

Denglei Gao

List of Publications by Year in descending order

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15
papers

888
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840776

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15
times ranked

1514
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomic Co/Ni dual sites and Co/Ni alloy nanoparticles in N-doped porous Janus-like carbon frameworks for bifunctional oxygen electrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2019, 240, 112-121.	20.2	334
2	Carbon Nitride Supramolecular Hybrid Material Enabled High-Efficiency Photocatalytic Water Treatments. <i>Nano Letters</i> , 2016, 16, 6568-6575.	9.1	108
3	Polyoxometalate-assisted formation of CoSe/MoSe ₂ heterostructures with enhanced oxygen evolution activity. <i>Journal of Materials Chemistry A</i> , 2019, 7, 3317-3326.	10.3	94
4	Cobalt Single Atoms Immobilized N-Doped Carbon Nanotubes for Enhanced Bifunctional Catalysis toward Oxygen Reduction and Oxygen Evolution Reactions. <i>ACS Applied Energy Materials</i> , 2018, 1, 3283-3291.	5.1	90
5	Facile synthesis of a bismuth nanostructure with enhanced selectivity for electrochemical conversion of CO ₂ to formate. <i>Nanoscale</i> , 2019, 11, 7805-7812.	5.6	80
6	Promotion of CO ₂ methanation at low temperature over hydrotalcite-derived catalysts-effect of the tunable metal species and basicity. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 518-530.	7.1	37
7	Support effect boosting the electrocatalytic N ₂ reduction activity of Ni ₂ P/N,P-codoped carbon nanosheet hybrids. <i>Journal of Materials Chemistry A</i> , 2020, 8, 2691-2700.	10.3	32
8	Monolayered Ru ₁ /TiO ₂ nanosheet enables efficient visible-light-driven hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2020, 271, 118925.	20.2	30
9	sp ² /sp ³ Hybridized Carbon as an Anode with Extra Li-Ion Storage Capacity: Construction and Origin. <i>ACS Central Science</i> , 2020, 6, 1451-1459.	11.3	22
10	Manganese Doping in Cobalt Oxide Nanorods Promotes Catalytic Dehydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5734-5741.	6.7	19
11	First-principles study on screening doped TiO ₂ (B) as an anode material with high conductivity and low lithium transport resistance for lithium-ion batteries. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17985-17992.	2.8	12
12	Orbital-scale understanding on high-selective hydrogenation of acetylene over Pt ₁ -Cu(1 1 1) catalyst. <i>Chemical Engineering Science</i> , 2021, 240, 116664.	3.8	12
13	Iron/nickel nano-alloy encapsulated in nitrogen-doped carbon framework for CO ₂ electrochemical conversion with prominent CO selectivity. <i>Journal of Power Sources</i> , 2020, 449, 227496.	7.8	10
14	Spin transport properties of 1,4,5,8-naphthalenetetracarboxylic dianhydride based molecular devices. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 24650-24658.	2.8	4
15	Engineering Tetrahedral Co ²⁺ -Exposed Co ₃ O ₄ Nanosheets toward Highly Efficient Styrene Epoxidation. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 15106-15114.	3.7	4