

Moran Feller

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,399
citations

430874

18
h-index

677142

22
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22
all docs

22
docs citations

22
times ranked

1803
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical reactivity under nanoconfinement. <i>Nature Nanotechnology</i> , 2020, 15, 256-271.	31.5	403
2	Catalytic coupling of nitriles with amines to selectively form imines under mild hydrogen pressure. <i>Chemical Communications</i> , 2012, 48, 11853.	4.1	115
3	Reductive Cleavage of CO ₂ by Metal-Ligand-Cooperation Mediated by an Iridium Pincer Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 6445-6454.	13.7	88
4	N-H Activation by Rh(I) via Metal-Ligand Cooperation. <i>Organometallics</i> , 2012, 31, 4083-4101.	2.3	83
5	Cationic, Neutral, and Anionic PNP Pd ^{II} and Pt ^{II} Complexes: Dearomatization by Deprotonation and Double-Deprotonation of Pincer Systems. <i>Inorganic Chemistry</i> , 2010, 49, 1615-1625.	4.0	78
6	Selective sp ³ C-H Activation of Ketones at the Î ² Position by Ir(I). Origin of Regioselectivity and Water Effect. <i>Journal of the American Chemical Society</i> , 2006, 128, 12400-12401.	13.7	66
7	Mononuclear Rh(II) PNP-Type Complexes. Structure and Reactivity. <i>Inorganic Chemistry</i> , 2007, 46, 10479-10490.	4.0	66
8	Hydrogenation and Hydrosilylation of Nitrous Oxide Homogeneously Catalyzed by a Metal Complex. <i>Journal of the American Chemical Society</i> , 2017, 139, 5720-5723.	13.7	57
9	Isoprenoids of the Soft Coral Sarcophyton glaucum: Nyalolide, a New Biscembranoid, and Other Terpenoids. <i>Journal of Natural Products</i> , 2004, 67, 1303-1308.	3.0	52
10	Bottom-Up Construction of a CO ₂ -Based Cycle for the Photocarbonylation of Benzene, Promoted by a Rhodium(I) Pincer Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 9941-9950.	13.7	49
11	Direct Observation of Reductive Elimination of MeX (X = Cl, Br, I) from Rh ^{III} Complexes: Mechanistic Insight and the Importance of Sterics. <i>Journal of the American Chemical Society</i> , 2013, 135, 11040-11047.	13.7	48
12	B-H Bond Cleavage via Metal-Ligand Cooperation by Dearomatized Ruthenium Pincer Complexes. <i>Organometallics</i> , 2014, 33, 3716-3726.	2.3	48
13	Competitive C-H versus C-CN Reductive Elimination from a Rh ^{III} Complex. Selectivity is Controlled by the Solvent. <i>Journal of the American Chemical Society</i> , 2008, 130, 14374-14375.	13.7	42
14	O ₂ Activation by Metal-Ligand Cooperation with IrI PNP Pincer Complexes. <i>Journal of the American Chemical Society</i> , 2015, 137, 4634-4637.	13.7	42
15	Metal-Ligand Cooperation as Key in Formation of Dearomatized Ni ^{II} H Pincer Complexes and in Their Reactivity toward CO and CO ₂ . <i>Organometallics</i> , 2018, 37, 2217-2221.	2.3	39
16	Reversible switching of arylazopyrazole within a metal-organic cage. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2398-2407.	2.2	35
17	Homogeneous Reforming of Aqueous Ethylene Glycol to Glycolic Acid and Pure Hydrogen Catalyzed by Pincer-Ruthenium Complexes Capable of Metal-Ligand Cooperation. <i>Chemistry - A European Journal</i> , 2021, 27, 4715-4722.	3.3	22
18	Iron-catalysed ring-opening metathesis polymerization of olefins and mechanistic studies. <i>Nature Catalysis</i> , 2022, 5, 494-502.	34.4	19

#	ARTICLE	IF	CITATIONS
19	Controlling growth of self-propagating molecular assemblies. <i>Chemical Science</i> , 2012, 3, 66-71.	7.4	18
20	Ternary host-guest complexes with rapid exchange kinetics and photoswitchable fluorescence. <i>Chem</i> , 2022, 8, 2362-2379.	11.7	15
21	CO ₂ activation by metal ⁺ ligand-cooperation mediated by iridium pincer complexes. <i>Journal of Coordination Chemistry</i> , 2018, 71, 1679-1689.	2.2	12
22	Hydrogenation of nitriles and imines for hydrogen storage. <i>Physical Sciences Reviews</i> , 2019, 4, .	0.8	2