

Gasim Hayder

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3677350/publications.pdf>

Version: 2024-02-01

49
papers

676
citations

623734

14
h-index

580821

25
g-index

52
all docs

52
docs citations

52
times ranked

491
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-step-ahead prediction of river flow using NARX neural networks and deep learning LSTM. H2Open Journal, 2022, 5, 43-60.	1.7	9
2	Water Quality Predictive Analytics Using an Artificial Neural Network with a Graphical User Interface. Water (Switzerland), 2022, 14, 1221.	2.7	10
3	Circular Economy Framework for Energy Recovery in Phytoremediation of Domestic Wastewater. Energies, 2022, 15, 3075.	3.1	5
4	Recent studies on applications of aquatic weed plants in phytoremediation of wastewater: A review article. Ain Shams Engineering Journal, 2021, 12, 355-365.	6.1	129
5	Evaluation of water lettuce, giant salvinia and water hyacinth systems in phytoremediation of domestic wastewater. H2Open Journal, 2021, 4, 167-181.	1.7	5
6	Effectiveness of Phytoremediation Treatment of Pre-Treated Domestic Wastewater. Ecological Engineering and Environmental Technology, 2021, 22, 124-134.	0.7	0
7	Performance of Salvinia molesta plants in tertiary treatment of domestic wastewater. Heliyon, 2021, 7, e06040.	3.2	8
8	Applications of IoT and Artificial Intelligence in Water Quality Monitoring and Prediction: A Review. , 2021, , .		16
9	Predicting Water Quality Parameters in a Complex River System. Journal of Ecological Engineering, 2021, 22, 250-257.	1.1	7
10	Sugarcane Bagasse as a Co-Substrate with Oil-Refinery Biological Sludge for Biogas Production Using Batch Mesophilic Anaerobic Co-Digestion Technology: Effect of Carbon/Nitrogen Ratio. Water (Switzerland), 2021, 13, 590.	2.7	44
11	Degradation of Cd, Cu, Fe, Mn, Pb and Zn by Moringa-oleifera, zeolite, ferric-chloride, chitosan and alum in an industrial effluent. Ain Shams Engineering Journal, 2021, 12, 57-64.	6.1	39
12	Applications of constructed wetlands and hydroponic systems in phytoremediation of wastewater. IOP Conference Series: Earth and Environmental Science, 2021, 708, 012087.	0.3	2
13	A Performance Comparison of Various Artificial Intelligence Approaches for Estimation of Sediment of River Systems. Journal of Ecological Engineering, 2021, 22, 20-27.	1.1	7
14	A Systematic Literature Review on Waste-to-Resource Potential of Palm Oil Clinker for Sustainable Engineering and Environmental Applications. Materials, 2021, 14, 4456.	2.9	53
15	Cultivation of S. molesta plants for phytoremediation of secondary treated domestic wastewater. Ain Shams Engineering Journal, 2021, 12, 2585-2592.	6.1	13
16	Modelling of River Flow Using Particle Swarm Optimized Cascade-Forward Neural Networks: A Case Study of Kelantan River in Malaysia. Applied Sciences (Switzerland), 2020, 10, 8670.	2.5	17
17	Performance of Pistia stratiotes, Salvinia molesta, and Eichhornia crassipes Aquatic Plants in the Tertiary Treatment of Domestic Wastewater with Varying Retention Times. Applied Sciences (Switzerland), 2020, 10, 9105.	2.5	9
18	Sustainable use of natural and chemical coagulants for contaminants removal from palm oil mill effluent: A comparative analysis. Ain Shams Engineering Journal, 2020, 11, 951-960.	6.1	44

