Miguel A Esteruelas

List of Publications by Year
in descending order

408	17,847	15001 68	46524 93
papers	citations	h-index	g-index

423	423	423	5832
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Câ€“Cl Oxidative Addition and Câ€“C Reductive Elimination Reactions in the Context of the Rhodium-Promoted Direct Arylation. Organometallics, 2022, 41, 716-732.	1.1	4
2	Alkynyl Ligands as Building Blocks for the Preparation of Phosphorescent Iridium(III) Emitters: Alternative Synthetic Precursors and Procedures. Inorganic Chemistry, 2022, 61, 9019-9033.	1.9	7
3	Metathesis between Eâ^'C(spⁿ) and Hâ^'C(sp³) Ïƒâ€Bonds (E=Si, Ge; n=2,) Tj ETQq1 1 0.784	7.2	4
4	Silyl-Osmium(IV)-Trihydride Complexes Stabilized by a Pincer Ether-Diphosphine: Formation and Reactions with Alkynes. Organometallics, 2022, 41, 2022-2034.	1.1	2
5	Reactions of POP-pincer rhodium(I)-aryl complexes with small molecules: coordination flexibility of the ether diphosphine. Canadian Journal of Chemistry, 2021, 99, 127-136.	0.6	6
6	Electronic Communication in Binuclear Osmium- and Iridium-Polyhydrides. Inorganic Chemistry, 2021, 60, 2783-2796.	1.9	8
7	Preparation and Degradation of Rhodium and Iridium Diolefin Catalysts for the Acceptorless and Base-Free Dehydrogenation of Secondary Alcohols. Organometallics, 2021, 40, 989-1003.	1.1	7
8	Assembly of a Dihydrideborate and Two Aryl Nitriles to Form a C,N,Nâ€²-Pincer Ligand Coordinated to Osmium. Organometallics, 2021, 40, 635-642.	1.1	4
9	Hydration of Aliphatic Nitriles Catalyzed by an Osmium Polyhydride: Evidence for an Alternative Mechanism. Inorganic Chemistry, 2021, 60, 7284-7296.	1.9	9
10	Repercussion of a 1,3-Hydrogen Shift in a Hydride-Osmium-Allenylidene Complex. Organometallics, 2021, 40, 1523-1537.	1.1	17
11	Pseudo-Tris(heteroleptic) Red Phosphorescent Iridium(III) Complexes Bearing a Dianionic C,N,Câ€²,Nâ€²-Tetradentate Ligand. Inorganic Chemistry, 2021, 60, 11347-11363.	1.9	8
12	Recent Advances in Synthesis of Molecular Heteroleptic Osmium and Iridium Phosphorescent Emitters. European Journal of Inorganic Chemistry, 2021, 2021, 4731-4761.	1.0	23
13	Bromination and Câ€“C Cross-Coupling Reactions for the Câ€“H Functionalization of Iridium(III) Emitters. Organometallics, 2021, 40, 3211-3222.	1.1	6
14	Alternative Conceptual Approach to the Design of Bifunctional Catalysts: An Osmium Germylene System for the Dehydrogenation of Formic Acid. Inorganic Chemistry, 2021, 60, 16860-16870.	1.9	17
15	Azolium Control of the Osmium-Promoted Aromatic Câ€“H Bond Activation in 1,3-Disubstituted Substrates. Organometallics, 2021, 40, 3979-3991.	1.1	2
16	Dissimilarity in the Chemical Behavior of Osmaoxazolium Salts and Osmaoxazoles: Two Different Aromatic Metalladiheterocycles. Organometallics, 2021, 40, 4150-4162.	1.1	9
17	Insertion of Unsaturated Câ€“C Bonds into the Oâ€“H Bond of an Iridium(III)-Hydroxo Complex: Formation of Phosphorescent Emitters with an Asymmetrical Î²-Diketonate Ligand. Inorganic Chemistry, 2020, 59, 15877-15887.	1.9	12
18	Sigma-bond activation reactions induced by unsaturated Os(IV)-hydride complexes. Advances in Organometallic Chemistry, 2020, 74, 53-104.	0.5	6

