Jingfang Sun

List of Publications by Year in descending order

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15 papers	1,108 citations	687363 13 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1275 citing authors

#	Article	IF	Citations
1	Single-Atom Ce-Modified Î±-Fe₂O₃ for Selective Catalytic Reduction of NO with NH₃. Environmental Science & Technology, 2022, 56, 10442-10453.	10.0	52
2	Unraveling the SO₂ Poisoning Effect over the Lifetime of MeO_x (Me =) Tj ETQq0 0 0 rgBT /Overlock 10 with Surface Species. Journal of Physical Chemistry C, 2022, 126, 12168-12177.	3.1	12
3	Unraveling the Roles of Hot Electrons and Cocatalyst toward Broad Spectrum Photocatalytic H₂ Generation of gâ€€₃N₄ Nanotube. Solar Rrl, 2021, 5, 2000504.	5.8	54
4	The effects of dopant on catalytic activity of Pd/mesoporous alumina for toluene oxidation. Research on Chemical Intermediates, 2021, 47, 1239-1251.	2.7	1
5	Unraveling the Roles of Hot Electrons and Cocatalyst toward Broad Spectrum Photocatalytic H₂ Generation of gâ€€₃N₄ Nanotube. Solar Rrl, 2021, 5, 2170063.	5.8	14
6	Lattice-Matched CoP/CoS₂ Heterostructure Cocatalyst to Boost Photocatalytic H₂ Generation. Inorganic Chemistry, 2021, 60, 12506-12516.	4.0	40
7	Relationships between Adsorption Amount of Surface Sulfate and NH₃-SCR Performance over CeO₂. Journal of Physical Chemistry C, 2021, 125, 21964-21974.	3.1	19
8	Crystal-Plane Effects of CeO₂{110} and CeO₂{100} on Photocatalytic CO₂ Reduction: Synergistic Interactions of Oxygen Defects and Hydroxyl Groups. ACS Sustainable Chemistry and Engineering, 2020, 8, 14397-14406.	6.7	80
9	Doping effect of Sm on the TiO₂/CeSmO_x catalyst in the NH₃-SCR reaction: structureâ€“activity relationship, reaction mechanism and SO₂ tolerance. Catalysis Science and Technology, 2019, 9, 3554-3567.	4.1	46
10	Synergistic effects of Cu2O-decorated CeO2 on photocatalytic CO2 reduction: Surface Lewis acid/base and oxygen defect. Applied Catalysis B: Environmental, 2019, 254, 580-586.	20.2	226
11	Selective Catalytic Reduction of NO by NH₃ on CeO₂â€“MO_x (M = Ti, Si, and Al) Dual Composite Catalysts: Impact of Surface Acidity. Industrial & Engineering Chemistry Research, 2018, 57, 490-497.	3.7	31
12	Crystal-plane-dependent metal oxide-support interaction in CeO2/g-C3N4 for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 238, 111-118.	20.2	178
13	Enhanced visible light photocatalytic hydrogen evolution via cubic CeO2 hybridized g-C3N4 composite. Applied Catalysis B: Environmental, 2017, 218, 51-59.	20.2	165
14	Promotional effect of doping SnO₂ into TiO₂ over a CeO₂/TiO₂ catalyst for selective catalytic reduction of NO by NH₃. Catalysis Science and Technology, 2015, 5, 2188-2196.	4.1	103
15	Engineering the NiO/CeO₂ interface to enhance the catalytic performance for CO oxidation. RSC Advances, 2015, 5, 98335-98343.	3.6	87