

Chen Guo

List of Publications by Year in descending order

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15
papers

482
citations

932766

10
h-index

996533

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all docs

15
docs citations

15
times ranked

723
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical CO ₂ Reduction to C ₁ Products on Single Nickel/Cobalt/Iron-Doped Graphitic Carbon Nitride: A DFT Study. <i>ChemSusChem</i> , 2019, 12, 5126-5132.	3.6	81
2	Initial Reduction of CO ₂ on Pd-, Ru-, and Cu-Doped CeO ₂ (111) Surfaces: Effects of Surface Modification on Catalytic Activity and Selectivity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26107-26117.	4.0	61
3	One-Step Synthesis of Mixed Lanthanide Metal-Organic Framework Films for Sensitive Temperature Mapping. <i>Advanced Optical Materials</i> , 2019, 7, 1900336.	3.6	60
4	Methanol Oxidation on Pt ₃ Sn(111) for Direct Methanol Fuel Cells: Methanol Decomposition. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 12194-12204.	4.0	52
5	Single transition metal atoms on nitrogen-doped carbon for CO ₂ electrocatalytic reduction: CO production or further CO reduction?. <i>Applied Surface Science</i> , 2020, 533, 147466.	3.1	47
6	Activity origin and design principles for atomic vanadium anchoring on phosphorene monolayer for nitrogen reduction reaction. <i>Nano Research</i> , 2020, 13, 2925-2932.	5.8	39
7	Initial reduction of CO ₂ on perfect and O-defective CeO ₂ (111) surfaces: towards CO or COOH?. <i>RSC Advances</i> , 2015, 5, 97528-97535.	1.7	36
8	Design of Fe,N co-doped multi-walled carbon nanotubes for efficient oxygen reduction. <i>Chemical Communications</i> , 2020, 56, 14467-14470.	2.2	24
9	Theoretical investigation on the hydrogen evolution reaction mechanism at MoS ₂ heterostructures: the essential role of the 1T/2H phase interface. <i>Catalysis Science and Technology</i> , 2020, 10, 458-465.	2.1	19
10	Adsorption of SF ₆ Decomposed Species on Ti ₃ C ₂ O ₂ and Ti ₃ C ₂ F ₂ with Point Defects by DFT Study. <i>Advanced Theory and Simulations</i> , 2021, 4, 2100074.	1.3	16
11	Enhanced Thermoelectric Performance of Bulk Bismuth Selenide: Synergistic Effect of Indium and Antimony Co-doping. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3862-3871.	3.2	12
12	Impact of diverse active sites on MoS ₂ catalyst: Competition on active site formation and selectivity of thiophene hydrodesulfurization reaction. <i>Molecular Catalysis</i> , 2019, 463, 67-76.	1.0	11
13	Ultralow Thermal Conductivity in Dual-Doped n-Type Bi ₂ Te ₃ Material for Enhanced Thermoelectric Properties. <i>Advanced Electronic Materials</i> , 2021, 7, 2000910.	2.6	11
14	Rational Design and Effective Control of Gold-Based Bimetallic Electrocatalyst for Boosting CO ₂ Reduction Reaction: A First-Principles Study. <i>ChemSusChem</i> , 2021, 14, 2731-2739.	3.6	9
15	Self-Assembly Silver Nanoparticles Decorated on Gold Nanoislands for Label-Free Localized Surface Plasmon Resonance Biosensing. <i>Advanced Materials Interfaces</i> , 2022, 9, .	1.9	4