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19	Dihydroboration of Alkyl Nitriles Catalyzed by an Osmium-Polyhydride: Scope, Kinetics, and Mechanism. Organometallics, 2020, 39, 3864-3872.	1.1	16
20	Kinetic Analysis and Sequencing of Siâ€“H and Câ€“H Bond Activation Reactions: Direct Silylation of Arenes Catalyzed by an Iridium-Polyhydride. Journal of the American Chemical Society, 2020, 142, 19119-19131.	6.6	17
21	Phosphorescent Iridium(III) Complexes with a Dianionic C,Câ€²,N,Nâ€²-Tetradentate Ligand. Inorganic Chemistry, 2020, 59, 12286-12294.	1.9	15
22	A General Rhodium Catalyst for the Deuteration of Boranes and Hydrides of the Group 14 Elements. Journal of Organic Chemistry, 2020, 85, 15693-15698.	1.7	9
23	Direct Câˆ’H Borylation of Arenes Catalyzed by Saturated Hydrideâ€Borylâ€Iridiumâ€POP Complexes: Kinetic Analysis of the Elemental Steps. Chemistry - A European Journal, 2020, 26, 12632-12644.	1.7	18
24	Deacylative Alkylation vs. Photoredox Catalysis in the Synthesis of 3,3'â€Bioxindoles. European Journal of Organic Chemistry, 2020, 2020, 3101-3109.	1.2	7
25	Nâ€“H and Câ€“H Bond Activations of an Isoindoline Promoted by Iridium- and Osmium-Polyhydride Complexes: A Noninnocent Bridge Ligand for Acceptorless and Base-Free Dehydrogenation of Secondary Alcohols. Organometallics, 2020, 39, 2719-2731.	1.1	14
26	Preparation and Photophysical Properties of Bis(tridentate) Iridium(III) Emitters: Pincer Coordination of 2,6-Di(2-pyridyl)phenyl. Inorganic Chemistry, 2020, 59, 3838-3849.	1.9	15
27	Osmium-Promoted Ïƒ-Bond Activation Reactions on Nucleosides. Organometallics, 2020, 39, 312-323.	1.1	20
28	Osmium- and Iridium-Promoted Câ€“H Bond Activation of 2,2â€²-Bipyridines and Related Heterocycles: Kinetic and Thermodynamic Preferences. Organometallics, 2020, 39, 2102-2115.	1.1	19
29	Osmium-Promoted Transformation of Alkyl Nitriles to Secondary Aliphatic Amines: Scope and Mechanism. Organometallics, 2020, 39, 2177-2188.	1.1	15
30	C(sp³)â€“Cl Bond Activation Promoted by a POP-Pincer Rhodium(I) Complex. Organometallics, 2019, 38, 3074-3083.	1.1	14
31	Suzukiâ€“Miyaura Cross-Coupling Reactions for Increasing the Efficiency of Tris-Heteroleptic Iridium(III) Emitters. Organometallics, 2019, 38, 2883-2887.	1.1	18
32	Preparation via a NHC Dimer Complex, Photophysical Properties, and Device Performance of Heteroleptic Bis(tridentate) Iridium(III) Emitters. Organometallics, 2019, 38, 2738-2747.	1.1	27
33	Insertion of Diphenylacetylene into Rhâ€“Hydride and Rhâ€“Boryl Bonds: Influence of the Boryl on the Behavior of the Î²-Borylalkenyl Ligand. Organometallics, 2019, 38, 4183-4192.	1.1	16
34	Influence of the Bite Angle of Dianionic C,N,C-Pincer Ligands on the Chemical and Photophysical Properties of Iridium(III) and Osmium(IV) Hydride Complexes. Organometallics, 2019, 38, 3707-3718.	1.1	24
35	Reduction of Benzonitriles via Osmiumâ€“Azavinylidene Intermediates Bearing Nucleophilic and Electrophilic Centers. Inorganic Chemistry, 2019, 58, 8673-8684.	1.9	15
36	Ruthenium-Catalyzed Oxidative Amidation of Alkynes to Amides. Organic Letters, 2019, 21, 5346-5350.	2.4	28

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37	Iridium-Promoted Bâ€“B Bond Activation: Preparation and X-ray Diffraction Analysis of a mer-Tris(boryl) Complex. Inorganic Chemistry, 2019, 58, 4712-4717.	1.9	20
