

Kaushik Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

971
citations

567281

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h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1110
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-Hydrophilic Hierarchical Ni-Foam-Graphene-Carbon Nanotubes-Ni ₂ P@CuP ₂ Nano-Architecture as Efficient Electrocatalyst for Overall Water Splitting. ACS Nano, 2021, 15, 5586-5599.	14.6	216
2	Tailoring the field emission property of nitrogen-doped carbon nanotubes by controlling the graphitic/pyridinic substitution. Carbon, 2010, 48, 191-200.	10.3	122
3	Chitosan-Graphene Oxide Hydrogels with Embedded Magnetic Iron Oxide Nanoparticles for Dye Removal. ACS Applied Nano Materials, 2019, 2, 7379-7392.	5.0	103
4	3D@G Graphene Decorated with g-C ₃ N ₄ /Cu ₃ P Composite: A Noble Metal-free Bifunctional Electrocatalyst for Overall Water Splitting. ChemCatChem, 2020, 12, 1394-1402.	3.7	71
5	Modified surfaces using seamless graphene/carbon nanotubes based nanostructures for enhancing pool boiling heat transfer. Experimental Thermal and Fluid Science, 2018, 96, 493-506.	2.7	58
6	Three-dimensional Graphene with MoS ₂ Nanohybrid as Potential Energy Storage/Transfer Device. Scientific Reports, 2017, 7, 9458.	3.3	53
7	Bimetallic Phosphides for Hybrid Supercapacitors. Journal of Physical Chemistry Letters, 2021, 12, 5138-5149.	4.6	42
8	Super-Hydrophilic Leaflike Sn ₄ P ₃ on the Porous Seamless Graphene@Carbon Nanotube Heterostructure as an Efficient Electrocatalyst for Solar-Driven Overall Water Splitting. ACS Nano, 2022, 16, 4861-4875.	14.6	41
9	Catalytic synthesis of benzimidazoles and organic carbamates using a polymer supported zinc catalyst through CO ₂ fixation. New Journal of Chemistry, 2019, 43, 14643-14652.	2.8	37
10	Linear piezoresistive strain sensor based on graphene/g-C ₃ N ₄ /PDMS heterostructure. Nanotechnology, 2020, 31, 295501.	2.6	35
11	In-Situ Growth of Urchin Manganese Sulfide Anchored Three-Dimensional Graphene (I ³ -MnS@3DG) on Carbon Cloth as a Flexible Asymmetric Supercapacitor. Journal of Physical Chemistry Letters, 2021, 12, 6574-6581.	4.6	29
12	Study of field emission properties of pure graphene-CNT heterostructures connected via seamless interface. Nanotechnology, 2019, 30, 385702.	2.6	27
13	Three-Dimensional Graphene-Decorated Copper-Phosphide (Cu ₃ P@3DG) Heterostructure as an Effective Electrode for a Supercapacitor. Frontiers in Materials, 2020, 7, .	2.4	26
14	Polymer immobilized [Mg@PS-anthra] complex: An efficient recyclable heterogeneous catalyst for the incorporation of carbon dioxide into oxiranes at atmospheric pressure and Knoevenagel condensation reaction under solvent free condition. Journal of Organometallic Chemistry, 2019, 880, 322-332.	1.8	21
15	Se-Incorporated Porous Carbon/Ni ₅ P ₄ Nanostructures for Electrocatalytic Hydrogen Evolution Reaction with Waste Heat Management. ACS Applied Nano Materials, 2022, 5, 1385-1396.	5.0	16
16	Synthesis and architecture of polystyrene-supported Schiff base-palladium complex: Catalytic features and functions in diaryl urea preparation in conjunction with Suzuki-Miyaura cross-coupling reaction by reductive carbonylation. Journal of Organometallic Chemistry, 2018, 877, 37-50.	1.8	14
17	Silicon nanowire@Ta ₂ O ₅ @NGQD heterostructure: an efficient photocathode for photoelectrochemical hydrogen evolution. Sustainable Energy and Fuels, 2021, 6, 197-208.	4.9	14
18	Boosting the Supercapacitive Performance via Incorporation of Vanadium in Nickel Phosphide Nanoflakes: A High-Performance Flexible Renewable Energy Storage Device. Energy & Fuels, 2022, 36, 4076-4086.	5.1	13

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19	Strategy to improve the super-capacitive and hydrogen evolution performance of graphitic carbon nitrides via enrichment of carbon content. <i>Journal of Alloys and Compounds</i> , 2021, 858, 157671.	5.5	9
20	pâ€“iâ€“n silicon nanowire arrayâ€“NGQD: a metal-free electrocatalyst for the photoelectrochemical hydrogen evolution. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3160-3171.	4.9	9
21	Strategy to Improve the Photovoltaic Performance of Si/CuO Heterojunction via Incorporation of Ta ₂ O ₅ Hopping Layer and MXene as Transparent Electrode. <i>ACS Applied Energy Materials</i> , 2022, 5, 3941-3951.	5.1	8
22	Polymer-incarcerated palladium-catalyzed facile <i>in situ</i> carbonylation for the synthesis of aryl aldehydes and diaryl ketones using CO surrogates under ambient conditions. <i>New Journal of Chemistry</i> , 2019, 43, 9802-9814.	2.8	7
23	Large Area Graphene and Their Use as Flexible Touchscreens. <i>Advances in Sustainability Science and Technology</i> , 2021, , 285-305.	0.6	0
24	3D-Ni-foam/graphene heterostructure decorated with g-C ₃ N ₄ composite: A noble-metal free electrocatalyst for hydrogen evolution reaction. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
25	3D-Ni-foam/graphene heterostructure decorated with Cu ₃ P composite: A noble-metal free electrocatalyst for hydrogen evolution reaction. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0