Subramanian Ramanathan

List of Publications by Citations

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	Conversion of laboratory paper waste into useful activated carbon: a potential supercapacitor material and a good adsorbent for organic pollutant and heavy metals. *Cellulose*, **2019**, 26, 3313-3324	5.5	28
22	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. *Journal of Environmental Health Science & Engineering*, **2019**, 17, 195-207	2.9	16
21	Aloe vera (L.) Burm.f. extract reduced graphene oxide for supercapacitor application. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 16648-16657	2.1	12
20	Quenching-Induced Structural Distortion of Graphitic Carbon Nitride Nanostructures: Enhanced Photocatalytic Activity and Electrochemical Hydrogen Production. *ACS Omega*, **2019**, 4, 6476-6485	3.9	9
19	Hierarchical Cu2Se nanostructures film for peroxymonosulfate activation and electrocatalytic hydrogen evolution. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 99, 66-73	5.3	7
18	Air bubbles induced piezophotocatalytic degradation of organic pollutants using nanofibrous poly(vinylidene fluoride)-titanium dioxide hybrid. *Applied Surface Science*, **2019**, 493, 1268-1277	6.7	6
17	Eco-friendly Synthesis of CRGO and CRGO/SnO Nanocomposite for Photocatalytic Degradation of Methylene Green Dye. *ACS Omega*, **2020**, 5, 158-169	3.9	5
16	Grape Seed Extract Assisted Synthesis of Dual-Functional Anatase TiO Decorated Reduced Graphene Oxide Composite for Supercapacitor Electrode Material and Visible Light Photocatalytic Degradation of Bromophenol Blue Dye. *ACS Omega*, **2021**, 6, 14734-14747	3.9	5
15	HRGO□o@SnO2 Nanocomposite for Electrochemical Detection of Hydrazine. *Journal of Electronic Materials*, **2019**, 48, 542-550	1.9	4
14	Musa paradisiaca reduced graphene oxide (BRGO) /MWCNT-Fe3O4 nanocomposite for supercapacitor and photocatalytic applications. *Materials Today: Proceedings*, **2021**, 47, 843-852	1.4	4
13	Synthesis, Characterization and Solvatochromic Studies Using the Solvent Polarity Parameter, ENT on 2-Chloro-3-Ethylamino-1,4-Naphthoquinone. *Journal of Fluorescence*, **2017**, 27, 1505-1512	2.4	3
12	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. *Journal of Electronic Materials*, **2019**, 48, 4498-4506	1.9	3
11	Development of a electrochemical sensor for the detection of 2,4-dichlorophenol using a polymer nanocomposite of rGO. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 7150-7162	2.1	3
10	Potato peels biochar composite with copper phthalocyanine for energy storage application. *Diamond and Related Materials*, **2021**, 115, 108360	3.5	3
9	Development of rutin-rGO/TiO2 nanocomposite for electrochemical detection and photocatalytic removal of 2,4-DCP. *Journal of the Iranian Chemical Society*, **2021**, 18, 2457-2472	2	3
8	Tea waste biochar composite with nickel phthalocyanine as a potential supercapacitor electrode material. *Biomass Conversion and Biorefinery*,1	2.3	1
7	Novel VOPO4/g-C3N4-PMS system for organic pollutant degradation: Assessment of toxicity by Danio rerio. *Journal of Water Process Engineering*, **2021**, 44, 102422	6.7	1

6	Low cost electrochemical composite material of paper cup waste carbon (P-carbon) and Fluorescein for supercapacitor application. *Materials Today: Proceedings*, **2021**, 47, 825-836	1.4	1
5	Synthesis of porous g-C3N4 doped vanadyl phosphate for supercapattery application. *Journal of Energy Storage*, **2021**, 40, 102786	7.8	1
4	Synthesis, Molecular Docking, Cytotoxicity and Antioxidant Activity Evaluation of Isoindoline-1,3-dione Derivatives. *Asian Journal of Chemistry*, **2019**, 31, 2548-2556	0.4	0
3	Synthesis, Structural Characterization and Biological Evaluation of 3-Amino-5-(5-oxo-5H-benzo[a]phenoxazin-6-ylamino)benzoic acid Derivatives. *Asian Journal of Chemistry*, **2019**, 31, 2886-2894	0.4	
2	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. *Current Pharmacology Reports*, **2019**, 5, 440-459	5.5	
1	Efficient degradation of emerging organic pollutant by cerium phosphate/g-C3N4/Vis/PMS system: Catalytic kinetics and toxicity evaluation. *Diamond and Related Materials*, **2022**, 126, 109067	3.5	