38	Rhodium-Mediated Dehydrogenative Borylationâ€“Hydroborylation of Bis(alkyl)alkynes: Intermediates and Mechanism. Organometallics, 2019, 38, 2062-2074.	1.1	22
39	Reactions of an Osmium(IV)-Hydroxo Complex with Amino-Boranes: Formation of Boroxide Derivatives. Organometallics, 2019, 38, 310-318.	1.1	17
40	Cycloosmathioborane Compounds: Other Manifestations of the HÃ¼ckel Aromaticity. Inorganic Chemistry, 2019, 58, 2265-2269.	1.9	14
41	Conceptual Extension of the Degradationâ€“Transformation of N-Heterocyclic Carbenes: Unusual Rearrangements on Osmium. Organometallics, 2018, 37, 3412-3424.	1.1	13
42	Tuning the Nature and Formation of Bis(dihydrogen)â€“Osmium Species. Organometallics, 2018, 37, 367-379.	1.1	8
43	Osmium Catalysts for Acceptorless and Base-Free Dehydrogenation of Alcohols and Amines: Unusual Coordination Modes of a BPI Anion. Organometallics, 2018, 37, 603-617.	1.1	33
44	Evidence for a Bis(Elongated Ïƒ)-Dihydrideborate Coordinated to Osmium. Inorganic Chemistry, 2018, 57, 4482-4491.	1.9	33
45	Preparation of Phosphorescent Iridium(III) Complexes with a Dianionic C,C,C,C-Tetradentate Ligand. Inorganic Chemistry, 2018, 57, 3720-3730.	1.9	25
46	Pyridyl-Directed Câ€“H and Câ€“Br Bond Activations Promoted by Dimer Iridium-Olefin Complexes. Organometallics, 2018, 37, 3770-3779.	1.1	14
47	Dehydrogenation of Formic Acid Promoted by a Trihydride-Hydroxo-Osmium(IV) Complex: Kinetics and Mechanism. ACS Catalysis, 2018, 8, 11314-11323.	5.5	40
48	Redox-Assisted Osmium-Promoted Câ€“C Bond Activation of Alkylnitriles. Organometallics, 2018, 37, 2014-2017.	1.1	14
49	Osmium Complexes With POP Pincer Ligands. , 2018, , 341-357.		2
50	Preparation of Tris-Heteroleptic Iridium(III) Complexes Containing a Cyclometalated Aryl-N-Heterocyclic Carbene Ligand. Inorganic Chemistry, 2018, 57, 10744-10760.	1.9	35
51	Base-Free and Acceptorless Dehydrogenation of Alcohols Catalyzed by an Iridium Complex Stabilized by a N,N,N-Osmaligand. Organometallics, 2018, 37, 2732-2740.	1.1	22
52	Î²-Borylalkenyl Zâ€“E Isomerization in Rhodium-Mediated Diboration of Nonfunctionalized Internal Alkynes. Organometallics, 2018, 37, 1970-1978.	1.1	23
53	Formation of Dinuclear Iridium Complexes by NHC-Supported Câ€“H Bond Activation. Organometallics, 2017, 36, 699-707.	1.1	15
54	Elongated Dihydrogen versus Compressed Dihydride in Osmium Complexes. Chemistry - A European Journal, 2017, 23, 1526-1530.	1.7	26

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55	Preparation of Phosphorescent Osmium(IV) Complexes with N,Nâ€², C- and C,N,Câ€²-Pincer Ligands. Organometallics, 2017, 36, 1848-1859.	1.1	34
56	Selective Synthesis and Photophysical Properties of Phosphorescent Heteroleptic Iridium(III) Complexes with Two Different Bidentate Groups and Two Different Monodentate Ligands. Organometallics, 2017, 36, 1743-1755.	1.1	21
57	Elongated Ïƒ-Borane versus Ïƒ-Borane in Pincerâ€“POPâ€“Osmium Complexes. Organometallics, 2017, 36, 2298-2307.	1.1	36
58	mer, fac, and Bidentate Coordination of an Alkyl-POP Ligand in the Chemistry of Nonclassical Osmium Hydrides. Inorganic Chemistry, 2017, 56, 676-683.	1.9	29
