

Subramanian Ramanathan

List of Publications by Year in Descending Order

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

23
papers

115
citations

6
h-index

9
g-index

23
ext. papers

183
ext. citations

3.3
avg, IF

2.92
L-index

#	Paper	IF	Citations
23	Efficient degradation of emerging organic pollutant by cerium phosphate/g-C ₃ N ₄ /Vis/PMS system: Catalytic kinetics and toxicity evaluation. <i>Diamond and Related Materials</i> , 2022 , 126, 109067	3.5	
22	Novel VOPO ₄ /g-C ₃ N ₄ -PMS system for organic pollutant degradation: Assessment of toxicity by Danio rerio. <i>Journal of Water Process Engineering</i> , 2021 , 44, 102422	6.7	1
21	Potato peels biochar composite with copper phthalocyanine for energy storage application. <i>Diamond and Related Materials</i> , 2021 , 115, 108360	3.5	3
20	Grape Seed Extract Assisted Synthesis of Dual-Functional Anatase TiO ₂ Decorated Reduced Graphene Oxide Composite for Supercapacitor Electrode Material and Visible Light Photocatalytic Degradation of Bromophenol Blue Dye. <i>ACS Omega</i> , 2021 , 6, 14734-14747	3.9	5
19	Low cost electrochemical composite material of paper cup waste carbon (P-carbon) and Fluorescein for supercapacitor application. <i>Materials Today: Proceedings</i> , 2021 , 47, 825-836	1.4	1
18	Musa paradisiaca reduced graphene oxide (BRGO) /MWCNT-Fe ₃ O ₄ nanocomposite for supercapacitor and photocatalytic applications. <i>Materials Today: Proceedings</i> , 2021 , 47, 843-852	1.4	4
17	Development of rutin-rGO/TiO ₂ nanocomposite for electrochemical detection and photocatalytic removal of 2,4-DCP. <i>Journal of the Iranian Chemical Society</i> , 2021 , 18, 2457-2472	2	3
16	Synthesis of porous g-C ₃ N ₄ doped vanadyl phosphate for supercapattery application. <i>Journal of Energy Storage</i> , 2021 , 40, 102786	7.8	1
15	Eco-friendly Synthesis of CRGO and CRGO/SnO Nanocomposite for Photocatalytic Degradation of Methylene Green Dye. <i>ACS Omega</i> , 2020 , 5, 158-169	3.9	5
14	Electrochemical Detection of Trace Amounts of Arsenic (III) in Poultry Using a Graphene Oxide-Bis(2-(4,5-diphenyl-1H-imidazol-2-yl)phenoxy)Cobalt Composite Modified Electrode. <i>Journal of Electronic Materials</i> , 2019 , 48, 4498-4506	1.9	3
13	Synthesis of reduced graphene oxide/ZnO nanocomposites using grape fruit extract and leaf extract and a comparative study of their photocatalytic property in degrading Rhodamine B dye. <i>Journal of Environmental Health Science & Engineering</i> , 2019 , 17, 195-207	2.9	16
12	Hierarchical Cu ₂ Se nanostructures film for peroxymonosulfate activation and electrocatalytic hydrogen evolution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019 , 99, 66-73	5.3	7
11	Development of a electrochemical sensor for the detection of 2,4-dichlorophenol using a polymer nanocomposite of rGO. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 7150-7162	2.1	3
10	Quenching-Induced Structural Distortion of Graphitic Carbon Nitride Nanostructures: Enhanced Photocatalytic Activity and Electrochemical Hydrogen Production. <i>ACS Omega</i> , 2019 , 4, 6476-6485	3.9	9
9	Conversion of laboratory paper waste into useful activated carbon: a potential supercapacitor material and a good adsorbent for organic pollutant and heavy metals. <i>Cellulose</i> , 2019 , 26, 3313-3324	5.5	28
8	Air bubbles induced piezophotocatalytic degradation of organic pollutants using nanofibrous poly(vinylidene fluoride)-titanium dioxide hybrid. <i>Applied Surface Science</i> , 2019 , 493, 1268-1277	6.7	6
7	Synthesis, Structural Characterization and Biological Evaluation of 3-Amino-5-(5-oxo-5H-benzo[a]phenoxazin-6-ylamino)benzoic acid Derivatives. <i>Asian Journal of Chemistry</i> , 2019 , 31, 2886-2894	0.4	

6	Synthesis, Molecular Docking, Cytotoxicity and Antioxidant Activity Evaluation of Isoindoline-1,3-dione Derivatives. <i>Asian Journal of Chemistry</i> , 2019 , 31, 2548-2556	0.4	0
5	Synthesis, Structure Characterization, and Biological Evaluation of 3-Amino-5-(5-Oxo-5H-Benzo[a]Phenothiazin-6-Ylamino) Benzoic Acid Derivatives via Molecular Docking, Cytotoxicity, and Antioxidant Studies. <i>Current Pharmacology Reports</i> , 2019 , 5, 440-459	5.5	
4	HRGO@SnO ₂ Nanocomposite for Electrochemical Detection of Hydrazine. <i>Journal of Electronic Materials</i> , 2019 , 48, 542-550	1.9	4
3	Synthesis, Characterization and Solvatochromic Studies Using the Solvent Polarity Parameter, ENT on 2-Chloro-3-Ethylamino-1,4-Naphthoquinone. <i>Journal of Fluorescence</i> , 2017 , 27, 1505-1512	2.4	3
2	Aloe vera (L.) Burm.f. extract reduced graphene oxide for supercapacitor application. <i>Journal of Materials Science: Materials in Electronics</i> , 2017 , 28, 16648-16657	2.1	12
1	Tea waste biochar composite with nickel phthalocyanine as a potential supercapacitor electrode material. <i>Biomass Conversion and Biorefinery</i> , 1	2.3	1