

Amrita De Adhikari

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hierarchical self-assembled nanoclay derived mesoporous CNT/polyindole electrode for supercapacitors. RSC Advances, 2016, 6, 64271-64284. | 3.6 | 48 |
| 2 | Facile electrochemical synthesis of few layered graphene from discharged battery electrode and its application for energy storage. Arabian Journal of Chemistry, 2017, 10, 556-565. | 4.9 | 46 |
| 3 | CdS-CoFe ₂ O ₄ @Reduced Graphene Oxide Nanohybrid: An Excellent Electrode Material for Supercapacitor Applications. Industrial & Engineering Chemistry Research, 2018, 57, 1350-1360. | 3.7 | 45 |
| 4 | Self-assembled GNS wrapped flower-like MnCo ₂ O ₄ nanostructures for supercapacitor application. Journal of Solid State Chemistry, 2019, 271, 282-291. | 2.9 | 40 |
| 5 | Nanoclay-based hierarchical interconnected mesoporous CNT/PPy electrode with improved specific capacitance for high performance supercapacitors. Dalton Transactions, 2016, 45, 9113-9126. | 3.3 | 39 |
| 6 | Mixing sequence driven controlled dispersion of graphene oxide in PC/PMMA blend nanocomposite and its effect on thermo-mechanical properties. Current Applied Physics, 2017, 17, 1158-1168. | 2.4 | 37 |
| 7 | A V ₂ O ₅ nanorod decorated graphene/polypyrrole hybrid electrode: a potential candidate for supercapacitors. New Journal of Chemistry, 2017, 41, 1704-1713. | 2.8 | 35 |
| 8 | Zn-doped SnO ₂ nano-urchin-enriched 3D carbonaceous framework for supercapacitor application. New Journal of Chemistry, 2018, 42, 955-963. | 2.8 | 34 |
| 9 | Polyaniline- ϵ -Stabilized Intertwined Network-like Ferrocene/Graphene Nanoarchitecture for Supercapacitor Application. Chemistry - an Asian Journal, 2017, 12, 900-909. | 3.3 | 31 |
| 10 | Fabrication of nanoclay based graphene/polypyrrole nanocomposite: An efficient ternary electrode material for high performance supercapacitor. Applied Clay Science, 2015, 118, 231-238. | 5.2 | 27 |
| 11 | Polydiacetylene- ϵ -Perylenediimide Supercapacitors. ChemSusChem, 2020, 13, 3230-3236. | 6.8 | 27 |
| 12 | A time efficient reduction strategy for bulk production of reduced graphene oxide using selenium powder as a reducing agent. Journal of Materials Science, 2016, 51, 6156-6165. | 3.7 | 25 |
| 13 | Tungsten-Disulfide/Polyaniline High Frequency Supercapacitors. Advanced Electronic Materials, 2021, 7, 210025. | 5.1 | 25 |
| 14 | Reduced-graphene-oxide-and-strontium-titanate-based double-layered composite: an efficient microwave-absorbing material. Bulletin of Materials Science, 2017, 40, 301-306. | 1.7 | 15 |
| 15 | A thermomechanical study on selective dispersion and different loading of graphene oxide in polypropylene/polycarbonate blends. Journal of Applied Polymer Science, 2017, 134, 45062. | 2.6 | 15 |
| 16 | Lanthanide (III) Metal-Organic Frameworks: Syntheses, Structures and Supercapacitor Application. ChemistrySelect, 2019, 4, 10624-10631. | 1.5 | 12 |
| 17 | Manipulating selective dispersion of reduced graphene oxide in polycarbonate/nylon 66 based blend nanocomposites for improved thermo-mechanical properties. RSC Advances, 2017, 7, 22145-22155. | 3.6 | 11 |
| 18 | Nanoclay Co-Doped CNT/Polyaniline Nanocomposite: A High-Performance Electrode Material for Supercapacitor Applications. ChemistrySelect, 2017, 2, 8807-8817. | 1.5 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Boosted electrochemical performance of TiO ₂ decorated RGO/CNT hybrid nanocomposite by UV irradiation. Vacuum, 2019, 160, 421-428. | 3.5 | 9 |