59	Î·¹â€Arene Complexes as Intermediates in the Preparation of Molecular Phosphorescent Iridium(III) Complexes. Chemistry - A European Journal, 2017, 23, 15729-15737.	1.7	22
60	Alkenyl-Assisted C³â€“C Bond Activation of Acetylacetonate Coordinated to Iridium. Organometallics, 2017, 36, 4344-4347.	1.1	3
61	Osmium Hydride Acetylacetonate Complexes and Their Application in Acceptorless Dehydrogenative Coupling of Alcohols and Amines and for the Dehydrogenation of Cyclic Amines. Organometallics, 2017, 36, 2996-3004.	1.1	47
62	Selective Câ€“Cl Bond Oxidative Addition of Chloroarenes to a POPâ€“Rhodium Complex. Organometallics, 2017, 36, 114-128.	1.1	33
63	Dehydrogenative Addition of Aldehydes to a Mixed NHC-Osmium-Phosphine Hydroxide Complex: Formation of Carboxylate Derivatives. Organometallics, 2016, 35, 2171-2173.	1.1	16
64	A Capped Octahedral MHC₆ Compound of a Platinum Group Metal. Chemistry - A European Journal, 2016, 22, 9106-9110.	1.7	29
65	Ammonia Borane Dehydrogenation Promoted by a Pincer-Square-Planar Rhodium(I) Monohydride: A Stepwise Hydrogen Transfer from the Substrate to the Catalyst. Inorganic Chemistry, 2016, 55, 7176-7181.	1.9	53
66	Osmium(II) Complexes Containing a Dianionic CCCC-Donor Tetradentate Ligand. Organometallics, 2016, 35, 3981-3995.	1.1	31
67	Osmium-Mediated Direct Câ€“H Bond Activation at the 8-Position of Quinolines. Organometallics, 2016, 35, 1597-1600.	1.1	23
68	Preparation of Capped Octahedral OsHC₆ Complexes by Sequential Carbon-Directed Câ€“H Bond Activation Reactions. Organometallics, 2016, 35, 2532-2542.	1.1	9
69	Square-Planar Alkylidyneâ€“Osmium and Five-Coordinate Alkylideneâ€“Osmium Complexes: Controlling the Transformation from Hydride-Alkylidyne to Alkylidene. Journal of the American Chemical Society, 2016, 138, 9720-9728.	6.6	34
70	Aromatic Osmacyclopropenefuran Bicycles and Their Relevance for the Metalâ€Mediated Hydration of Functionalized Allenes. Angewandte Chemie - International Edition, 2016, 55, 13749-13753.	7.2	54
71	Aromatic Osmacyclopropenefuran Bicycles and Their Relevance for the Metalâ€Mediated Hydration of Functionalized Allenes. Angewandte Chemie, 2016, 128, 13953-13957.	1.6	14
72	Polyhydrides of Platinum Group Metals: Nonclassical Interactions and Ïƒ-Bond Activation Reactions. Chemical Reviews, 2016, 116, 8770-8847.	23.0	102

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73	An Entry to Stable Mixed Phosphineâ€“Osmiumâ€“NHC Polyhydrides. Inorganic Chemistry, 2016, 55, 5062-5070.	1.9	24
74	Amide-Directed Formation of Five-Coordinate Osmium Alkylidenes from Alkynes. Organometallics, 2016, 35, 91-99.	1.1	30
75	Arene Osmium Complexes with Ethacrynic Acid-Modified Ligands: Synthesis, Characterization, and Evaluation of Intracellular Glutathione S-Transferase Inhibition and Antiproliferative Activity. Organometallics, 2016, 35, 1046-1056.	1.1	26
76	Catalytic Cyclization of oâ€Alkynyl Phenethylamines via Osmacyclopropene Intermediates: Direct Access to Dopaminergic 3â€Benzazepines. Angewandte Chemie - International Edition, 2015, 54, 13357-13361.	7.2	39
77	Mechanistic Insight into the Facilitation of Î²â€Lactam Fragmentation through Metal Assistance. Chemistry - A European Journal, 2015, 21, 16781-16785.	1.7	25
