

# Megan Mohadjer Beromi

## List of Publications by Citations

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15  
papers

761  
citations

13  
h-index

16  
g-index

16  
ext. papers

896  
ext. citations

11.8  
avg, IF

4.57  
L-index

#	Paper	IF	Citations
15	Well-defined nickel and palladium precatalysts for cross-coupling. <i>Nature Reviews Chemistry</i> , <b>2017</b> , 1,	34.6	252
14	Mechanistic Study of an Improved Ni Precatalyst for Suzuki-Miyaura Reactions of Aryl Sulfamates: Understanding the Role of Ni(I) Species. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 922-936	16.4	102
13	Comparison of dppf-Supported Nickel Precatalysts for the Suzuki-Miyaura Reaction: The Observation and Activity of Nickel(I). <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 13352-6	16.4	70
12	Rapidly Activating Pd-Precatalyst for Suzuki-Miyaura and Buchwald-Hartwig Couplings of Aryl Esters. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 469-477	4.2	68
11	Synthesis and Reactivity of Paramagnetic Nickel Polypyridyl Complexes Relevant to C(sp <sup>3</sup> )-C(sp <sup>2</sup> ) Coupling Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 6094-6098	16.4	44
10	Nickel(I) Aryl Species: Synthesis, Properties, and Catalytic Activity. <i>ACS Catalysis</i> , <b>2018</b> , 8, 2526-2533	13.1	42
9	A highly efficient polymer non-fullerene organic solar cell enhanced by introducing a small molecule as a crystallizing-agent. <i>Materials Today</i> , <b>2018</b> , 21, 79-87	21.8	41
8	Structural Analysis of Pyrolytic Lignins Isolated from Switchgrass Fast-Pyrolysis Oil. <i>Energy &amp; Fuels</i> , <b>2015</b> , 29, 8017-8026	4.1	35
7	Colorful polymer solar cells employing an energy transfer dye molecule. <i>Nano Energy</i> , <b>2017</b> , 38, 36-42	17.1	29
6	Pd-Catalyzed Suzuki-Miyaura and Hiyama-Denmark Couplings of Aryl Sulfamates. <i>Organic Letters</i> , <b>2016</b> , 18, 5784-5787	6.2	21
5	Bis(dialkylphosphino)ferrocene-Ligated Nickel(II) Precatalysts for Suzuki-Miyaura Reactions of Aryl Carbonates. <i>Organometallics</i> , <b>2019</b> , 38, 3377-3387	3.8	15
4	Modifications to the Aryl Group of dppf-Ligated Ni -Aryl Precatalysts: Impact on Speciation and Catalytic Activity in Suzuki-Miyaura Coupling Reactions. <i>Organometallics</i> , <b>2018</b> , 37, 3943-3955	3.8	15
3	Iron-catalysed synthesis and chemical recycling of telechelic 1,3-enchaind oligocyclobutanes. <i>Nature Chemistry</i> , <b>2021</b> , 13, 156-162	17.6	14
2	Reductive Elimination from Platinum(IV) Aminotroponimate Dimethyl Complexes Promoted by Sterically Hindered Lewis Bases. <i>Organometallics</i> , <b>2013</b> , 32, 1938-1950	3.8	10
1	Ligand Substitution and Electronic Structure Studies of Bis(phosphine)Cobalt Cyclooctadiene Precatalysts for Alkene Hydrogenation. <i>Canadian Journal of Chemistry</i> , <b>2021</b> , 99, 193-201	0.9	2