

Mahmoud M Abdel Daiem

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

897
citations

567281

15
h-index

713466

21
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22
all docs

22
docs citations

22
times ranked

1181
citing authors

#	ARTICLE	IF	CITATIONS
1	Energetic, economic, and environmental perspectives of power generation from residual biomass in Saudi Arabia. <i>AJ - Alexandria Engineering Journal</i> , 2022, 61, 3351-3364.	6.4	15
2	Modeling and optimization of semi-continuous anaerobic co-digestion of activated sludge and wheat straw using Nonlinear Autoregressive Exogenous neural network and seagull algorithm. <i>Energy</i> , 2022, 241, 122939.	8.8	22
3	Identifying the Barriers to Sustainable Management of Construction and Demolition Waste in Developed and Developing Countries. <i>Sustainability</i> , 2022, 14, 7532.	3.2	14
4	Application of an artificial neural network for the improvement of agricultural drainage water quality using a submerged biofilter. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5854-5866.	5.3	14
5	Sustainable waste management of medical waste in African developing countries: A narrative review. <i>Waste Management and Research</i> , 2021, 39, 1149-1163.	3.9	59
6	Prediction of biogas production from anaerobic co-digestion of waste activated sludge and wheat straw using two-dimensional mathematical models and an artificial neural network. <i>Renewable Energy</i> , 2021, 178, 226-240.	8.9	26
7	An initial study about the effect of activated carbon nano-sheets from residual biomass of olive trees pellets on the properties of alkali-activated slag pastes. <i>Journal of Building Engineering</i> , 2021, 44, 102661.	3.4	9
8	Structural-Property Relationship in Activated Carbon Synthesized from Rice Straw for Electronic Application. <i>Polish Journal of Environmental Studies</i> , 2020, 29, 3535-3547.	1.2	8
9	Analysis of energy and greenhouse gas emissions of rice straw to energy chain in Egypt. <i>BioResources</i> , 2020, 15, 1510-1520.	1.0	12
10	Adsorption mechanism and modelling of hydrocarbon contaminants onto rice straw activated carbons. <i>Polish Journal of Chemical Technology</i> , 2019, 21, 1-12.	0.5	14
11	Potential energy from residual biomass of rice straw and sewage sludge in Egypt. <i>Procedia Manufacturing</i> , 2018, 22, 818-825.	1.9	19
12	Removal of compounds used as plasticizers and herbicides from water by means of gamma irradiation. <i>Science of the Total Environment</i> , 2016, 569-570, 518-526.	8.0	22
13	Influence of densification parameters on quality properties of rice straw pellets. <i>Fuel Processing Technology</i> , 2015, 138, 56-64.	7.2	63
14	Single, competitive, and dynamic adsorption on activated carbon of compounds used as plasticizers and herbicides. <i>Science of the Total Environment</i> , 2015, 537, 335-342.	8.0	31
15	Reduction of Ash Sintering Precursor Components in Rice Straw by Water Washing. <i>BioResources</i> , 2014, 9, .	1.0	16
16	Comparative study of the photodegradation of bisphenol A by HO, SO ₄ ^{•-} and CO ₃ ^{•-} /HCO ₃ radicals in aqueous phase. <i>Science of the Total Environment</i> , 2013, 463-464, 423-431.	8.0	120
17	Treatment of water contaminated with diphenolic acid by gamma radiation in the presence of different compounds. <i>Chemical Engineering Journal</i> , 2013, 219, 371-379.	12.7	33
18	Environmental impact of phthalic acid esters and their removal from water and sediments by different technologies – A review. <i>Journal of Environmental Management</i> , 2012, 109, 164-178.	7.8	239

#	ARTICLE	IF	CITATIONS
19	Modeling adsorption rate of organic micropollutants present in landfill leachates onto granular activated carbon. <i>Journal of Colloid and Interface Science</i> , 2012, 385, 174-182.	9.4	76
20	Role of activated carbon in the photocatalytic degradation of 2,4-dichlorophenoxyacetic acid by the UV/TiO ₂ /activated carbon system. <i>Applied Catalysis B: Environmental</i> , 2012, 126, 100-107.	20.2	33
21	Adsorption/bioadsorption of phthalic acid, an organic micropollutant present in landfill leachates, on activated carbons. <i>Journal of Colloid and Interface Science</i> , 2012, 369, 358-365.	9.4	52