

# Mona G Ibrahim

## List of Publications by Year in descending order

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33  
papers

448  
citations

759055

12  
h-index

794469

19  
g-index

33  
all docs

33  
docs citations

33  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental impact assessment model for buildings's™ construction activities. International Journal of Construction Management, 2022, 22, 849-860.	2.2	5
2	Petrochemical Wastewater Treatment by Eggshell Modified Biochar as Adsorbent: A techno-Economic and Sustainable Approach. Adsorption Science and Technology, 2022, 2022, .	1.5	17
3	Sustainable development goals (SDGs) associated with flash flood hazard mapping and management measures through morphometric evaluation. Geocarto International, 2022, 37, 11116-11133.	1.7	13
4	Transition towards Sustainable Carwash Wastewater Management: Trends and Enabling Technologies at Global Scale. Sustainability, 2022, 14, 5652.	1.6	5
5	Life cycle cost analysis on three high-performance glazing systems for an office building in New Cairo, Egypt. Architectural Engineering and Design Management, 2021, 17, 131-145.	1.2	1
6	Flood Hazard Mapping and Assessment of Precipitation Monitoring System Using GIS-Based Morphometric Analysis and TRMM Data: A Case Study of the Wadi Qena Watershed, Egypt. Applied Environmental Research, 2021, , 45-59.	0.3	0
7	Life cycle assessment and cost-benefit analysis of internal-stack trickling bio-electrochemical reactor: an evaluation for commercial viability. Environmental Technology (United Kingdom), 2021, , 1-11.	1.2	2
8	Sustainable Development Goals (SDGs) Associated with Groundwater Over-Exploitation Vulnerability: Geographic Information System-Based Multi-criteria Decision Analysis. Natural Resources Research, 2021, 30, 4255-4276.	2.2	19
9	Assessment of Green Building Materials's™ Attributes to Achieve Sustainable Building Façades Using AHP. Buildings, 2021, 11, 474.	1.4	16
10	Effect of Water Shortage and Pollution of Irrigation Water on Water Reuse for Irrigation in the Nile Delta. Journal of Irrigation and Drainage Engineering - ASCE, 2020, 146, .	0.6	11
11	Synthesis of sludge-derived biochar modified with eggshell waste for monoethylene glycol removal from aqueous solutions. SN Applied Sciences, 2020, 2, 1.	1.5	24
12	A comparative life cycle assessment of three high-performance glazing systems for office buildings in a hot desert climate zone. Clean Technologies and Environmental Policy, 2020, 22, 1499-1515.	2.1	11
13	Robustness of anaerobes exposed to cyanuric acid contaminated wastewater and achieving efficient removal via optimized co-digestion scheme. Journal of Advanced Research, 2020, 24, 211-222.	4.4	3
14	An integrated assessment of the high-performance glazing systems in the office buildings. , 2019, , .		1
15	Regulating acidogenesis and methanogenesis for the separated bio-generation of hydrogen and methane from saline-to-hypersaline industrial wastewater. Journal of Environmental Management, 2019, 250, 109546.	3.8	20
16	Improving the functional performance of outdoor spaces in hot arid region using photovoltaics systems. , 2019, , .		2
17	Potentials of duckweed (Lemna gibba) for treatment of 1,4-dioxane containing wastewater using duckweed multi-ponds system. Energy Procedia, 2019, 157, 676-682.	1.8	7
18	Statistical Assessment of Rainfall Characteristics in Upper Blue Nile Basin over the Period from 1953 to 2014. Water (Switzerland), 2019, 11, 468.	1.2	25

#	ARTICLE	IF	CITATIONS
19	Assessing the Agricultural Drainage Water with Water Quality Indices in the El-Salam Canal Mega Project, Egypt. <i>Water (Switzerland)</i> , 2019, 11, 1013.	1.2	16
20	Runoff hazard analysis of Wadi Qena Watershed, Egypt based on GIS and remote sensing approach. <i>AEJ - Alexandria Engineering Journal</i> , 2019, 58, 377-385.	3.4	14
21	Development of sustainable landscape design guidelines for a green business park using virtual reality. <i>Sustainable Cities and Society</i> , 2019, 48, 101543.	5.1	23
22	Analysing the Combined Effect of Barrier Wall and Freshwater Injection Countermeasures on Controlling Saltwater Intrusion in Unconfined Coastal Aquifer Systems. <i>Water Resources Management</i> , 2019, 33, 1265-1280.	1.9	40
23	Developing an overall assessment map for flood hazard on large area watershed using multi-method approach: case study of Wadi Qena watershed, Egypt. <i>Natural Hazards</i> , 2019, 95, 739-767.	1.6	19
24	Forecasting future changes in Manzala Lake surface area by considering variations in land use and land cover using remote sensing approach. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	10
25	Developing a New Activity Pollution Index for Emissions Quantitative Assessment in Projects Construction Phase: Case Study of an Administrative Building, Egypt. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 151, 012018.	0.2	0
26	Analysis of sedimentation at the fishing harbor entrance: case study of El-Burullus, Egypt. <i>Journal of Coastal Conservation</i> , 2018, 22, 1143-1156.	0.7	13
27	Flash Flood Risk Estimation of Wadi Qena Watershed, Egypt Using GIS Based Morphometric Analysis. <i>Applied Environmental Research</i> , 2018, , 36-45.	0.3	5
28	Numerical and experimental investigations of the impacts of window parameters on indoor natural ventilation in a residential building. <i>Energy and Buildings</i> , 2017, 141, 321-332.	3.1	65
29	Evaluation of the potential impact of Grand Ethiopian Renaissance Dam and pumping scenarios on groundwater level in the Nile Delta aquifer. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 1356-1367.	1.0	14
30	A MATLAB/SIMULINK model to study the performance of the VFT for the interconnection of weak and strong AC grids. , 2011, , .		6
31	A novel model to study the VFT performance when controlling power transfer between weak and strong AC grids using MATLAB/SIMULINK. , 2010, , .		2
32	Dual biogas and biochar production from rice straw biomass: a techno-economic and sustainable development approach. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	23
33	Dual biogas/biochar production from anaerobic co-digestion of petrochemical and domestic wastewater: a techno-economic and sustainable approach. <i>Biomass Conversion and Biorefinery</i> , 0, , .	2.9	16