.	3.2	62
112	Catalytic oxidative carbonylation of aliphatic secondary amines to tetrasubstituted ureas. Journal of Molecular Catalysis A, 2000, 159, 11-17.	4.8	39
113	Ligand-centered reactivity of organometallic radicals. Coordination Chemistry Reviews, 2000, 206-207, 469-491.	18.8	74
114	W(CO)6-Catalyzed Oxidative Carbonylation of Primary Amines to N,Nâ€˜-Disubstituted Ureas in Single or Biphasic Solvent Systems. Optimization and Functional Group Compatibility Studies. Journal of Organic Chemistry, 2000, 65, 5216-5222.	3.2	79
115	Bimetallic Pt/Ru Complexes as Catalysts for the Electrooxidation of Methanol. Inorganic Chemistry, 2000, 39, 3942-3944.	4.0	40
116	Effect of Ligand Variation on the Site of Protonation in the Metal Carbynes CpL2Moâ‹®CBu and TpL2Moâ‹®CBu [L = CO, P(OR)3]. Organometallics, 1999, 18, 2262-2266.	2.3	14
117	Photophysics and Photoredox Properties of the Tungsten Carbyne Complex Cp{P(OPh)3}(CO)Wâ‹®CPh. Inorganic Chemistry, 1999, 38, 3254-3257.	4.0	14
118	Catalytic Oxidative Carbonylation of Primary and Secondary Î±,Ï‰-Diamines to Cyclic Ureas. Organic Letters, 1999, 1, 961-964.	4.6	39
119	Formation of Î±,Ï‰-dienes upon photooxidation of alkenyl carbyne complexes. Journal of Organometallic Chemistry, 1998, 554, 13-18.	1.8	7
120	Reaction of the iodo-bridged tungsten(IV) dimer [(PhN)W(CO)2I2]2 with LiOCH3. Polyhedron, 1998, 17, 3477-3484.	2.2	1
121	Oxidative Carbonylation of Primary Amines to Ureas Using Tungsten Carbonyl Catalysts1. Organometallics, 1998, 17, 4037-4041.	2.3	32
122	Oxidation of Metal Carbynes in the Presence of Alkynes. Alkyne Addition vs H-Shift in the Carbene Intermediate. Organometallics, 1998, 17, 4413-4416.	2.3	7
123	Synthesis and Electrochemical Oxidation of Bridged Ruthenium/Platinum Complexes of 1,10-Phenanthroline-5,6-diolate. Inorganic Chemistry, 1997, 36, 5655-5657.	4.0	36
124	Carbonylation of Amines with a Tungsten(IV) Carbonyl Complex. Organometallics, 1997, 16, 3863-3866.	2.3	43
125	Direct Observation of a Hydrogen Abstraction Product upon Photooxidation of a Tungsten Cyclohexenyl Carbyne Complex. Journal of the American Chemical Society, 1997, 119, 4551-4552.	13.7	13
126	Oxidation of the Zwitterion (CO)5WNPhNPhC(OMe)Ph with I2. Formation of Tungsten(IV) Imido Complexes and a Tungsten(VI) Metallacycle. Organometallics, 1996, 15, 424-428.	2.3	9

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127	Photophysics of Tungsten and Molybdenum Arylcarbyne Complexes. Observation of the Lowest Excited State by Laser Flash Photolysis. Inorganic Chemistry, 1996, 35, 7769-7775.	4.0	23
128	Crystal Structure, Reactivity, and Photochemical Properties of the Tungsten(0) Zwitterionic Amido Complex (CO)5WNPhNPhC(OMe)Ph. Organometallics, 1996, 15, 4625-4631.	2.3	8
129	Synthesis and Electrochemistry of Heterobimetallic Ruthenium/Platinum and Molybdenum/Platinum Complexes. Inorganic Chemistry, 1996, 35, 916-922.	4.0	17
130	Organic Products from Oxidation of Metal Carbynes. Synlett, 1996, 1996, 806-814.	1.8	11
131	Reaction of (CO)5W(THF) with triphenylmethyl azide and triptycyl azide. Journal of Organometallic Chemistry, 1995, 485, 123-126.	1.8	6
132	Formation of Olefins Upon Oxidation of Molybdenum Alkyl Carbynes. Organic Radical Reactivity in an Organometallic Radical Cation. Journal of the American Chemical Society, 1995, 117, 6475-6482.	13.7	16
133	Photo-oxidation of metal carbynes. Journal of Photochemistry and Photobiology A: Chemistry, 1994, 80, 265-270.	3.9	3
134	Formation of Pentadienal Complexes upon Protonation of Molybdenum (1-Alkylcyclopropyl)carbynes. Electronic Effects on Reductive Elimination versus .beta.-Hydrogen Elimination in Metallacyclohexenones. Journal of the American Chemical Society, 1994, 116, 8629-8637.	13.7	4
135	Tungsten(IV) Imido Complexes from Oxidation of a Protected Zero-Valent Nitrene Precursor. Journal of the American Chemical Society, 1994, 116, 7419-7420.	13.7	15
136	Formation of 1,3-Diene Complexes upon Protonation of Cyclopropylcarbyne Complexes. Organometallics, 1994, 13, 1635-1640.	2.3	12
137	Electrophilic reactions of zerovalent tungsten nitrene and hydrazido complexes with phosphines. Synthesis and structure of (CO)4W[PPh2CH2PPh2NNMe2-N,P]. Organometallics, 1993, 12, 2440-2444.	2.3	11
138	Formation of cyclohexenones by oxidative cyclization of alkene-functionalized carbyne complexes. Organometallics, 1993, 12, 4493-4498.	2.3	14
139	Regioselective and stereoselective formation of cyclopentenones upon photooxidation of cyclopropyl carbyne complexes. Journal of the American Chemical Society, 1993, 115, 10056-10065.	13.7	20
140	Photooxidation of Metal Carbynes. Advances in Chemistry Series, 1993, , 335-349.	0.6	6
141	Photooxidation of Molybdenum and Tungsten Carbynes. , 1993, , 123-125.		0
142	Stabilization of zero-valent hydrazido complexes by phosphine ligands. Crystal structure of fac-(CO)3(DPPE)W:NNMe2, a nitrene analogue to Fischer carbenes. Journal of the American Chemical Society, 1992, 114, 7041-7047.	13.7	20
143	Reactions of acyl-substituted molybdenum carbyne complexes under photooxidative and thermal conditions. Formation of cyclopentenones and oxymetallacycles. Organometallics, 1992, 11, 3571-3578.	2.3	24
144	Metathesis and diaziridination reactions of (CO)5W=C(OMe)-p-XC6H4 with cis-azobenzene. Electronic and solvent effects. Journal of the American Chemical Society, 1992, 114, 5153-5160.	13.7	27

#	Article	IF	Citations
145	Structure of (benzo[c]cinnoline-N')pentacarbonyltungsten. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 1120-1121.	0.4	3
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