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List of Publications by Year
in descending order

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46 papers	1,420 citations	361413 20 h-index	330143 37 g-index
49 all docs	49 docs citations	49 times ranked	1527 citing authors

#	Article	IF	Citations
1	Group 7 and 8 Complexes With Metal Ligand Multiple Bonds in Frustrated Lewis Pairs. , 2021, , 28-44.		0
2	Energy Decomposition Analysis of Lewis Acid/Base Adducts and Frustrated Lewis Pairs: The Use of E_{Orb}/E_{Steric} Ratios as a Reaction Parameter. Inorganic Chemistry, 2021, 60, 13797-13805.	4.0	9
3	Submonomer synthesis of peptoids containing trans-inducing N-imino- and N-alkylamino-glycines. Chemical Science, 2021, 12, 8401-8410.	7.4	16
4	Are all charge-transfer parameters created equally? A study of functional dependence and excited-state charge-transfer quantification across two dye families. Physical Chemistry Chemical Physics, 2021, 23, 20583-20597.	2.8	3
5	Synthesis and Reactivity of Re(III) and Re(V) Fischer Carbenes. Organometallics, 2020, 39, 388-396.	2.3	5
6	Reâ€“Silane complexes as frustrated lewis pairs for catalytic hydrosilylation. Dalton Transactions, 2020, 49, 11403-11411.	3.3	7
7	Identification of key functionalization species in the Cp*Ir(<scp>iii</scp>)-catalyzed-ortho halogenation of benzamides. Dalton Transactions, 2020, 49, 16166-16174.	3.3	6
8	Synthesis and reactivity of nitridorhenium complexes incorporating the mercaptoethylsulfide (SSS) ligand. Dalton Transactions, 2020, 49, 6127-6134.	3.3	2
9	High-valent nitridorhenium(<scp>v</scp>) complexes containing PNP ligands: implications of ligand flexibility. Dalton Transactions, 2018, 47, 758-768.	3.3	16
10	Tuning Catalytic Activity in the Hydrogenation of Unactivated Olefins with Transition-Metal Oxos as the Lewis Base Component of Frustrated Lewis Pairs. ACS Catalysis, 2017, 7, 1170-1180.	11.2	19
11	Dramatic Increase in the Rate of Olefin Insertion by Coordination of Lewis Acids to the Oxo Ligand in Oxorhenium(V) Hydrides. Organometallics, 2017, 36, 2042-2051.	2.3	18
12	Oxorhenium Complexes for Catalytic Hydrosilylation and Hydrolytic Hydrogen Production: A Multiweek Advanced Laboratory Experiment for Undergraduate Students. Journal of Chemical Education, 2017, 94, 790-794.	2.3	4
13	Cationic rhenium(<scp>iii</scp>) complexes: synthesis, characterization, and reactivity for hydrosilylation of aldehydes. Dalton Transactions, 2017, 46, 4609-4616.	3.3	7
14	Effect of the Ancillary Ligand on the Mechanism for CO Migratory Insertion in High-Valent Oxorhenium Complexes. Organometallics, 2016, 35, 3530-3537.	2.3	8
15	Mechanism for the Reaction of CO with Oxorhenium Hydrides: Migratory Insertion of CO into Rhenium Hydride and Formyl Bonds leads to Migration from Rhenium to the Oxo Ligand. Organometallics, 2016, 35, 3060-3068.	2.3	13
16	Reductive Carbonylation of Oxorhenium Hydrides Induced by Lewis Acids. Organometallics, 2016, 35, 2822-2829.	2.3	9
17	Nondirected Câ€“H Activation of Arenes with Cp*Ir(III) Acetate Complexes: An Experimental and Computational Study. Organometallics, 2016, 35, 2435-2445.	2.3	13
18	Transition-Metal Oxos as the Lewis Basic Component of Frustrated Lewis Pairs. Journal of the American Chemical Society, 2016, 138, 4832-4842.	13.7	42

