

# Shiva Kumar Arumugasamy

## List of Publications by Year in descending order

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14  
papers

388  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

369  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical sensor for detecting dopamine using graphene quantum dots incorporated with multiwall carbon nanotubes. <i>Applied Surface Science</i> , 2020, 508, 145294.	6.1	124
2	Green synthesized carbon quantum dots from maple tree leaves for biosensing of Cesium and electrocatalytic oxidation of glycerol. <i>Chemosphere</i> , 2022, 287, 131915.	8.2	50
3	Zn-MOF decorated bio activated carbon for photocatalytic degradation, oxygen evolution and reduction catalysis. <i>Journal of Hazardous Materials</i> , 2022, 421, 126720.	12.4	42
4	Current advances in the detection of neurotransmitters by nanomaterials: An update. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 123, 115766.	11.4	28
5	Magnetosome-anti-Salmonella antibody complex based biosensor for the detection of Salmonella typhimurium. <i>Materials Science and Engineering C</i> , 2020, 114, 111071.	7.3	27
6	Chemical-free sustainable carbon nano-onion as a dual-mode sensor platform for noxious volatile organic compounds. <i>Applied Surface Science</i> , 2021, 537, 147872.	6.1	20
7	Analytical insights of COVID-19 pandemic. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116072.	11.4	19
8	TriMOF synergized on the surface of activated carbon produced from pineapple leaves for the environmental pollutant reduction and oxygen evolution process. <i>Chemosphere</i> , 2022, 286, 131893.	8.2	19
9	Tuning the interfacial electronic transitions of bi-dimensional nanocomposites (pGO/ZnO) towards photocatalytic degradation and energy application. <i>Environmental Research</i> , 2022, 204, 112050.	7.5	18
10	Well-Designed Au Nanorod-Doped Cu <sub>2</sub> O Core-Shell Nanocube-Embedded Reduced Graphene Oxide Composite for Efficient Removal of a Water Pollutant Dye. <i>ACS Omega</i> , 2020, 5, 24799-24810.	3.5	15
11	Electrochemical properties of Rubpy-reduced graphene oxide synergized by ultrasonication for label-free quercetin sensing. <i>Applied Surface Science</i> , 2021, 537, 147777.	6.1	10
12	Manganese ions conjugated on layered bismuth oxyhalides for high-performance pseudocapacitors and efficient oxygen evolution catalysts. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 4412-4423.	6.0	6
13	Detection of white spot syndrome virus in seafood samples using a magnetosome-based impedimetric biosensor. <i>Archives of Virology</i> , 2021, 166, 2763-2778.	2.1	6
14	Development of magnetosomes-based biosensor for the detection of <i>Listeria monocytogenes</i> from food sample. <i>IET Nanobiotechnology</i> , 2020, 14, 839-850.	3.8	4