Motasem Y D Alazaiza

List of Publications by Year
in descending order

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40 papers	678 citations	623574 14 h-index	580701 25 g-index
40 all docs	40 docs citations	40 times ranked	361 citing authors

#	Article	IF	Citations
1	Recent advancement in the application of hybrid coagulants in coagulation-flocculation of wastewater: A review. Journal of Cleaner Production, 2022, 345, 131133.	4.6	92
2	An Overview of Per- and Polyfluoroalkyl Substances (PFAS) in the Environment: Source, Fate, Risk and Regulations. Water (Switzerland), 2020, 12, 3590.	1.2	91
3	Recent Advances of Nanoremediation Technologies for Soil and Groundwater Remediation: A Review. Water (Switzerland), 2021, 13, 2186.	1.2	52
4	Application of Natural Coagulants for Pharmaceutical Removal from Water and Wastewater: A Review. Water (Switzerland), 2022, 14, 140.	1.2	44
5	Potential Use of Dimocarpus longan Seeds as a Flocculant in Landfill Leachate Treatment. Water (Switzerland), 2018, 10, 1672.	1.2	37
6	Poultry Slaughterhouse Wastewater Treatment Using Submerged Fibers in an Attached Growth Sequential Batch Reactor. International Journal of Environmental Research and Public Health, 2018, 15, 1734.	1.2	34
7	Iron and manganese removal from groundwater using limestone filter with iron-oxidized bacteria. International Journal of Environmental Science and Technology, 2020, 17, 2667-2680.	1.8	28
8	Spatio-temporal simulation of future urban growth trends using an integrated CA-Markov model. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	28
9	Heat Activated Zeolite for the Reduction of Ammoniacal Nitrogen, Colour, and COD in Landfill Leachate. International Journal of Environmental Research, 2020, 14, 463-478.	1.1	25
10	Potential use of oil palm trunk starch as coagulant and coagulant aid in semi-aerobic landfill leachate treatment. Water Quality Research Journal of Canada, 2019, 54, 203-219.	1.2	22
11	Experimental investigation of cosolvent flushing of DNAPL in double-porosity soil using light transmission visualization. Journal of Hydrology, 2020, 584, 124659.	2.3	19
12	Influence of Macro-pores on DNAPL Migration in Double-Porosity Soil Using Light Transmission Visualization Method. Transport in Porous Media, 2017, 117, 103-123.	1.2	18
13	Non-aqueous phase liquids distribution in three-fluid phase systems in double-porosity soil media: Experimental investigation using image analysis. Groundwater for Sustainable Development, 2018, 7, 133-142.	2.3	17
14	LNAPL saturation distribution under the influence of water table fluctuations using simplified image analysis method. Bulletin of Engineering Geology and the Environment, 2020, 79, 1543-1554.	1.6	17
15	Assessing the influence of infiltration on the migration of light non-aqueous phase liquid in double-porosity soil media using a light transmission visualization method. Hydrogeology Journal, 2019, 27, 581-593.	0.9	14
16	Influence of Jatropha curcas seeds as a natural flocculant on reducing Tin (IV) tetrachloride in the treatment of concentrated stabilised landfill leachate. Chemosphere, 2021, 285, 131484.	4.2	12
17	Assessing the impact of water infiltration on LNAPL mobilization in sand column using simplified image analysis method. Journal of Contaminant Hydrology, 2021, 238, 103769.	1.6	11
18	Assessment of the behaviour of soil structure in double-porosity kaolin media using light transmission visualization (LTV) method. International Journal of Geotechnical Engineering, 2017, 11, 316-320.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Sequential treatment for stabilized landfill leachate by ozonationâ€“adsorption and adsorptionâ€“ozonation methods. International Journal of Environmental Science and Technology, 2021, 18, 861-870.	1.8	9
20	QUANTIFICATION OF DENSE NONAQUEOUS PHASE LIQUID SATURATION IN DOUBLE-POROSITY SOIL MEDIA USING A LIGHT TRANSMISSION VISUALIZATION TECHNIQUE. Journal of Porous Media, 2017, 20, 591-606.	1.0	9
