

# Vipin Adavan Kiliyankil

## List of Publications by Year in descending order

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14  
papers

638  
citations

759055

12  
h-index

1058333

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

843  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemistry of rechargeable aqueous zinc/zinc-sulphate/manganese-oxide batteries and methods for preparation of high-performance cathodes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15415-15426.	5.2	6
2	Microwave plasma-induced growth of vertical graphene from fullerene soot. <i>Carbon</i> , 2021, 172, 26-30.	5.4	18
3	Graphene nanosheets homogeneously incorporated in polyurethane sponge for the elimination of water-soluble organic dyes. <i>Journal of Colloid and Interface Science</i> , 2021, 584, 816-826.	5.0	23
4	Aerogels from copper (II)-cellulose nanofibers and carbon nanotubes as adsorbents for the elimination of toxic gases from air. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 950-960.	5.0	30
5	A finger-jointing model for describing ultrastructures of cellulose microfibrils. <i>Scientific Reports</i> , 2021, 11, 10055.	1.6	4
6	Stabilization of Prussian blue using copper sulfate for eliminating radioactive cesium from a high pH solution and seawater. <i>Journal of Hazardous Materials</i> , 2020, 386, 121979.	6.5	14
7	Improved supercapacitors by implanting ultra-long single-walled carbon nanotubes into manganese oxide domains. <i>Journal of Power Sources</i> , 2020, 479, 228795.	4.0	16
8	Facile synthesis of graphene sheets intercalated by carbon spheres for high-performance supercapacitor electrodes. <i>Carbon</i> , 2020, 167, 11-18.	5.4	18
9	Environmental Remediation Applications of Carbon Nanotubes and Graphene Oxide: Adsorption and Catalysis. <i>Nanomaterials</i> , 2019, 9, 439.	1.9	117
10	Cellulose nanofiber backbone Prussian blue nanoparticles as powerful adsorbents for the selective elimination of radioactive cesium. <i>Scientific Reports</i> , 2016, 6, 37009.	1.6	101
11	Removal of Cs <sup>+</sup> and Sr <sup>2+</sup> from water using MWCNT reinforced Zeolite-A beads. <i>Microporous and Mesoporous Materials</i> , 2016, 224, 84-88.	2.2	51
12	Three dimensional porous monoliths from multi-walled carbon nanotubes and polyacrylonitrile. <i>Carbon</i> , 2016, 101, 377-381.	5.4	13
13	Sodium cobalt hexacyanoferrate encapsulated in alginate vesicle with CNT for both cesium and strontium removal. <i>Carbohydrate Polymers</i> , 2014, 111, 477-484.	5.1	61
14	Prussian blue caged in alginate/calcium beads as adsorbents for removal of cesium ions from contaminated water. <i>Journal of Hazardous Materials</i> , 2013, 258-259, 93-101.	6.5	166