

Sumana Kundu

List of Publications by Year in descending order

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papers

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737
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of N, F and S co-doped graphene quantum dots. <i>Nanoscale</i> , 2015, 7, 11515-11519.	2.8	164
2	Enhancing the Efficiency of DSSCs by the Modification of TiO ₂ Photoanodes using N, F and S, co-doped Graphene Quantum Dots. <i>Electrochimica Acta</i> , 2017, 242, 337-343.	2.6	79
3	Topotactic transition of Ni-Co(OH)_2 to Ni-Co(OH)_2 anchored on CoO nanoparticles during electrochemical water oxidation: synergistic electrocatalytic effects. <i>Chemical Communications</i> , 2017, 53, 9809-9812.	2.2	48
4	Role of Specific N-Containing Active Sites in Interconnected Graphene Quantum Dots for the Enhanced Electrocatalytic Activity towards Oxygen Evolution Reaction. <i>ChemistrySelect</i> , 2017, 2, 9943-9946.	0.7	19
5	Effect of Dimensionality and Doping in Quasi-One-Dimensional (1-D) Nitrogen-Doped Graphene Nanoribbons on the Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 38409-38418.	4.0	16
6	Fractional photo-current dependence of graphene quantum dots prepared from carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24566-24569.	1.3	14
7	Mixed Valent, Distorted Cobalt Ludwigite ($\text{Co}_3\text{BO}_5/\text{Co}_3\text{O}_2\text{BO}_3$) and Its Composite with Reduced Multiwalled Carbon Nanotubes (rMWCNT) in Enhancing the Domain Edge Sharing Oxygen as Superior Water Oxidation Electrocatalysts. <i>ChemElectroChem</i> , 2018, 5, 1670-1676.	1.7	11
8	Synthesis and characterization of graphene quantum dots. <i>Physical Sciences Reviews</i> , 2019, 5, .	0.8	9
9	Revealing and excluding the root cause of the electronic conductivity in Mg-ion MgSc ₂ Se ₄ solid electrolyte. <i>Applied Materials Today</i> , 2021, 23, 100998.	2.3	8
10	Effect of Reversible Lithium Ion Intercalation on the Size-Dependent Optical Properties of Graphene Quantum Dots. <i>Journal of the Electrochemical Society</i> , 2016, 163, A11112-A11119.	1.3	7
11	Unraveling the Hydrogen Evolution Reaction Active Sites in N-Functionalized Interconnected Graphene Quantum Dots. <i>ChemistrySelect</i> , 2017, 2, 4511-4515.	0.7	7