Monica Rodriguez

List of Publications by Year
in descending order

9 papers	251 citations	1306789 7 h-index	1473754 9 g-index
10 all docs	10 docs citations	10 times ranked	332 citing authors

#	Article	IF	Citations
1	Iron and Manganese Catalysts for the Selective Functionalization of Arene C(sp²)â^'H Bonds by Carbene Insertion. Angewandte Chemie - International Edition, 2016, 55, 6530-6534.	7.2	77
2	Mâ^'O Bonding Beyond the Oxo Wall: Spectroscopy and Reactivity of Cobalt(III)â€Oxyl and Cobalt(III)â€Oxo Complexes. Angewandte Chemie - International Edition, 2019, 58, 9619-9624.	7.2	56
3	Mechanism of the Selective Fe-Catalyzed Arene Carbonâ€"Hydrogen Bond Functionalization. ACS Catalysis, 2018, 8, 4313-4322.	5.5	32
4	Iron and Manganese Catalysts for the Selective Functionalization of Arene C(sp²)â^'H Bonds by Carbene Insertion. Angewandte Chemie, 2016, 128, 6640-6644.	1.6	29
5	Electrophilic Iron Catalyst Paired with a Lithium Cation Enables Selective Functionalization of Nonâ€Activated Aliphatic Câ^'H Bonds via Metallocarbene Intermediates. Angewandte Chemie - International Edition, 2019, 58, 13904-13911.	7.2	23
6	Recent Advances in the Selective Oxidation of Alkyl Câ€"H Bonds Catalyzed by Iron Coordination Complexes. Topics in Current Chemistry, 2015, 372, 27-54.	4.0	14
7	Mâ^'O Bonding Beyond the Oxo Wall: Spectroscopy and Reactivity of Cobalt(III)â€Oxyl and Cobalt(III)â€Oxo Complexes. Angewandte Chemie, 2019, 131, 9721-9726.	1.6	13
8	Ironâ€Catalyzed Intermolecular Functionalization of Nonâ€Activated Aliphatic Câ^'H Bonds via Carbene Transfer. Advanced Synthesis and Catalysis, 2020, 362, 5116-5123.	2.1	5
9	Electrophilic Iron Catalyst Paired with a Lithium Cation Enables Selective Functionalization of Nonâ€Activated Aliphatic Câ^'H Bonds via Metallocarbene Intermediates. Angewandte Chemie, 2019, 131, 14042-14049.	1.6	2