

Michael Montag

List of Publications by Year in descending order

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687363

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724
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#	ARTICLE	IF	CITATIONS
1	Aldehyde Binding through Reversible C=C Coupling with the Pincer Ligand upon Alcohol Dehydrogenation by a PNP-Ruthenium Catalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 10325-10328.	13.7	132
2	Comparison of Steric and Electronic Requirements for C=C and C-H Bond Activation. Chelating vs Nonchelating Case. <i>Journal of the American Chemical Society</i> , 2001, 123, 9064-9077.	13.7	118
3	Advances in Catalytic Electrooxidation of Urea: A Review. <i>Energy Technology</i> , 2021, 9, 2100017.	3.8	75
4	The Unexpected Role of CO in C-H Oxidative Addition by a Cationic Rhodium(I) Complex. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1901-1904.	13.8	62
5	Effect of CO on the Oxidative Addition of Arene C-H Bonds by Cationic Rhodium Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 328-353.	3.3	49
6	Efficient Base-Free Aqueous Reforming of Methanol Homogeneously Catalyzed by Ruthenium Exhibiting a Remarkable Acceleration by Added Catalytic Thiol. <i>Journal of the American Chemical Society</i> , 2021, 143, 17284-17291.	13.7	36
7	Exclusive C=C Oxidative Addition in a Rhodium Thiophosphoryl Pincer Complex and Computational Evidence for an η^3 -C=C-H Agostic Intermediate. <i>Organometallics</i> , 2012, 31, 505-512.	2.3	33
8	Catalytic Oxidative Deamination by Water with H ₂ Liberation. <i>Journal of the American Chemical Society</i> , 2020, 142, 20875-20882.	13.7	26
9	Solvent-Dependent Interconversions between RhI, RhII, and RhIII Complexes of an Aryl-Monophosphine Ligand. <i>Chemistry - A European Journal</i> , 2007, 13, 9043-9055.	3.3	19
10	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. <i>Organometallics</i> , 2013, 32, 7163-7180.	2.3	18
11	Cyclophosphates as ligands for cobalt(III) in water. <i>Chemical Communications</i> , 2011, 47, 662-664.	4.1	14
12	Controlled Selectivity through Reversible Inhibition of the Catalyst: Stereodivergent Semihydrogenation of Alkynes. <i>Journal of the American Chemical Society</i> , 2022, 144, 13266-13275.	13.7	14
13	The Impact of Weak C-H...Rh Interactions on the Structure and Reactivity of η^2 -[Rh(CO) ₂ (phosphine) ₂] ⁺ : An Experimental and Theoretical Examination. <i>Chemistry - A European Journal</i> , 2008, 14, 8183-8194.	3.3	11
14	syn-Bimane as a chelating O-donor ligand for palladium(II). <i>Dalton Transactions</i> , 2016, 45, 17123-17131.	3.3	11
15	Acceptorless dehydrogenative synthesis of primary amides from alcohols and ammonia. <i>Chemical Science</i> , 2022, 13, 3894-3901.	7.4	9
16	Quenching of syn-bimane fluorescence by Na ⁺ complexation. <i>New Journal of Chemistry</i> , 2018, 42, 15541-15545.	2.8	7
17	syn-(Me,Me)Bimane as a Structural Building Block in Metal Coordination Architectures. <i>Crystal Growth and Design</i> , 2019, 19, 4358-4368.	3.0	6
18	David Milstein: Shaping Organometallic Catalysis Over Five Decades. <i>ChemistryViews</i> , 0, , .	0.0	0