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19	ortho-Câ€“H Activation of Thiobenzoic Acid: Synthesis, Characterization, and Reactivity of Iridium Thiobenzoate Complexes. Organometallics, 2015, 34, 275-279.	2.3	5
20	Synthesis and Reactivity of Oxorhenium(V) Methyl, Benzyl, and Phenyl Complexes with CO: Implications for a Unique Mechanism for Migratory Insertion. Organometallics, 2015, 34, 3152-3158.	2.3	15
21	Oxyfunctionalization with Cp*Ir^{III}(NHC)(Me)(Cl) with O₂: Identification of a Rare Bimetallic Ir^{IV} Î¼-Oxo Intermediate. Journal of the American Chemical Society, 2015, 137, 3574-3584.	13.7	44
22	Oxyfunctionalization with Cp*IrIII(NHC)(Me)L Complexes. Organometallics, 2014, 33, 5081-5084.	2.3	16
23	Effect of Solvent and Ancillary Ligands on the Catalytic H/D Exchange Reactivity of Cp*Ir^{III}(L) Complexes. ACS Catalysis, 2013, 3, 2304-2310.	11.2	42
24	Cp*IrIII-Catalyzed Oxidative Coupling of Benzoic Acids with Alkynes. ACS Catalysis, 2013, 3, 2421-2429.	11.2	125
25	The Electronic Nature of Terminal Oxo Ligands in Transition-Metal Complexes: Ambiphilic Reactivity of Oxorhenium Species. Journal of the American Chemical Society, 2013, 135, 9433-9441.	13.7	46
26	Mechanism of MTO-Catalyzed Deoxydehydration of Diols to Alkenes Using Sacrificial Alcohols. Organometallics, 2013, 32, 3210-3219.	2.3	69
27	Synthesis of Oxorhenium Acetyl and Benzoyl Complexes Incorporating Diamidopyridine Ligands: Implications for the Mechanism of CO Insertion. Organometallics, 2012, 31, 4295-4301.	2.3	20
28	Computational Investigation of the Mechanism for the Activation of CO by Oxorhenium Complexes. Organometallics, 2012, 31, 4055-4062.	2.3	19
29	Role of Low-Valent Rhenium Species in Catalytic Hydrosilylation Reactions with Oxorhenium Catalysts. Organometallics, 2012, 31, 5994-5997.	2.3	30
30	Synthesis of Well-Defined Copper N-Heterocyclic Carbene Complexes and Their Use as Catalysts for a â€œClick Reactionâ€• A Multistep Experiment That Emphasizes the Role of Catalysis in Green Chemistry. Journal of Chemical Education, 2012, 89, 1575-1577.	2.3	28
31	Câ€“H Bond Functionalization of Benzoic Acid: Catalytic Synthesis of 2-Hydroxy-6H-benzo[c]chromen-6-ones Using (Cp*IrCl₂)₂. Organometallics, 2011, 30, 4572-4577.	2.3	52
32	Mechanism for the Activation of Carbon Monoxide via Oxorhenium Complexes. Journal of the American Chemical Society, 2011, 133, 13288-13291.	13.7	28
33	Observation of Inductive Effects That Cause a Change in the Rate-Determining Step for the Conversion of Rhenium Azides to Imido Complexes. Inorganic Chemistry, 2011, 50, 10505-10514.	4.0	16
34	Synthesis and characterization of oxorhenium(v) diamido pyridine complexes that catalyze oxygen atom transfer reactions. Dalton Transactions, 2011, 40, 11815.	3.3	21
35	Effect of Ancillary Ligands and Solvents on H/D Exchange Reactions Catalyzed by Cp*Ir Complexes. Organometallics, 2010, 29, 2857-2867.	2.3	38
36	Synthesis of Oxorhenium(V) Complexes with Diamido Amine Ancillary Ligands and Their Role in Oxygen Atom Transfer Catalysis. Inorganic Chemistry, 2009, 48, 11058-11066.	4.0	23

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37	Catalysis by cationic oxorhenium(v): hydrolysis and alcoholysis of organic silanes. Dalton Transactions, 2009, , 2850.	3.3	82
38	Mechanistic Investigations of the Iridium(III)-Catalyzed Aerobic Oxidation of Primary and Secondary Alcohols. Journal of the American Chemical Society, 2008, 130, 14462-14464.	13.7	74
39	Synthesis of Cationic Rhenium(VII) Oxo Imido Complexes and Their Tunability Towards Oxygen Atom Transfer. Journal of the American Chemical Society, 2007, 129, 1167-1178.	13.7	38
40	Synthesis of Cationic Oxorhenium Salen Complexes via Î¼-Oxo Abstraction and Their Activity in Catalytic Reductions. Inorganic Chemistry, 2006, 45, 2385-2387.	4.0	54
41	Synthesis and Reactivity of Molybdenum Imido Diamido Metallacyclopentenes and Metallacyclopentadienes and the Mechanism of Ethylene Exchange with Metallacyclopentane Complexes. Organometallics, 2006, 25, 1557-1564.	2.3	28
42	Mechanism for Reduction Catalysis by Metal Oxo:â€‰ Hydrosilation of Organic Carbonyl Groups Catalyzed by a Rhenium(V) Oxo Complex. Journal of the American Chemical Society, 2005, 127, 15374-15375.	13.7	113
43	Synthesis and Reactivity of Molybdenum(IV) Complexes with Alkyl and Aryl Isocyanides. Organometallics, 2005, 24, 6310-6318.	2.3	8
44	Hydrogen Production from Hydrolytic Oxidation of Organosilanes Using a Cationic Oxorhenium Catalyst. Journal of the American Chemical Society, 2005, 127, 11938-11939.	13.7	165
45	Synthesis, Structure, and Dynamics of Molybdenum Imido Alkyne Complexes. Organometallics, 2004, 23, 4070-4076.	2.3	11
46	Alkylaluminum-Induced Diamide Transfer from Group 6 Imido Diamido Complexes. Organometallics, 2004, 23, 929-931.	2.3	12