

# Bin Zhao

## List of Publications by Year in descending order

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12  
papers

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840776

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times ranked

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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	Nitrogen-Doped Carbon Activated in Situ by Embedded Nickel through the Mott-Schottky Effect for the Oxygen Reduction Reaction. ChemPhysChem, 2017, 18, 3454-3461.	2.1	56
3	CoB supported on Ag-activated TiO <sub>2</sub> as a highly active catalyst for hydrolysis of alkaline NaBH <sub>4</sub> solution. Energy, 2015, 90, 464-474.	8.8	54
4	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
5	Hydrogenation of <i>p</i> -Chloronitrobenzene on Tungsten-Modified NiCoB Catalyst. Industrial & Engineering Chemistry Research, 2010, 49, 1669-1676.	3.7	40
6	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
7	Ternary Heterostructural Pt/CNx/Ni as a Supercatalyst for Oxygen Reduction. IScience, 2019, 11, 388-397.	4.1	36
8	Highly stable and controllable CoB/Ni-foam catalysts for hydrogen generation from alkaline NaBH <sub>4</sub> solution. International Journal of Hydrogen Energy, 2017, 42, 21063-21072.	7.1	33
9	Hydrogenation of <i>p</i> -chloronitrobenzene on Mo, La, Fe, and W-modified NiCoB nanoalloy catalysts. Journal of Non-Crystalline Solids, 2010, 356, 839-847.	3.1	28
10	W-modified CoB supported on Ag-activated TiO <sub>2</sub> for hydrogen generation from alkaline NaBH <sub>4</sub> solution. International Journal of Hydrogen Energy, 2015, 40, 6346-6357.	7.1	28
11	An efficient hydrogenation catalyst in sulfuric acid for the conversion of nitrobenzene to <i>p</i> -aminophenol: N-doped carbon with encapsulated molybdenum carbide. Chemical Communications, 2016, 52, 10672-10675.	4.1	24
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