

H Gomaa

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

789
citations

516710

16
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive in-vitro monitoring of monoamine neurotransmitters from dopaminergic cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 114-124.	7.8	83
2	Hierarchical C-N doped NiO with dual-head echinop flowers for ultrasensitive monitoring of epinephrine in human blood serum. <i>Mikrochimica Acta</i> , 2017, 184, 4553-4562.	5.0	81
3	Nitrogen, phosphorus co-doped eave-like hierarchical porous carbon for efficient capacitive deionization. <i>Journal of Materials Chemistry A</i> , 2021, 9, 12807-12817.	10.3	79
4	Highly-efficient removal of AsV, Pb ²⁺ , Fe ³⁺ , and Al ³⁺ pollutants from water using hierarchical, microscopic TiO ₂ and TiOF ₂ adsorbents through batch and fixed-bed columnar techniques. <i>Journal of Cleaner Production</i> , 2018, 182, 910-925.	9.3	73
5	Extraction and recovery of Co ²⁺ ions from spent lithium-ion batteries using hierarchical mesosponge Al_2O_3 monolith extractors. <i>Green Chemistry</i> , 2018, 20, 1841-1857.	9.0	60
6	Selective, Photoenhanced Trapping/Detrapping of Arsenate Anions Using Mesoporous Blobfish Head TiO ₂ Monoliths. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 10826-10839.	6.7	51
7	Mesoscopic engineering materials for visual detection and selective removal of copper ions from drinking and waste water sources. <i>Journal of Hazardous Materials</i> , 2021, 406, 124314.	12.4	47
8	A novel fluorescent sensor for fast and highly selective turn-off detection of Fe ³⁺ in water and pharmaceutical samples using synthesized azopyrazole-benzenesulfonamide derivative. <i>Journal of Molecular Structure</i> , 2021, 1225, 129175.	3.6	40
9	Three-Dimensional, Vertical Platelets of ZnO Carriers for Selective Extraction of Cobalt Ions from Waste Printed Circuit Boards. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13813-13825.	6.7	39
10	Inorganic-organic mesoporous hybrid segregators for selective and sensitive extraction of precious elements from urban mining. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 61-79.	9.4	32
11	Design of mesoporous ZnO @ silica fume-derived SiO ₂ nanocomposite as photocatalyst for efficient crystal violet removal: Effective route to recycle industrial waste. <i>Journal of Cleaner Production</i> , 2021, 326, 129416.	9.3	32
12	A hybrid mesoporous CuO@barley straw-derived SiO ₂ nanocomposite for adsorption and photocatalytic degradation of methylene blue from real wastewater. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 644, 128811.	4.7	31
13	A hybrid spongy-like porous carbon-based on azopyrazole-benzenesulfonamide derivative for highly selective Fe ³⁺ -adsorption from real water samples. <i>Microporous and Mesoporous Materials</i> , 2022, 330, 111578.	4.4	26
14	Mesoporous hierarchical ZrO ₂ @rice straw-derived SiO ₂ nanocomposite for rapid adsorption and sunlight-driven photocatalytic degradation of methylene blue. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 426, 113758.	3.9	25
15	Mesoporous spongy Ni ²⁺ /Co oxides@wheat straw-derived SiO ₂ for adsorption and photocatalytic degradation of methylene blue pollutants. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 1519-1536.	3.1	21
16	Date seed as an efficient, eco-friendly, and cost-effective bio-adsorbent for removal of thorium ions from acidic solutions. <i>Aswan University Journal of Environmental Studies</i> , 2020, 1, 106-124.	0.2	17
17	Rice Husk-Derived Nanomaterials for Potential Applications. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2021, , 541-588.	1.6	16
18	Recycling of Nanosilica from Agricultural, Electronic, and Industrial Wastes for Wastewater Treatment. <i>Topics in Mining, Metallurgy and Materials Engineering</i> , 2021, , 325-362.	1.6	13

#	ARTICLE	IF	CITATIONS
19	Experimental and theoretical studies of a novel synthesized azopyrazole-benzenesulfonamide derivative as an efficient corrosion inhibitor for mild steel. Journal of the Iranian Chemical Society, 2021, 18, 1231-1241.	2.2	10
20	Spectrofluorimetric determination of magnesium ions in water, ampoule, and suspension samples using a fluorescent azothiazolâ€benzenesulfonamide derivative. Luminescence, 2022, 37, 448-454.	2.9	9
21	A novel spectrofluorimetric method based on reaction with azoisoaxazolesâ€benzenesulfonamide derivative for determination of uranium (VI) ions in water samples. Luminescence, 2022, , .	2.9	4