

Elham Farouk Mohamed

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

382
citations

759233

12
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil and plant contamination by potentially toxic and emerging elements and the associated human health risk in some Egyptian environments. <i>Environmental Geochemistry and Health</i> , 2023, 45, 359-379.	3.4	4
2	Development of nano-sensor and biosensor as an air pollution detection technique for the foreseeable future. <i>Comprehensive Analytical Chemistry</i> , 2022, , 163-188.	1.3	2
3	Biological processes for air pollution control. , 2022, , 153-166.		0
4	Daily submicron particle doses received by populations living in different low- and middle-income countries. <i>Environmental Pollution</i> , 2021, 269, 116229.	7.5	11
5	Hollow N-TiO ₂ /MnO ₂ nanocomposite based yeast biomass for gaseous formaldehyde degradation under visible light. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 98, 366-374.	5.8	15
6	Solar photocatalytic degradation of organic pollutants from indoor air using novel direct flame combustion based hollow nanocomposite of Pd/Anataseâ€“Rutile TiO ₂ mixed phase and evaluation of the biocompatibility. <i>Advanced Powder Technology</i> , 2021, 32, 2555-2565.	4.1	8
7	Synthesis of New Hollow Nanocomposite Photocatalysts: Sunlight Applications for Removal of Gaseous Organic Pollutants. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 111, 181-190.	5.3	13
8	Photodegradation of gaseous toluene and disinfection of airborne microorganisms from polluted air using immobilized TiO ₂ nanoparticle photocatalystâ€“based filter. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24507-24517.	5.3	15
9	Seasonal Variation in the Biological Effects of PM _{2.5} from Greater Cairo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4970.	4.1	19
10	Nanotechnology and Nanobiotechnology for Environmental Remediation. <i>Nanotechnology in the Life Sciences</i> , 2019, , 77-93.	0.6	2
11	Immobilization of P450 BM3 monooxygenase on hollow nanosphere composite: Application for degradation of organic gases pollutants under solar radiation lamp. <i>Applied Catalysis B: Environmental</i> , 2019, 253, 88-95.	20.2	35
12	Chemical and isotopic fractionation of lead in the surface soils of Egypt. <i>Applied Geochemistry</i> , 2019, 106, 7-16.	3.0	13
13	Nanotechnology: Future of Environmental Air Pollution Control. <i>Environmental Management and Sustainable Development</i> , 2017, 6, 429.	0.2	65
14	Air purifier devices based on adsorbents produced from valorization of different environmental hazardous materials for ammonia gas control. <i>RSC Advances</i> , 2016, 6, 57284-57292.	3.6	17
15	Biofiltration technology for the removal of toluene from polluted air using <i>Streptomyces griseus</i> . <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1197-1207.	2.2	36
16	Toluene, Methanol and Benzaldehyde Removal from Gas Streams by Adsorption onto Natural Clay and Faujasite-Y type Zeolite. <i>Acta Chimica Slovenica</i> , 2016, 63, 798-808.	0.6	19
17	Production of sugarcane bagasse-based activated carbon for formaldehyde gas removal from potted plants exposure chamber. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 1413-1420.	1.9	37
18	Sequential adsorption - photocatalytic oxidation process for wastewater treatment using a composite material TiO ₂ /activated carbon. <i>Environmental Engineering Research</i> , 2015, 20, 181-189.	2.5	27

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19	Composite membranes derived from immiscible NBR/SBR blends and amphiphilic montmorillonites: permeability evaluation of these membranes for benzene and toluene in their binary mixtures. RSC Advances, 2014, 4, 33555.	3.6	7
20	Application of sludge-based carbonaceous materials in a hybrid water treatment process based on adsorption and catalytic wet air oxidation. Journal of Environmental Management, 2010, 91, 2432-2439.	7.8	37