#	ARTICLE	IF	CITATIONS
19	Water quality hazard assessment for hand dug wells in Rafin Zurfi, Bauchi State, Nigeria. <i>Ain Shams Engineering Journal</i> , 2020, 11, 983-999.	6.1	37
20	Customer relationship management systems (CRMS) in the healthcare environment: A systematic literature review. <i>Computer Standards and Interfaces</i> , 2020, 71, 103442.	5.4	38
21	Developing an Assessment Tool for Sustainable and Green Project Management. <i>Water Resources Development and Management</i> , 2020, , 643-652.	0.4	3
22	Microalgae: A Renewable Source for Wastewater Treatment and Feedstock Supply for Biofuel Generation. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 7431-7444.	1.0	7
23	Implementation of Machine Learning Methods for Monitoring and Predicting Water Quality Parameters. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 9285-9295.	1.0	15
24	Assessment of Stormwater Runoff Quality in Various Location in University Campus. <i>Water Resources Development and Management</i> , 2020, , 398-407.	0.4	0
25	The Effect of Acid Treatment on Diatomite and Its Application in Treating Semenyih and Langat River Water. <i>Water Resources Development and Management</i> , 2020, , 341-348.	0.4	0
26	Potential Evapotranspiration Estimation Methods for Water Balance Analysis Using SWAT: A Case Study of Kelantan River Basin, Kelantan. <i>Water Resources Development and Management</i> , 2020, , 90-102.	0.4	0
27	Investigation on the Potential to Integrate Different Artificial Intelligence Models with Metaheuristic Algorithms for Improving River Suspended Sediment Predictions. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4149.	2.5	24
28	Development of a Novel Hybrid Optimization Algorithm for Minimizing Irrigation Deficiencies. <i>Sustainability</i> , 2019, 11, 2337.	3.2	23
29	Performance and Reduction of Carbon Footprint for a Sustainable Campus. <i>International Journal of Engineering and Advanced Technology</i> , 2019, 9, 3489-3493.	0.3	2
30	Water Quality Assessment Klang River Water Treatment Plants. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 639.	0.3	1
31	Operational Noise Assessment in an Open Cycle Power Plant: Study on the Existing Acoustical Performance.. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 11.	0.3	1
32	Treatment of Domestic Wastewater with Fixed Bed Biofilm Reactor. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 22.	0.3	0
33	An Investigation of Attached Biomass on Bio-Media using Scanning Electron Microscopy. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 509.	0.3	0
34	Climate Change Impact Assessment to the Proposed Coal Fired Power Plant Project at East Coast of Peninsular Malaysia. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 538.	0.3	1
35	Nuclear Power Acceptance Among University Staffs and Students. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 32, 012035.	0.3	1
36	Application of Moving Bed Biofilm Reactor (MBBR) and Integrated Fixed Activated Sludge (IFAS) for Biological River Water Purification System: A Short Review. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 32, 012005.	0.3	20

#	ARTICLE	IF	CITATIONS
37	Sustainable waste management of bottom ash as cement replacement in green building. , 2016, , 517-519.		0
38	Evaluation of green roof performances for urban stormwater quantity and quality controls. International Journal of River Basin Management, 2016, 14, 1-7.	2.7	40
39	Comparison of various types of biomedica in river water treatment using attached growth activated sludge process. International Journal of River Basin Management, 2016, 14, 177-182.	2.7	2
40	Implementation of attached growth system in Malaysia: An overview. , 2016, , 235-239.		0
41	The awareness of green building ratings among university students. , 2016, , 183-186.		0
42	Implementation of attached growth system in Malaysia: An overview. , 2016, , 235-239.		0
43	Evaluation of Different Biomedica Performance for River Purification: Preliminary Stage. Applied Mechanics and Materials, 2015, 773-774, 1365-1369.	0.2	1
44	Treatment of Petroleum Refinery Wastewater Using Extended Aeration Activated Sludge. International Journal of Engineering Research in Africa, 2014, 13, 1-7.	0.7	2
45	Prediction model development for petroleum refinery wastewater treatment. Journal of Water Process Engineering, 2014, 4, 1-5.	5.6	19
46	The modelling of an anoxic-aerobic biological reactor. , 2014, , .		1
47	Biological treatability study for refinery wastewater using bench scale sequencing batch reactor systems. , 2011, , .		3
48	The Importance of Lightweight Concrete Technology Development for IBS Industry in Malaysia Based on Cost Comparison between Concrete Slab and Hollow Core Slab: A Case Study of LRT Car Park Project. Applied Mechanics and Materials, 0, 567, 637-641.	0.2	5
49	Experimental Comparison between Moving Bed Biofilm Reactor (MBBR) and Conventional Activated Sludge (CAS) for River Purification Treatment Plant. Advanced Materials Research, 0, 1113, 806-811.	0.3	10