Rafidah Hamdan

List of Publications by Citations

Source: https://exaly.com/author-pdf/8564409/rafidah-hamdan-publications-by-citations.pdf
Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33 papers	150 citations	6 h-index	11 g-index
37 ext. papers	206 ext. citations	1.4 avg, IF	3.39 L-index

#	Paper	IF	Citations
33	Removal of heavy metals from mining effluents in tile and electroplating industries using honeydew peel activated carbon: A microstructure and techno-economic analysis. *Journal of Cleaner Production*, **2020**, 251, 119738	10.3	41
32	Factor Affecting Textile Dye Removal Using Adsorbent From Activated Carbon: A Review. *MATEC Web of Conferences*, **2017**, 103, 06015	0.3	16
31	Advanced methods for activated carbon from agriculture wastes; a comprehensive review. *International Journal of Environmental Analytical Chemistry*, **2020**, 1-25	1.8	11
30	Watermelon Rind: A Potential Adsorbent for Zinc Removal. *Applied Mechanics and Materials*, **2014**, 680, 146-149	0.3	11
29	Application of Agricultural Wastes Activated Carbon for Dye Removal An Overview. *MATEC Web of Conferences*, **2017**, 103, 06013	0.3	10
28	Removal of phosphate from wastewater by steel slag with high calcium oxide column filter system; efficiencies and mechanisms study. *Journal of Chemical Technology and Biotechnology*, **2020**, 95, 3232-3240	3.5	6
27	Efficiencies and mechanisms of steel slag with ferric oxides for removing phosphate from wastewater using a column filter system. *Environmental Science and Pollution Research*, **2020**, 27, 35184-35194	5.1	6
26	Pb(II) removal and its adsorption from aqueous solution using zinc oxide/graphene oxide composite. *Chemical Engineering Communications*, **2021**, 208, 646-660	2.2	6
25	Study of The Maximum Uptake Capacity on Various Sizes of Electric Arc Furnace Slag in Phosphorus Aqueous Solutions. *IOP Conference Series: Materials Science and Engineering*, **2016**, 136, 012060	0.4	4
24	Effect of Phosphoric Acid Concentration on the Characteristics of Sugarcane Bagasse Activated Carbon. *IOP Conference Series: Materials Science and Engineering*, **2016**, 136, 012061	0.4	4
23	Comparisons Study of Phosphate Removal in Unaerated and Aerated High Calcium Steel Slag Filter System of Different pH Feed. *MATEC Web of Conferences*, **2017**, 103, 06018	0.3	4
22	A Potential Waste to be Selected as Media for Metal and Nutrient Removal. *IOP Conference Series: Materials Science and Engineering*, **2016**, 136, 012051	0.4	4
21	CHARACTERIZATION OF PHOSPHORIC ACID IMPREGNATED ACTIVATED CARBON PRODUCED FROM HONEYDEW PEEL. *Jurnal Teknologi (Sciences and Engineering)*, **2015**, 76,	1.2	3
20	STUDY OF IN-FILTER PHOSPHORUS REMOVAL MECHANISMS IN AN AERATED BLAST FURNACE SLAG. *International Journal of Research in Engineering and Technology*, **2013**, 02, 130-136		3
19	The Effects of PO43- Removal from Aqueous Solution with Varied Concentrations of Metal Oxides in Steel Slag Filter System. *Journal of Physical Science*, **2018**, 29, 71-80	2	3
18	Adsorption of heavy metals from mining effluents using honeydew peels activated carbon; isotherm, kinetic and column studies. *Journal of Dispersion Science and Technology*, **2021**, 42, 715-729	1.5	3
17	The effect of aerated rock filter geometry on the rate of nitrogen removal from facultative pond effluents. *Water Science and Technology*, **2011**, 63, 841-4	2.2	2

List of Publications

16	Aerated and unaerated steel slag filter systems as polishing unit for phosphorus removal from textile industrial effluent. *Materials Today: Proceedings*, **2020**, 31, 372-377	1.4	2
15	Zeolitic imidazolate framework-L incorporated graphene oxide hybrid for cadmium removal. *Materials Today: Proceedings*, **2021**, 42, 8-14	1.4	2
14	Effects of operating parameters on cadmium removal for wastewater treatment using zeolitic imidazolate framework-L/graphene oxide composite. *Journal of Environmental Chemical Engineering*, **2021**, 9, 106139	6.8	2
13	Characterization study on secondary sewage sludge for replacement in building materials **2017**,		1
12	Efficient Removal of Pb(II) from Aqueous Solution using Zinc Oxide/Graphene Oxide Composite. *IOP Conference Series: Materials Science and Engineering*, **2020**, 736, 052002	0.4	1
11	The Effect of HLRs on Nitrogen Removal by Using a Pilot-scale Aerated Steel Slag System. *MATEC Web of Conferences*, **2017**, 97, 01068	0.3	1
10	Optimizing vertical flow aerated steel slag filter system with nitrifiers bacteria for nutrientsV removal from domestic wastewater: a pilot study. *Journal of Chemical Technology and Biotechnology*, **2021**, 96, 1067-1079	3.5	1
9	Removal of Phosphorus from Domestic Wastewater by Using L-shape Semi Aerated Steel Slag Filter System. *IOP Conference Series: Earth and Environmental Science*, **2022**, 1022, 012062	0.3	1
8	Study of Performance Aeration Rate Effects on Iron and Manganese Removal in Groundwater Using Gravitational Aeration Tower System (GATS). *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012010	0.4	
7	Optimization of pH in Ammonia, Heavy Metals, and Chlorophyll-a Removal by using Electric Arc Furnace Slag and Activated Carbon Cassava Peel. *MATEC Web of Conferences*, **2017**, 103, 06009	0.3	
6	A New Design of Recycled Concrete Aggregates as an Aerated Filter for Removal of Phosphorus. *Journal of Physics: Conference Series*, **2018**, 1049, 012018	0.3	
5	Potential Study of Water Extraction from Selected Plants. *MATEC Web of Conferences*, **2017**, 103, 04023	0.3	
4	Aerated steel slag filter system performance study for pollutants removal from domestic wastewater. *MATEC Web of Conferences*, **2017**, 87, 03012	0.3	
3	Nitrate Removal from Domestic Wastewater by Using Denitrification Limestone Filter. *Advanced Materials Research*, **2014**, 1051, 578-582	0.5	
2	A Bench Model Design of Gravitational Aeration Tower System as Treatment System for Iron Removal in Groundwater. *IOP Conference Series: Materials Science and Engineering*,991, 012099	0.4	
1	Pre-Treatment of Laundry Greywater by Steel Slag for Safe Disposal. *IOP Conference Series: Earth and Environmental Science*, **2022**, 1022, 012060	0.3	