

Zichen Du

List of Publications by Year in descending order

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12
papers

527
citations

1040056

9
h-index

1281871

11
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12
all docs

12
docs citations

12
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Promoting electrocatalytic CO ₂ reduction on nitrogen-doped carbon with sulfur addition. Applied Catalysis B: Environmental, 2019, 252, 240-249.	20.2	139
2	Atomically Dispersed Iron–Nitrogen Sites on Hierarchically Mesoporous Carbon Nanotube and Graphene Nanoribbon Networks for CO ₂ Reduction. ACS Nano, 2020, 14, 5506-5516.	14.6	125
3	Integrating photocatalysis and thermocatalysis to enable efficient CO ₂ reforming of methane on Pt supported CeO ₂ with Zn doping and atomic layer deposited MgO overcoating. Applied Catalysis B: Environmental, 2020, 260, 118189.	20.2	115
4	One-Step Chemical Vapor Deposition Synthesis of Hierarchical Ni and N Co-Doped Carbon Nanosheet/Nanotube Hybrids for Efficient Electrochemical CO ₂ Reduction at Commercially Viable Current Densities. ACS Catalysis, 2021, 11, 10333-10344.	11.2	32
5	Highly Efficient Nickel, Iron, and Nitrogen Codoped Carbon Catalysts Derived from Industrial Waste Petroleum Coke for Electrochemical CO ₂ Reduction. ACS Sustainable Chemistry and Engineering, 2020, 8, 8840-8847.	6.7	26
6	Porous micropillar structures for retaining low surface tension liquids. Journal of Colloid and Interface Science, 2018, 514, 316-327.	9.4	25
7	Probing the Origin of Photocatalytic Effects in Photothermochemical Dry Reforming of Methane on a Pt/CeO ₂ Catalyst. Journal of Physical Chemistry C, 2021, 125, 18684-18692.	3.1	17
8	Degradation of Hazardous Organics via Cathodic Flow-through Process Using a Spinel FeCo ₂ O ₄ /CNT Decorated Stainless-Steel Mesh. ES Materials & Manufacturing, 2021, , .	1.9	16
9	Syngas production at a near-unity H ₂ /CO ratio from photo-thermo-chemical dry reforming of methane on a Pt decorated Al ₂ O ₃ –CeO ₂ catalyst. Journal of Materials Chemistry A, 2022, 10, 7896-7910.	10.3	15
10	Numerical Investigation of Shape Effect on Microdroplet Evaporation. Journal of Electronic Packaging, Transactions of the ASME, 2019, 141, .	1.8	9
11	Efficient Photothermochemical Dry Reforming of Methane over Ni Supported on ZrO ₂ with CeO ₂ Incorporation. Catalysis Today, 2022, , .	4.4	5
12	Numerical Investigation of Shape Effect on Microdroplet Evaporation. , 2018, , .		3