78	Boryl-Dihydrideborate Osmium Complexes: Preparation, Structure, and Dynamic Behavior in Solution. Organometallics, 2015, 34, 941-946.	1.1	15
79	Osmium(II)â€“Bis(dihydrogen) Complexes Containing C_{aryl},C_{NHC}â€“Chelate Ligands: Preparation, Bonding Situation, and Acidity. Organometallics, 2015, 34, 778-789.	1.1	34
80	Hydroboration and Hydrogenation of an Osmiumâ€“Carbon Triple Bond: Osmium Chemistry of a Bis-Ïƒ-Borane. Organometallics, 2015, 34, 547-550.	1.1	29
81	An Acyl-NHC Osmium Cooperative System: Coordination of Small Molecules and Heterolytic Bâ€“H and Oâ€“H Bond Activation. Organometallics, 2015, 34, 3902-3908.	1.1	50
82	POPâ€“Rhodium-Promoted Câ€“H and Bâ€“H Bond Activation and Câ€“B Bond Formation. Organometallics, 2015, 34, 1911-1924.	1.1	59
83	Azole Assisted Câ€“H Bond Activation Promoted by an Osmium-Polyhydride: Discerning between N and NH. Organometallics, 2015, 34, 1898-1910.	1.1	29
84	Câ€“H Bond Activation Reactions in Ketones and Aldehydes Promoted by POP-Pincer Osmium and Ruthenium Complexes. Organometallics, 2015, 34, 4908-4921.	1.1	48
85	2-Azetidinones as Precursors of Pincer Ligands: Preparation, Structure, and Spectroscopic Properties of CCâ€²N-Osmium Complexes. Inorganic Chemistry, 2015, 54, 10998-11006.	1.9	30
86	Conclusive Evidence on the Mechanism of the Rhodium-Mediated Decyanative Borylation. Journal of the American Chemical Society, 2015, 137, 12321-12329.	6.6	57
87	Ammonia-Borane Dehydrogenation Promoted by an Osmium Dihydride Complex: Kinetics and Mechanism. ACS Catalysis, 2015, 5, 187-191.	5.5	61
88	Selective meta-Câ€“H Bond Activation of Substituted 1,3-Chlorobenzenes Promoted by an Osmium Pyridyl Complex. Organometallics, 2014, 33, 1851-1858.	1.1	13
89	POPâ€“Pincer Ruthenium Complexes: d⁶ Counterparts of Osmium d⁴ Species. Inorganic Chemistry, 2014, 53, 1195-1209.	1.9	58
90	CCCâ€“Pincerâ€“NHC Osmium Complexes: New Types of Blue-Green Emissive Neutral Compounds for Organic Light-Emitting Devices (OLEDs). Organometallics, 2014, 33, 5582-5596.	1.1	76

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91	Dihydrobiphenylenes through Ruthenium‐Catalyzed [2+2+2] Cycloadditions of ortho‐Alkenylarylacetylenes with Alkynes. Angewandte Chemie - International Edition, 2014, 53, 1841-1844.	7.2	27
92	Chelated Assisted Metal-Mediated N–H Bond Activation of β-Lactams: Preparation of Irida-, Rhoda-, Osma-, and Ruthenatrinems. Organometallics, 2014, 33, 1820-1833.	1.1	32
93	Unprecedented Addition of Tetrahydroborate to an Osmium–Carbon Triple Bond. Organometallics, 2014, 33, 2689-2692.	1.1	17
94	Osmium-Promoted Dehydrogenation of Amine–Boranes and B–H Bond Activation of the Resulting Amino–Boranes. Organometallics, 2014, 33, 1104-1107.	1.1	30
95	Osmium-Acyl Decarbonylation Promoted by Tp-Mediated Allenylidene Abstraction: A New Role of the Tp Ligand. Organometallics, 2014, 33, 4057-4066.	1.1	28
96	Ruthenium Hydroxycarbenes as Key Intermediates in Cycloisomerization and Decarbonylative Cyclization of Terminal Alkynals. Organometallics, 2014, 33, 3474-3480.	1.1	10
97	Hydroosmiation of Allenes and Reductive Elimination of Olefin in Unsaturated Osmium(IV) Polyhydrides: Hydride versus Chloride. Organometallics, 2013, 32, 2567-2575.	1.1	27
