

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	Synergistic effects of Cu ₂ O-decorated CeO ₂ on photocatalytic CO ₂ reduction: Surface Lewis acid/base and oxygen defect. Applied Catalysis B: Environmental, 2019, 254, 580-586.	20.2	226
2	Crystal-plane-dependent metal oxide-support interaction in CeO ₂ /g-C ₃ N ₄ for photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2018, 238, 111-118.	20.2	178
3	Enhanced visible light photocatalytic hydrogen evolution via cubic CeO ₂ hybridized g-C ₃ N ₄ composite. Applied Catalysis B: Environmental, 2017, 218, 51-59.	20.2	165
4	Promotional effect of doping SnO ₂ into TiO ₂ over a CeO ₂ /TiO ₂ catalyst for selective catalytic reduction of NO by NH ₃ . Catalysis Science and Technology, 2015, 5, 2188-2196.	4.1	103
5	Engineering the NiO/CeO ₂ interface to enhance the catalytic performance for CO oxidation. RSC Advances, 2015, 5, 98335-98343.	3.6	87
6	Crystal-Plane Effects of CeO ₂ {110} and CeO ₂ {100} on Photocatalytic CO ₂ Reduction: Synergistic Interactions of Oxygen Defects and Hydroxyl Groups. ACS Sustainable Chemistry and Engineering, 2020, 8, 14397-14406.	6.7	80
7	Unraveling the Roles of Hot Electrons and Cocatalyst toward Broad Spectrum Photocatalytic H ₂ Generation of g-C ₃ N ₄ Nanotube. Solar Rrl, 2021, 5, 2000504.	5.8	54
8	Single-Atom Ce-Modified Fe ₂ O ₃ for Selective Catalytic Reduction of NO with NH ₃ . Environmental Science & Technology, 2022, 56, 10442-10453.	10.0	52
9	Doping effect of Sm on the TiO ₂ /CeSmO _x catalyst in the NH ₃ -SCR reaction: structure-activity relationship, reaction mechanism and SO ₂ tolerance. Catalysis Science and Technology, 2019, 9, 3554-3567.	4.1	46
10	Lattice-Matched CoP/CoS ₂ Heterostructure Cocatalyst to Boost Photocatalytic H ₂ Generation. Inorganic Chemistry, 2021, 60, 12506-12516.	4.0	40
11	Selective Catalytic Reduction of NO by NH ₃ on CeO ₂ -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	Relationships between Adsorption Amount of Surface Sulfate and NH ₃ -SCR Performance over CeO ₂ . Journal of Physical Chemistry C, 2021, 125, 21964-21974.	3.1	19
13	Unraveling the Roles of Hot Electrons and Cocatalyst toward Broad Spectrum Photocatalytic H ₂ Generation of g-C ₃ N ₄ Nanotube. Solar Rrl, 2021, 5, 2170063.	5.8	14
14	Unraveling the SO ₂ 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
15	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