# Shubhadeep Pal

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 13 papers | 500 citations | 1040056 9 h-index | 1125743 13 g-index |
| 13 all docs | 13 docs citations | 13 times ranked | 1041 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hydrogen Evolution Reaction Activity of Grapheneâ€“MoS<sub>2</sub> van der Waals Heterostructures. ACS Energy Letters, 2017, 2, 1355-1361. | 17.4 | 141 |
| 2 | Length-Dependent Electron Spin Polarization in Oligopeptides and DNA. Journal of Physical Chemistry C, 2020, 124, 10776-10782. | 3.1 | 90 |
| 3 | Fluorographene based Ultrasensitive Ammonia Sensor. Scientific Reports, 2016, 6, 25221. | 3.3 | 53 |
| 4 | Covalently Connected Carbon Nanotubes as Electrocatalysts for Hydrogen Evolution Reaction through Band Engineering. ACS Catalysis, 2017, 7, 2676-2684. | 11.2 | 41 |
| 5 | On the hydrogen evolution reaction activity of grapheneâ€“hBN van der Waals heterostructures. Physical Chemistry Chemical Physics, 2018, 20, 15007-15014. | 2.8 | 41 |
| 6 | Stacking sequence dependent photo-electrocatalytic performance of CVD grown MoS<sub>2</sub>/graphene van der Waals solids. Nanotechnology, 2017, 28, 085101. | 2.6 | 36 |
| 7 | Nonâ€Precious Metal/Metal Oxides and Nitrogenâ€Doped Reduced Graphene Oxide based Alkaline Waterâ€Electrolysis Cell. ChemCatChem, 2017, 9, 4295-4300. | 3.7 | 31 |
| 8 | Selenium-Coupled Reduced Graphene Oxide as Single-Atom Site Catalyst for Direct Four-Electron Oxygen Reduction Reaction. ACS Applied Energy Materials, 2019, 2, 3624-3632. | 5.1 | 19 |
| 9 | Temperature assisted shear exfoliation of layered crystals for the large-scale synthesis of catalytically active luminescent quantum dots. Materials Chemistry Frontiers, 2017, 1, 319-325. | 5.9 | 18 |
| 10 | Defluorination of Fluorographene Oxide via Solvent Interactions. Particle and Particle Systems Characterization, 2017, 34, 1600346. | 2.3 | 10 |
| 11 | A tetranuclear cobalt(<scp>ii</scp>) phosphate possessing a D4R core: an efficient water oxidation catalyst. Dalton Transactions, 2020, 49, 4878-4886. | 3.3 | 8 |
| 12 | Mechanistic Insight into Formate Production via CO<sub>2</sub> Reduction in Câ€“C Coupled Carbon Nanotube Molecular Junctions. Journal of Physical Chemistry C, 2018, 122, 23385-23392. | 3.1 | 6 |
| 13 | Enhanced Photo-Electrocatalytic Hydrogen Generation in Graphene/hBN van der Waals Structures. Journal of Physical Chemistry C, 2019, 123, 17249-17254. | 3.1 | 6 |