98	Osmium Catalyst for the Borrowing Hydrogen Methodology: α-Alkylation of Arylacetonitriles and Methyl Ketones. ACS Catalysis, 2013, 3, 2072-2075.	5.5	142
99	POP-Pincer Silyl Complexes of Group 9: Rhodium versus Iridium. Inorganic Chemistry, 2013, 52, 12108-12119.	1.9	80
100	B–H activation and H–H formation: two consecutive heterolytic processes on an osmium–hydrogensulfide bond. Chemical Communications, 2013, 49, 7543.	2.2	21
101	Perfluoro-tagged rhodium and ruthenium nanoparticles immobilized on silica gel as highly active catalysts for hydrogenation of arenes under mild conditions. New Journal of Chemistry, 2013, 37, 278-282.	1.4	22
102	Xantphos-Type Complexes of Group 9: Rhodium versus Iridium. Inorganic Chemistry, 2013, 52, 5339-5349.	1.9	55
103	Mono- and dinuclear osmium N,N′-di- and tetraphenylbipyridyls and extended bipyridyls. Synthesis, structure and electrochemistry. Dalton Transactions, 2013, 42, 3597.	1.6	15
104	POP-Pincer Osmium-Polyhydrides: Head-to-Head (Z)-Dimerization of Terminal Alkynes. Inorganic Chemistry, 2013, 52, 6199-6213.	1.9	61
105	Osmium Models of Intermediates Involved in Catalytic Reactions of Alkylidenecyclopropanes. Organometallics, 2013, 32, 4851-4861.	1.1	15
106	Cationic Dihydride Boryl and Dihydride Silyl Osmium(IV) NHC Complexes: A Marked Diagonal Relationship. Organometallics, 2013, 32, 2744-2752.	1.1	29
107	Reactions of an Osmium(IV) Complex with Allenedienes: Coordination and Intramolecular Cycloadditions. Organometallics, 2012, 31, 4450-4458.	1.1	19
108	Preparation, Hydrogen Bonds, and Catalytic Activity in Metal-Promoted Addition of Arylboronic Acids to Enones of a Rhodium Complex Containing an NHC Ligand with an Alcohol Function. Organometallics, 2012, 31, 6154-6161.	1.1	31

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109	Nâ€“H and Nâ€“C Bond Activation of Pyrimidinic Nucleobases and Nucleosides Promoted by an Osmium Polyhydride. Inorganic Chemistry, 2012, 51, 5975-5984.	1.9	34
110	Reactions of an Osmium-Hexahydride Complex with Cytosine, Deoxycytidine, and Cytidine: The Importance of the Minor Tautomers. Inorganic Chemistry, 2012, 51, 9522-9528.	1.9	30
111	Anti-Markovnikov 1,3-CH Addition of Allenes to Allenes: A Straightforward Method To Prepare Osmiumâ€“Dienylcarbene Complexes. Organometallics, 2012, 31, 1991-2000.	1.1	23
112	Preparation, Structure, Bonding, and Preliminary Reactivity of a Six-Coordinate d⁴ Osmiumâ€“Boryl Complex. Organometallics, 2012, 31, 4646-4649.	1.1	21
113	Alkenylation of 2-Methylpyridine via Pyridylideneâ€“Osmium Complexes. Organometallics, 2012, 31, 8618-8626.	1.1	21
114	Formation of Osmium-Allylphosphinomethanide Complexes by Coupling of an Isopropenyldiisopropylphosphine and Monosubstituted Allenes. Organometallics, 2012, 31, 440-444.	1.1	12
115	Synthesis and characterisation of [6]-azaosmahelicenes: the first d4-heterometallahelicenes. Chemical Communications, 2012, 48, 5328.	2.2	65
116	Osmium-Centered Oxetylidene: Formation and Cleavage. Organometallics, 2012, 31, 8079-8081.	1.1	11
117	Selective Hydration of Nitriles to Amides Promoted by an Osâ€“NHC Catalyst: Formation and X-ray Characterization of Î²2-Amidate Intermediates. Organometallics, 2012, 31, 6861-6867.	1.1	56