21	Release of colloids in saturated porous media under transient hydro-chemical conditions: A pore-scale study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 614, 126188.	2.3	8
22	Sludge performance in coagulation-flocculation treatment for suspended solids removal from landfill leachate using Tin (IV) chloride and <i>Jatropha curcas</i>. International Journal of Environmental Analytical Chemistry, 2023, 103, 4716-4730.	1.8	8
23	The performance of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:mrow><mml:msub><mml:mi mathvariant="bold-italic">S</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msubsup><mml:mi mathvariant="bold-italic">O</mml:mi><mml:mn>8</mml:mn><mml:mrow><mml:mn>2</mml:mn><mml:mo>â^’</mml:mo></mml:mr Zn2+ oxidation system in landfill leachate treatment. Physics and Chemistry of the Earth, 2020, 120, 102944.	1.2	8
24	Predicting Vertical <scp>LNAPL</scp> Distribution in the Subsurface under the Fluctuating Water Table Effect. Ground Water Monitoring and Remediation, 2022, 42, 47-58.	0.6	8
25	The removal efficiency of iron and manganese from pre-ozonated groundwater using limestone filter. Water Quality Research Journal of Canada, 2020, 55, 167-183.	1.2	7
26	Effectiveness of Fe, Mn, UV254 and Colour Removal from Pre-ozonated Groundwater Using Anthracite Coal. International Journal of Environmental Research, 2021, 15, 245-259.	1.1	7
27	AN OVERVIEW OF PHOTOGRAPHIC METHODS IN MONITORING NON-AQUEOUS PHASE LIQUID MIGRATION IN POROUS MEDIUM. Special Topics and Reviews in Porous Media, 2015, 6, 367-381.	0.6	7
28	Site selection of municipal solid waste incineration plant using GIS and multicriteria decision analysis. Journal of the Air and Waste Management Association, 2022, 72, 1027-1039.	0.9	7
29	Characterization of Capillary Pressureâ€“Saturation Relationships for Double-Porosity Medium Using Light Transmission Visualization Technique. Transport in Porous Media, 2019, 130, 513-528.	1.2	6
30	Diesel Migration and Distribution in Capillary Fringe Using Different Spill Volumes via Image Analysis. Fluids, 2021, 6, 189.	0.8	4
31	Effectiveness of ozonation with zirconium and tin tetrachloride for stabilized anaerobic landfill leachate treatment. Water Environment Research, 2022, 94, e1672.	1.3	4
32	The Potential Use of Nephelium lappaceum Seed as Coagulantâ€“Coagulant Aid in the Treatment of Semi-Aerobic Landfill Leachate. International Journal of Environmental Research and Public Health, 2022, 19, 420.	1.2	4
33	The removal efficiency of total coliform, Escherichia coli, suspended solids, UV254 and colour using Zeliac filter in riverbank filtration system. Water Quality Research Journal of Canada, 2020, 55, 24-35.	1.2	3
34	Influence of alum sludge ash and ground granulated blast furnace slag on properties of cement mortar. Cleaner Engineering and Technology, 2022, 6, 100376.	2.1	3
35	The Prediction of Urban Growth Trends and Patterns using Spatio-temporal CA-MC Model in Seremban Basin. IOP Conference Series: Earth and Environmental Science, 2020, 540, 012028.	0.2	2
36	Effectiveness of Oil Palm Frond Activated Carbon for Removing COD, Color and Fe from Landfill Leachate. Journal of Engineering and Technological Sciences, 2021, 53, 210104.	0.3	2

#	Article	IF	Citations
37	Advanced Treatment of Palm Oil Mill Effluent Using Thermally Activated Persulfate Oxidation. Separations, 2022, 9, 171.	1.1	2
38	Investigation of the influence of particle size on the migration of DNAPL in unsaturated sand. , 2016, , 289-292.		0
39	Investigation of Air Pollution Impact on Kinta River Water Quality at a Tropical Region. IOP Conference Series: Materials Science and Engineering, 2020, 875, 012020.	0.3	0
40	Investigation of integrated municipal solid waste management strategies for Oman: an assessment of waste diversion, electricity generation and greenhouse-gas emissions. Journal of Material Cycles and Waste Management, 2021, 23, 1588-1598.	1.6	0