Bo Peng

List of Publications by Year
in descending order

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20 papers	1,852 citations	687335 13 h-index	752679 20 g-index
21 all docs	21 docs citations	21 times ranked	3307 citing authors

#	Article	IF	Citations
1	The cooperation effect of Ni and Pt in the hydrogenation of acetic acid. Frontiers of Chemical Science and Engineering, 2022, 16, 397-407.	4.4	6
2	Trail of sulfur during the desulfurization via reactive adsorption on Ni/ZnO. Green Energy and Environment, 2021, 6, 597-606.	8.7	24
3	Development of Ni/ZnO desulfurization adsorbent with high stability: Formation of Zn2SiO4 and the impact from substrate. Chemical Engineering Journal, 2021, 409, 127374.	12.7	9
4	Impact of Zr on the Activity of MoO3/Ce1â^'xZrxO2 Catalysts for Sulfur-Resistant Methanation. Topics in Catalysis, 2021, 64, 582-590.	2.8	1
5	Elucidating the Cooperative Roles of Water and Lewis Acidâ€"Base Pairs in Cascade Câ€"C Coupling and Self-Deoxygenation Reactions. Jacs Au, 2021, 1, 1471-1487.	7.9	5
6	Dehydrogenative aromatization of 1-octene over multifunctional Ni/ZSM-5-P-Fe catalyst. Fuel, 2021, 299, 120890.	6.4	16
7	Enhancement of high-temperature selectivity on Cu-SSZ-13 towards NH3-SCR reaction from highly dispersed ZrO2. Applied Catalysis B: Environmental, 2020, 263, 118359.	20.2	42
8	Efficient Cu catalyst for 5-hydroxymethylfurfural hydrogenolysis by forming Cuâ€"Oâ€"Si bonds. Catalysis Science and Technology, 2020, 10, 7323-7330.	4.1	14
9	Postsynthetic Oxidation of the Coordination Site in a Heterometallic Metalâ€"Organic Framework: Tuning Catalytic Behaviors. Chemistry of Materials, 2020, 32, 5192-5199.	6.7	20
10	Importance of Methane Chemical Potential for Its Conversion to Methanol on Cuâ€exchanged Mordenite. Chemistry - A European Journal, 2020, 26, 7515-7515.	3.3	3
11	Li_xNiO/Ni Heterostructure with Strong Basic Lattice Oxygen Enables Electrocatalytic Hydrogen Evolution with Pt-like Activity. Journal of the American Chemical Society, 2020, 142, 12613-12619.	13.7	103
12	Importance of Methane Chemical Potential for Its Conversion to Methanol on Cuâ€Exchanged Mordenite. Chemistry - A European Journal, 2020, 26, 7563-7567.	3.3	31
13	Role of Active Phase in Fischerâ€"Tropsch Synthesis: Experimental Evidence of CO Activation over Single-Phase Cobalt Catalysts. ACS Catalysis, 2018, 8, 7787-7798.	11.2	110
14	Slow generation of hydrogen sulfide from sulfane sulfurs and NADH models. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 542-545.	2.2	12
15	Activation of surface lattice oxygen in single-atom Pt/CeO ₂ for low-temperature CO oxidation. Science, 2017, 358, 1419-1423.	12.6	1,114
16	Nitrogen Modified Carbon Nano-Materials as Stable Catalysts for Phosgene Synthesis. ACS Catalysis, 2016, 6, 5843-5855.	11.2	36
17	Hydrogen Sulfide Detection Using Nucleophilic Substitutionâ€"Cyclization-Based Fluorescent Probes. Methods in Enzymology, 2015, 554, 47-62.	1.0	10
18	Trapping Hydrogen Sulfide (H₂S) with Diselenides: The Application in the Design of Fluorescent Probes. Organic Letters, 2015, 17, 1541-1544.	4.6	54

#	Article	IF	Citations
19	Fluorescent Probes Based on Nucleophilic Substitutionâ€“Cyclization for Hydrogen Sulfide Detection and Bioimaging. Chemistry - A European Journal, 2014, 20, 1010-1016.	3.3	204
20	Fluorescent Probes for Hydrogen Sulfide Detection. Asian Journal of Organic Chemistry, 2014, 3, 914-924.	2.7	38