

# Sivagaami Sundari Gunasekaran

## List of Publications by Year in descending order

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9  
papers

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citations

1040018

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#	ARTICLE	IF	CITATIONS
1	Partially graphitic nanoporous activated carbon prepared from biomass for supercapacitor application. <i>Materials Letters</i> , 2018, 218, 165-168.	2.6	52
2	Single Step, Direct Pyrolysis Assisted Synthesis of Nitrogen-Doped Porous Carbon Nanosheets Derived from Bamboo wood for High Energy Density Asymmetric Supercapacitor. <i>Journal of Energy Storage</i> , 2021, 42, 103048.	8.1	47
3	High-performance solid-state supercapacitor based on sustainable synthesis of meso-macro porous carbon derived from hemp fibres via CO <sub>2</sub> activation. <i>Journal of Energy Storage</i> , 2021, 41, 102997.	8.1	39
4	Phylogenetic generation of NiO nanoparticles as green-electrode material for high performance asymmetric supercapacitor applications. <i>Journal of Energy Storage</i> , 2021, 37, 102412.	8.1	31
5	Divulging the electrochemical hydrogen storage on nitrogen doped graphene and its superior capacitive performance. <i>Materials Letters</i> , 2020, 273, 127919.	2.6	25
6	A non-noble, low cost, multicomponent electrocatalyst based on nickel oxide decorated AC nanosheets and PPy nanowires for the direct methanol oxidation reaction. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 3099-3107.	7.1	23
7	Promising nature-based nitrogen-doped porous carbon nanomaterial derived from borassus flabellifer male inflorescence as superior metal-free electrocatalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25918-25929.	7.1	19
8	Divulging the electrochemical hydrogen storage of ternary BNP-doped carbon derived from biomass scaled to a pouch cell supercapacitor. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 35149-35160.	7.1	14
9	N-Doped carbon as the anode and ZnCo <sub>2</sub> O <sub>4</sub> /N-doped carbon nanocomposite as the cathode for high-performance asymmetric supercapacitor application. <i>New Journal of Chemistry</i> , 2021, 45, 9550-9560.	2.8	11