118	Reactions of Osmiumâ€“Pinacolboryl Complexes: Preparation of the First Vinylideneboronate Esters. Organometallics, 2012, 31, 2965-2970.	1.1	27
119	Direct Access to POP-Type Osmium(II) and Osmium(IV) Complexes: Osmium a Promising Alternative to Ruthenium for the Synthesis of Imines from Alcohols and Amines. Organometallics, 2011, 30, 2468-2471.	1.1	129
120	Hydride Alkenylcarbyne Osmium Complexes versus Cyclopentadienyl Type Half-Sandwich Ruthenium Derivatives. Organometallics, 2011, 30, 1930-1941.	1.1	22
121	From Tetrahydroborateâ^' to Aminoborylvinylideneâ^'Osmium Complexes via Alkynylâ^'Aminoboryl Intermediates. Journal of the American Chemical Society, 2011, 133, 2250-2263.	6.6	47
122	Analysis of the Aromaticity of Osmabicycles Analogous to the Benzimidazolium Cation. Organometallics, 2011, 30, 4404-4408.	1.1	19
123	Reactions of an Osmium Bis(dihydrogen) Complex under Ethylene: Phosphine Addition to a Câ€“C Double Bond and Câ€“H Bond Activation of Fluoroarenes. Organometallics, 2011, 30, 5710-5715.	1.1	22
124	Osmium NHC Complexes from Alcohol-Functionalized Imidazoles and Imidazolium Salts. Organometallics, 2011, 30, 1658-1667.	1.1	60
125	Preparation of Half-Sandwich Osmium Complexes by Deprotonation of Aromatic and Pro-aromatic Acids with a Hexahydride BrÃ¸nsted Base. Organometallics, 2011, 30, 3844-3852.	1.1	27
126	Osmiumâ€“carbon multiple bonds: Reduction and Câ€“C coupling reactions. Journal of Organometallic Chemistry, 2011, 696, 3911-3923.	0.8	39

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127	Osmium-Catalyzed Oxidation of Primary Alcohols with Molecular Oxygen. Organometallics, 2011, 30, 6402-6407.	1.1	16
128	Ruthenium-Catalyzed (2 + 2) Intramolecular Cycloaddition of Allenenes. Journal of the American Chemical Society, 2011, 133, 7660-7663.	6.6	87
129	(NHC)Palladium Complexes from Hydroxyâ€Functionalized Imidazolium Salts as Catalyst for the Microwaveâ€Accelerated Fluorineâ€Free Hiyama Reaction. European Journal of Organic Chemistry, 2011, 2011, 7174-7181.	1.2	35
130	Dehydrative Cyclization of Alkynals: Vinylidene Complexes with the C_{Î²} Incorporated into Unsaturated Fiveâ€•or Sixâ€Membered Rings. Angewandte Chemie - International Edition, 2011, 50, 9712-9715.	7.2	23
131	Osmiumâ€Catalyzed 7â€endo Heterocyclization of Aromatic Alkynols into Benzoxepines. Angewandte Chemie - International Edition, 2010, 49, 4278-4281.	7.2	85
132	Osmium(III) Complexes with POP Pincer Ligands: Preparation from Commercially Available OsCl₃Â·3H₂O and Their X-ray Structures. Inorganic Chemistry, 2010, 49, 8665-8667.	1.9	44
133	Efficient Concatenation of Câ•C Reduction, Câˆ’H Bond Activation, and Câˆ’C and Câˆ’N Coupling Reactions on Osmium: Assembly of Two Allylamines and an Allene. Organometallics, 2010, 29, 6298-6307.	1.1	20
134	Redox Isomerization of Allylic Alcohols Catalyzed by Osmium and Ruthenium Complexes Containing a Cyclopentadienyl Ligand with a Pendant Amine or Phosphoramidite Group: X-ray Structure of an Î·3-1-Hydroxyallyl-Metal-Hydride Intermediate. Organometallics, 2010, 29, 2166-2175.	1.1	59
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