Dmitrii Osadchii

List of Publications by Year
in descending order

10 papers	854 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	1791 citing authors

#	Article	IF	Citations
1	The MOF-driven synthesis of supported palladium clusters with catalytic activity for carbene-mediated chemistry. Nature Materials, 2017, 16, 760-766.	27.5	230
2	Single cobalt sites in mesoporous N-doped carbon matrix for selective catalytic hydrogenation of nitroarenes. Journal of Catalysis, 2018, 357, 20-28.	6.2	208
3	Metal-Organic-Framework-Mediated Nitrogen-Doped Carbon for CO₂ Electrochemical Reduction. ACS Applied Materials & Interfaces, 2018, 10, 14751-14758.	8.0	105
4	Maximizing Ag Utilization in High-Rate CO₂ Electrochemical Reduction with a Coordination Polymer-Mediated Gas Diffusion Electrode. ACS Energy Letters, 2019, 4, 2024-2031.	17.4	85
5	Metalâ€“Organic Framework Mediated Cobalt/Nitrogenâ€Doped Carbon Hybrids as Efficient and Chemoselective Catalysts for the Hydrogenation of Nitroarenes. ChemCatChem, 2017, 9, 1854-1862.	3.7	83
6	Facile Method for the Preparation of Covalent Triazine Framework coated Monoliths as Catalyst Support: Applications in C1 Catalysis. ACS Applied Materials & Interfaces, 2017, 9, 26060-26065.	8.0	41
7	Structure-activity relationships in metal organic framework derived mesoporous nitrogen-doped carbon containing atomically dispersed iron sites for CO2 electrochemical reduction. Journal of Catalysis, 2019, 378, 320-330.	6.2	36
8	High-Performance Polybenzimidazole Membranes for Helium Extraction from Natural Gas. ACS Applied Materials & Interfaces, 2019, 11, 20098-20103.	8.0	36
9	Illuminating the nature and behavior of the active center: the key for photocatalytic H₂production in Co@NH₂-MIL-125(Ti). Journal of Materials Chemistry A, 2018, 6, 17318-17322.	10.3	27
10	Unveiling the Structure Sensitivity for Direct Conversion of Syngas to C2-Oxygenates with a Multicomponent-Promoted Rh Catalyst. Catalysis Letters, 2020, 150, 482-492.	2.6	3