Megan Mohadjer Beromi

List of Publications by Year
in descending order

15	1,028	687220 13	996849 15
papers	citations	h-index	g-index

16	16	16	1392
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Well-defined nickel and palladium precatalysts for cross-coupling. Nature Reviews Chemistry, 2017, 1, .	13.8	331
2	Mechanistic Study of an Improved Ni Precatalyst for Suzukiâ€“Miyaura Reactions of Aryl Sulfamates: Understanding the Role of Ni(I) Species. Journal of the American Chemical Society, 2017, 139, 922-936.	6.6	130
3	Comparison of dppfâ€Supported Nickel Precatalysts for the Suzukiâ€“Miyaura Reaction: The Observation and Activity of Nickel(I). Angewandte Chemie - International Edition, 2015, 54, 13352-13356.	7.2	88
4	Rapidly Activating Pd-Precatalyst for Suzukiâ€“Miyaura and Buchwaldâ€“Hartwig Couplings of Aryl Esters. Journal of Organic Chemistry, 2018, 83, 469-477.	1.7	83
5	Synthesis and Reactivity of Paramagnetic Nickel Polypyridyl Complexes Relevant to C(sp²)â€“C(sp³)Coupling Reactions. Angewandte Chemie - International Edition, 2019, 58, 6094-6098.	7.2	76
6	Nickel(I) Aryl Species: Synthesis, Properties, and Catalytic Activity. ACS Catalysis, 2018, 8, 2526-2533.	5.5	57
7	A highly efficient polymer non-fullerene organic solar cell enhanced by introducing a small molecule as a crystallizing-agent. Materials Today, 2018, 21, 79-87.	8.3	52
8	Iron-catalysed synthesis and chemical recycling of telechelic 1,3-enchained oligocyclobutanes. Nature Chemistry, 2021, 13, 156-162.	6.6	51
9	Structural Analysis of Pyrolytic Lignins Isolated from Switchgrass Fast-Pyrolysis Oil. Energy & Fuels, 2015, 29, 8017-8026.	2.5	37
10	Colorful polymer solar cells employing an energy transfer dye molecule. Nano Energy, 2017, 38, 36-42.	8.2	34
11	Pd-Catalyzed Suzukiâ€“Miyaura and Hiyamaâ€“Denmark Couplings of Aryl Sulfamates. Organic Letters, 2016, 18, 5784-5787.	2.4	26
12	Bis(dialkylphosphino)ferrocene-Ligated Nickel(II) Precatalysts for Suzukiâ€“Miyaura Reactions of Aryl Carbonates. Organometallics, 2019, 38, 3377-3387.	1.1	21
13	Modifications to the Aryl Group of dppf-Ligated Ni Ïƒ-Aryl Precatalysts: Impact on Speciation and Catalytic Activity in Suzukiâ€“Miyaura Coupling Reactions. Organometallics, 2018, 37, 3943-3955.	1.1	20
14	Reductive Elimination from Platinum(IV) Aminotroponiminate Dimethyl Complexes Promoted by Sterically Hindered Lewis Bases. Organometallics, 2013, 32, 1938-1950.	1.1	11
15	Ligand substitution and electronic structure studies of bis(phosphine)cobalt cyclooctadiene precatalysts for alkene hydrogenation. Canadian Journal of Chemistry, 2021, 99, 193-201.	0.6	10