

# Selvaraj Aravindha Raja

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Electrospun One Dimensional (1D) Pseudocapacitive nanorods embedded carbon nanofiber as positrode and graphene wrapped carbon nanofiber as negatrode for enhanced electrochemical energy storage.. Journal of Energy Storage, 2022, 46, 103731.	3.9	21
2	Bio-waste wood-derived porous activated carbon with tuned microporosity for high performance supercapacitors. Journal of Energy Storage, 2022, 52, 104928.	3.9	23
3	Ultrahigh surface area biomass derived 3D hierarchical porous carbon nanosheet electrodes for high energy density supercapacitors. Carbon, 2021, 174, 463-474.	5.4	156
4	High-performance flexible transparent micro-supercapacitors from nanocomposite electrodes encapsulated with solution processed MoS <sub>2</sub> nanosheets. Science and Technology of Advanced Materials, 2021, 22, 875-884.	2.8	16
5	Electrodeposited Trimetallic NiFeW Hydroxide Electrocatalysts for Efficient Water Oxidation. ChemSusChem, 2021, 14, 1324-1335.	3.6	31
6	A core-shell structure of cobalt sulfide//G-ink towards high energy density in asymmetric hybrid supercapacitors. Sustainable Energy and Fuels, 2020, 4, 4848-4858.	2.5	11
7	A facile synthesis of a NiMoO <sub>4</sub> @metal-coated graphene-ink nanosheet structure towards the high energy density of a battery type-hybrid supercapacitor. Dalton Transactions, 2020, 49, 9762-9772.	1.6	17
8	Cation intercalated one-dimensional manganese hydroxide nanorods and hierarchical mesoporous activated carbon nanosheets with ultrahigh capacitance retention asymmetric supercapacitors. Journal of Colloid and Interface Science, 2020, 566, 485-494.	5.0	25
9	The one-step electrodeposition of nickel phosphide for enhanced supercapacitive performance using 3-mercaptopropionic acid. New Journal of Chemistry, 2020, 44, 7690-7697.	1.4	13
10	Interplay between porous texture and surface-active sites for efficient oxygen reduction reactions in N-inherited carbon. New Journal of Chemistry, 2020, 44, 10911-10917.	1.4	8
11	Nickel self-doped iron oxide/manganese carbonate hierarchical 2D/3D structures for electrochemical energy storage. Electrochimica Acta, 2019, 297, 77-86.	2.6	20
12	Inhibition of Redox Behaviors in Hierarchically Structured Manganese Cobalt Phosphate Supercapacitor Performance by Surface Trivalent Cations. ACS Omega, 2018, 3, 1718-1725.	1.6	30
13	Revealing the Self-Degradation Mechanisms in Methylammonium Lead Iodide Perovskites in Dark and Vacuum. ChemPhysChem, 2018, 19, 1507-1513.	1.0	56
14	Stabilization of cryptomelane $\hat{\pm}$ -MnO <sub>2</sub> nanowires tunnels widths for enhanced electrochemical energy storage. Electrochimica Acta, 2018, 283, 1679-1688.	2.6	31