Michael Montag

List of Publications by Year
in descending order

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18 papers	655 citations	687363 13 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	724 citing authors

#	Article	IF	Citations
1	Acceptorless dehydrogenative synthesis of primary amides from alcohols and ammonia. Chemical Science, 2022, 13, 3894-3901.	7.4	9
2	Controlled Selectivity through Reversible Inhibition of the Catalyst: Stereodivergent Semihydrogenation of Alkynes. Journal of the American Chemical Society, 2022, 144, 13266-13275.	13.7	14
3	Advances in Catalytic Electrooxidation of Urea: A Review. Energy Technology, 2021, 9, 2100017.	3.8	75
4	Efficient Base-Free Aqueous Reforming of Methanol Homogeneously Catalyzed by Ruthenium Exhibiting a Remarkable Acceleration by Added Catalytic Thiol. Journal of the American Chemical Society, 2021, 143, 17284-17291.	13.7	36
5	Catalytic Oxidative Deamination by Water with H₂ Liberation. Journal of the American Chemical Society, 2020, 142, 20875-20882.	13.7	26
6	syn-(Me,Me)Bimane as a Structural Building Block in Metal Coordination Architectures. Crystal Growth and Design, 2019, 19, 4358-4368.	3.0	6
7	Quenching of syn-bimane fluorescence by Na+ complexation. New Journal of Chemistry, 2018, 42, 15541-15545.	2.8	7
8	syn-Bimane as a chelating O-donor ligand for palladium(ii). Dalton Transactions, 2016, 45, 17123-17131.	3.3	11
9	CO-Induced Methyl Migration in a Rhodium Thiophosphoryl Pincer Complex and Its Comparison with Phosphine-Based Complexes: The Divergent Effects of S and P Donor Ligands. Organometallics, 2013, 32, 7163-7180.	2.3	18
10	Exclusive Câ€“C Oxidative Addition in a Rhodium Thiophosphoryl Pincer Complex and Computational Evidence for an Î·³-Câ€“Câ€“H Agostic Intermediate. Organometallics, 2012, 31, 505-512.	2.3	33
11	Aldehyde Binding through Reversible Câ€“C Coupling with the Pincer Ligand upon Alcohol Dehydrogenation by a PNPâ€“Ruthenium Catalyst. Journal of the American Chemical Society, 2012, 134, 10325-10328.	13.7	132
12	Cyclophosphates as ligands for cobalt(<scp>iii</scp>) in water. Chemical Communications, 2011, 47, 662-664.	4.1	14
13	Effect of CO on the Oxidative Addition of Arene Cï£¿H Bonds by Cationic Rhodium Complexes. Chemistry - A European Journal, 2010, 16, 328-353.	3.3	49
14	The Impact of Weak Cï£¿Hâ‹…â‹…â‹…Rh Interactions on the Structure and Reactivity of transâ€[Rh(CO)₂(phosphine)₂]⁺: An Experimental and Theoretical Examination. Chemistry - A European Journal, 2008, 14, 8183-8194.	3.3	11
15	Solvent-Dependent Interconversions between RhI, RhII, and RhIII Complexes of an Arylâ€“Monophosphine Ligand. Chemistry - A European Journal, 2007, 13, 9043-9055.	3.3	19
16	The Unexpected Role of CO in Cï£¿H Oxidative Addition by a Cationic Rhodium(I) Complex. Angewandte Chemie - International Edition, 2007, 46, 1901-1904.	13.8	62
17	Comparison of Steric and Electronic Requirements for Câˆ'C and Câˆ'H Bond Activation. Chelating vs Nonchelating Case. Journal of the American Chemical Society, 2001, 123, 9064-9077.	13.7	118
18	David Milstein: Shaping Organometallic Catalysis Over Five Decades. ChemistryViews, 0, , .	0.0	0