

Wael

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,483
citations

687363

13
h-index

610901

24
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24
all docs

24
docs citations

24
times ranked

2031
citing authors

#	ARTICLE	IF	CITATIONS
1	Commercialization of Lithium Battery Technologies for Electric Vehicles. <i>Advanced Energy Materials</i> , 2019, 9, 1900161.	19.5	865
2	1T MoS ₂ nanosheets with extraordinary sodium storage properties via thermal-driven ion intercalation assisted exfoliation of bulky MoS ₂ . <i>Nano Energy</i> , 2019, 61, 361-369.	16.0	157
3	Magnetic metal oxide-organic framework material for ultrasonic-assisted sorption of titan yellow and rose bengal from aqueous solutions. <i>Chemical Engineering Journal</i> , 2020, 392, 123635.	12.7	67
4	Regulating the Hidden Solvation Ion Exchange in Concentrated Electrolytes for Stable and Safe Lithium Metal Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2000901.	19.5	65
5	Recovery of Chromium(VI) Oxyanions from Aqueous Solution Using Cu(OH) ₂ and CuO Embedded Chitosan Adsorbents. <i>Journal of Polymers and the Environment</i> , 2020, 28, 47-60.	5.0	49
6	Electrochemical Microbiosensor for Detecting COVID-19 in a Patient Sample Based on Gold Microcuboids Pattern. <i>Biochip Journal</i> , 2021, 15, 287-295.	4.9	42
7	Synthesis of gold nanoparticles@reduced porous graphene-modified ITO electrode for spectroelectrochemical detection of SARS-CoV-2 spike protein. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 264, 120237.	3.9	33
8	Synergistic effect of Cu-nanoparticles and β -cyclodextrin functionalized reduced graphene oxide nanocomposite on the adsorptive remediation of tetracycline antibiotics. <i>Carbohydrate Polymers</i> , 2021, 273, 118528.	10.2	31
9	Synthesis, characterization, morphology, and adsorption studies of ternary nanocomposite comprising graphene oxide, chitosan, and polypyrrole. <i>Polymer Composites</i> , 2020, 41, 3758-3767.	4.6	27
10	Lauryl sulfate@magnetic graphene oxide nanosorbent for fast methylene blue recovery from aqueous solutions. <i>Journal of Dispersion Science and Technology</i> , 2019, 40, 707-715.	2.4	25
11	Controlled fabrication of gold nanobipyramids/polypyrrole for shell-isolated nanoparticle-enhanced Raman spectroscopy to detect β -aminobutyric acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117890.	3.9	20
12	MOF-derived hybrid nanoarchitected carbons for gas discrimination of volatile aromatic hydrocarbons. <i>Carbon</i> , 2020, 168, 55-64.	10.3	20
13	Layer-by-Layer Motif Heteroarchitecturing of N,S-Codoped Reduced Graphene Oxide-Wrapped Ni/NiS Nanoparticles for the Electrochemical Oxidation of Water. <i>ChemSusChem</i> , 2020, 13, 3269-3276.	6.8	19
14	Fabrication and evaluation of an organic monolithic column based upon the polymerisation of hexyl methacrylate with 1,6-hexanediol ethoxylate diacrylate for the separation of small molecules by capillary liquid chromatography. <i>Talanta</i> , 2015, 141, 103-110.	5.5	11
15	Use of Tetrabutylammonium Bromide and L-Arginine-Based Deep Eutectic Mixture in Combination with Beta-Cyclodextrin for Chiral Discrimination of Amino Acids in Capillary Electrophoresis. <i>Chromatographia</i> , 2021, 84, 1151-1162.	1.3	11
16	Response surface methodological optimization of batch Cu(II) sorption onto succinic acid functionalized SiO ₂ nanoparticles. <i>Canadian Journal of Chemistry</i> , 2019, 97, 277-286.	1.1	9
17	Development of copper oxide nanostructures modified indium tin oxide electrode for electrochemical catalytically oxidation of methanol. <i>Materials Letters</i> , 2020, 279, 128498.	2.6	9
18	A 2D Graphitic-Polytriaminopyrimidine (g-PTAP)/Poly(ether-block-amide) Mixed Matrix Membrane for CO ₂ Separation. <i>Chemistry - an Asian Journal</i> , 2021, 16, 1839-1848.	3.3	6

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19	Cyclodextrin-Modified Micellar UPLC for Direct, Sensitive and Selective Determination of Water Soluble Vitamins in Milk. Journal of Chromatographic Science, 2020, 58, 203-210.	1.4	5
20	Use of β -cyclodextrin inclusion concurrent with cationic surfactant shielding for the enhancement of ascorbic acid stability followed by ultra-high performance liquid chromatography and online preconcentration capillary electrophoresis. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 732-739.	1.0	4
21	A simple HPLC method containing greener modifier and slighter temperature elevated for simultaneous determination of three statin drugs in tablets. Acta Chromatographica, 2021, 34, 210-215.	1.3	3
22	Simple and rapid liquid chromatographic and electrophoretic methods for phenol quantification and its stability in tuberculin purified protein derivative preparations. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1122-1123, 73-77.	2.3	2
23	Investigating the binding measurements of human α -acid glycoprotein with chlorambucil and dacarbazine in the presence of imidazolium based -ionic liquid by affinity capillary electrophoresis. Arabian Journal of Chemistry, 2020, 13, 7445-7452.	4.9	2
24	Graphitic-polytriaminopyrimidine (g-PTAP): A novel bifunctional catalyst for photoelectrochemical water splitting. International Journal of Hydrogen Energy, 2022, , .	7.1	1