

Sivagaami Sundari Gunasekaran

List of Publications by Year in descending order

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papers

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | A non-noble, low cost, multicomponent electrocatalyst based on nickel oxide decorated AC nanosheets and PPy nanowires for the direct methanol oxidation reaction. International Journal of Hydrogen Energy, 2022, 47, 3099-3107. | 3.8 | 23 |
| 2 | N-Doped carbon as the anode and ZnCo ₂ O ₄ /N-doped carbon nanocomposite as the cathode for high-performance asymmetric supercapacitor application. New Journal of Chemistry, 2021, 45, 9550-9560. | 1.4 | 11 |
| 3 | Phytogetic generation of NiO nanoparticles as green-electrode material for high performance asymmetric supercapacitor applications. Journal of Energy Storage, 2021, 37, 102412. | 3.9 | 31 |
| 4 | High-performance solid-state supercapacitor based on sustainable synthesis of meso-macro porous carbon derived from hemp fibres via CO ₂ activation. Journal of Energy Storage, 2021, 41, 102997. | 3.9 | 39 |
| 5 | Single Step, Direct Pyrolysis Assisted Synthesis of Nitrogen-Doped Porous Carbon Nanosheets Derived from Bamboo wood for High Energy Density Asymmetric Supercapacitor. Journal of Energy Storage, 2021, 42, 103048. | 3.9 | 47 |
| 6 | Divulging the electrochemical hydrogen storage of ternary BNP-doped carbon derived from biomass scaled to a pouch cell supercapacitor. International Journal of Hydrogen Energy, 2021, 46, 35149-35160. | 3.8 | 14 |
| 7 | Divulging the electrochemical hydrogen storage on nitrogen doped graphene and its superior capacitive performance. Materials Letters, 2020, 273, 127919. | 1.3 | 25 |
| 8 | Promising nature-based nitrogen-doped porous carbon nanomaterial derived from borassus flabellifer male inflorescence as superior metal-free electrocatalyst for oxygen reduction reaction. International Journal of Hydrogen Energy, 2019, 44, 25918-25929. | 3.8 | 19 |
| 9 | Partially graphitic nanoporous activated carbon prepared from biomass for supercapacitor application. Materials Letters, 2018, 218, 165-168. | 1.3 | 52 |