Elham Farouk Mohamed

List of Publications by Year
in descending order

20	382	759233 12	794594 19
papers	citations	h-index	g-index

20	20	20	390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanotechnology: Future of Environmental Air Pollution Control. Environmental Management and Sustainable Development, 2017, 6, 429.	0.2	65
2	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
3	Production of sugarcane bagasse-based activated carbon for formaldehyde gas removal from potted plants exposure chamber. Journal of the Air and Waste Management Association, 2015, 65, 1413-1420.	1.9	37
4	Biofiltration technology for the removal of toluene from polluted air usingStreptomyces griseus. Environmental Technology (United Kingdom), 2016, 37, 1197-1207.	2.2	36
5	Immobilization of P450 BM3 monooxygenase on hollow nanosphere composite: Application for degradation of organic gases pollutants under solar radiation lamp. Applied Catalysis B: Environmental, 2019, 253, 88-95.	20.2	35
6	Sequential adsorption - photocatalytic oxidation process for wastewater treatment using a composite material TiO₂/activated carbon. Environmental Engineering Research, 2015, 20, 181-189.	2.5	27
7	Seasonal Variation in the Biological Effects of PM2.5 from Greater Cairo. International Journal of Molecular Sciences, 2019, 20, 4970.	4.1	19
8	Toluene, Methanol and Benzaldehyde Removal from Gas Streams by Adsorption onto Natural Clay and Faujasite-Y type Zeolite. Acta Chimica Slovenica, 2016, 63, 798-808.	0.6	19
9	Air purifier devices based on adsorbents produced from valorization of different environmental hazardous materials for ammonia gas control. RSC Advances, 2016, 6, 57284-57292.	3.6	17
10	Photodegradation of gaseous toluene and disinfection of airborne microorganisms from polluted air using immobilized TiO2 nanoparticle photocatalystâ€“based filter. Environmental Science and Pollution Research, 2020, 27, 24507-24517.	5.3	15
11	Hollow N-TiO2/MnO2 nanocomposite based yeast biomass for gaseous formaldehyde degradation under visible light. Journal of Industrial and Engineering Chemistry, 2021, 98, 366-374.	5.8	15
12	Chemical and isotopic fractionation of lead in the surface soils of Egypt. Applied Geochemistry, 2019, 106, 7-16.	3.0	13
13	Synthesis of New Hollow Nanocomposite Photocatalysts: Sunlight Applications for Removal of Gaseous Organic Pollutants. Journal of the Taiwan Institute of Chemical Engineers, 2020, 111, 181-190.	5.3	13
14	Daily submicron particle doses received by populations living in different low- and middle-income countries. Environmental Pollution, 2021, 269, 116229.	7.5	11
15	Solar photocatalytic degradation of organic pollutants from indoor air using novel direct flame combustion based hollow nanocomposite of Pd/Anataseâ€“Rutile TiO2 mixed phase and evaluation of the biocompatibility. Advanced Powder Technology, 2021, 32, 2555-2565.	4.1	8
16	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
17	Soil and plant contamination by potentially toxic and emerging elements and the associated human health risk in some Egyptian environments. Environmental Geochemistry and Health, 2023, 45, 359-379.	3.4	4
18	Nanotechnology and Nanobiotechnology for Environmental Remediation. Nanotechnology in the Life Sciences, 2019, , 77-93.	0.6	2

#	Article	IF	Citations
19	Development of nano-sensor and biosensor as an air pollution detection technique for the foreseeable future. Comprehensive Analytical Chemistry, 2022, , 163-188.	1.3	2
20	Biological processes for air pollution control. , 2022, , 153-166.		0