Emilio E Bunel

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12170651/publications.pdf

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14	1,211	687363 13	996975 15
papers	citations	h-index	g-index

17	17	17	2053
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Coping With Extreme Lewis Acidity: Strategies for the Synthesis of Stable, Mononuclear Organometallic Derivatives of Scandium. Synlett, 1990, 1990, 74-84.	1.8	249
2	Heterogeneous nucleation and shape transformation of multicomponent metallicÂnanostructures. Nature Materials, 2015, 14, 215-223.	27.5	187
3	Capping Ligands as Selectivity Switchers in Hydrogenation Reactions. Nano Letters, 2012, 12, 5382-5388.	9.1	146
4	New Catalysts for Suzukiâ^'Miyaura Coupling Reactions of Heteroatom-Substituted Heteroaryl Chlorides. Journal of Organic Chemistry, 2007, 72, 5104-5112.	3.2	141
5	Direct Observation of Reduction of Cu(II) to Cu(I) by Terminal Alkynes. Journal of the American Chemical Society, 2014, 136, 924-926.	13.7	136
6	Cu(II)â€“Cu(I) Synergistic Cooperation to Lead the Alkyne Câ€“H Activation. Journal of the American Chemical Society, 2014, 136, 16760-16763.	13.7	97
7	Iron-Catalyzed Oxidative Câ€“H/Câ€“H Cross-Coupling between Electron-Rich Arenes and Alkenes. Organic Letters, 2015, 17, 2174-2177.	4.6	51
8	Highly Selective Rhodium-Catalyzed Conjugate Addition Reactions of 4-Oxobutenamides. Journal of Organic Chemistry, 2007, 72, 8870-8876.	3.2	49
9	Evidence of Cu^I/Cu^{II} Redox Process by Xâ€ray Absorption and EPR Spectroscopy: Direct Synthesis of Dihydrofurans from Î²â€Ketocarbonyl Derivatives and Olefins. Chemistry - A European Journal, 2015, 21, 18925-18929.	3.3	35
10	Synthesis and characterization of mono-(pentamethylcyclopentadienyl)alkoxyscandium alkyl derivatives, (Î·5-C5Me5)(OR)ScRâ€². Journal of Organometallic Chemistry, 1991, 407, 51-60.	1.8	33
11	Homolytic cleavage of the Oâ€“Cu(<scp>ii</scp>) bond: XAFS and EPR spectroscopy evidence for one electron reduction of Cu(<scp>ii</scp>) to Cu(<scp>i</scp>). Chemical Communications, 2016, 52, 6914-6917.	4.1	25
12	Copper-catalyzed aerobic oxidative coupling: From ketone and diamine to pyrazine. Science Advances, 2015, 1, e1500656.	10.3	24
13	Revealing the halide effect on the kinetics of the aerobic oxidation of Cu(<scp>i</scp>) to Cu(<scp>ii</scp>). Chemical Communications, 2015, 51, 318-321.	4.1	21
14	Aromatic Câ€“H bond cleavage by using a Cu(i) ate-complex. Organic Chemistry Frontiers, 2016, 3, 975-978.	4.5	6