Bin Zhao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2823828/publications.pdf

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12	469	840776 11	1199594 12
papers	citations	h-index	g-index

12	12	12	650
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reactive Template-Derived CoFe/N-Doped Carbon Nanosheets as Highly Efficient Electrocatalysts toward Oxygen Reduction, Oxygen Evolution, and Hydrogen Evolution. ACS Sustainable Chemistry and Engineering, 2019, 7, 15278-15288.	6.7	81
2	Ternary Heterostructural Pt/CNx/Ni as a Supercatalyst for Oxygen Reduction. IScience, 2019, 11, 388-397.	4.1	36
3	Nitrogenâ€Doped Carbon Activated in Situ by Embedded Nickel through the Mottâ€“Schottky Effect for the Oxygen Reduction Reaction. ChemPhysChem, 2017, 18, 3454-3461.	2.1	56
4	Highly stable and controllable CoB/Ni-foam catalysts for hydrogen generation from alkaline NaBH4 solution. International Journal of Hydrogen Energy, 2017, 42, 21063-21072.	7.1	33
5	Study of the electrooxidation of borohydride on a directly formed CoB/Ni-foam electrode and its application in membraneless direct borohydride fuel cells. Journal of Materials Chemistry A, 2017, 5, 15879-15890.	10.3	42
6	An efficient hydrogenation catalyst in sulfuric acid for the conversion of nitrobenzene to p-aminophenol: N-doped carbon with encapsulated molybdenum carbide. Chemical Communications, 2016, 52, 10672-10675.	4.1	24
7	W-modified CoB supported on Ag-activated TiO 2 for hydrogen generation from alkaline NaBH 4 solution. International Journal of Hydrogen Energy, 2015, 40, 6346-6357.	7.1	28
8	CoB supported on Ag-activated TiO2 as a highly active catalyst for hydrolysis of alkaline NaBH4 solution. Energy, 2015, 90, 464-474.	8.8	54
9	Solvent effects in the synthesis of CoB catalysts on hydrogen generation from hydrolysis of sodium borohydride. Chinese Journal of Catalysis, 2013, 34, 979-985.	14.0	39
10	Hydrogenation of p-chloronitrobenzene on Mo, La, Fe, and W-modified NiCoB nanoalloy catalysts. Journal of Non-Crystalline Solids, 2010, 356, 839-847.	3.1	28
11	Hydrogenation of p-Chloronitrobenzene on Tungsten-Modified NiCoB Catalyst. Industrial & Engineering Chemistry Research, 2010, 49, 1669-1676.	3.7	40
12	Cyclodextrin in Artificial Enzyme Model, Rotaxane, and Nano-material Fabrication. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 56, 17-21.	1.6	8