

# Rajmohan Rajendiran

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3703697/rajmohan-rajendiran-publications-by-year.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

198  
citations

8  
h-index

14  
g-index

15  
ext. papers

355  
ext. citations

6.9  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
14	Electrospun One Dimensional (1D) Pseudocapacitive nanorods embedded carbon nanofiber as positrode and graphene wrapped carbon nanofiber as negatrode for enhanced electrochemical energy storage.. <i>Journal of Energy Storage</i> , <b>2022</b> , 46, 103731	7.8	3
13	Bimetallic copper nickel sulfide electrocatalyst by one step chemical bath deposition for efficient and stable overall water splitting applications. <i>Journal of Colloid and Interface Science</i> , <b>2022</b> , 606, 101-112	9.3	4
12	Oxygen vacancy defect tungsten-oxide-quantum-dot-modified nitrogen-doped graphene with interfacial tiny primitives to boost oxygen reduction reaction. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 908, 164588	5.7	2
11	Enhancing ORR/OER active sites through lattice distortion of Fe-enriched FeNi intermetallic nanoparticles doped N-doped carbon for high-performance rechargeable Zn-air battery. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 582, 977-990	9.3	32
10	Mn-Co bimetallic phosphate on electrodeposited PANI nanowires with composition modulated structural morphology for efficient electrocatalytic water splitting. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 292, 120202	21.8	22
9	Core-double shells heterostructure $\text{Fe}_2\text{O}_3@\text{FeS}_2@\text{C}$ nanocubics with energy level matching double interfaces to boost the oxygen evolution reaction. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 885, 160986	5.7	1
8	Electrodeposited Trimetallic NiFeW Hydroxide Electrocatalysts for Efficient Water Oxidation. <i>ChemSusChem</i> , <b>2021</b> , 14, 1324-1335	8.3	7
7	Self-assembled 3D hierarchical MnCO/NiFe layered double hydroxides as a superior electrocatalysts for the oxygen evolution reactions. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 566, 224-233	9.3	19
6	Porous shiitake mushroom carbon composite with NiCo <sub>2</sub> O <sub>4</sub> nanorod electrochemical characteristics for efficient supercapacitor applications. <i>Ionics</i> , <b>2020</b> , 26, 345-354	2.7	12
5	Interplay between porous texture and surface-active sites for efficient oxygen reduction reactions in N-inherited carbon. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 10911-10917	3.6	4
4	Transition metal chalcogenide based MnSe heterostructured with NiCo <sub>2</sub> O <sub>4</sub> as a new high performance electrode material for capacitive energy storage. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 12630-12640	2.6	16
3	Inhibition of Redox Behaviors in Hierarchically Structured Manganese Cobalt Phosphate Supercapacitor Performance by Surface Trivalent Cations. <i>ACS Omega</i> , <b>2018</b> , 3, 1718-1725	3.9	18
2	Revealing the Self-Degradation Mechanisms in Methylammonium Lead Iodide Perovskites in Dark and Vacuum. <i>ChemPhysChem</i> , <b>2018</b> , 19, 1507-1513	3.2	35
1	Stabilization of cryptomelane $\text{MnO}_2$ nanowires tunnels widths for enhanced electrochemical energy storage. <i>Electrochimica Acta</i> , <b>2018</b> , 283, 1679-1688	6.7	23