

# Mona G Ibrahim

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Statistical Assessment of Rainfall Characteristics in Upper Blue Nile Basin over the Period from 1953 to 2014. <i>Water (Switzerland)</i> , 2019, 11, 468.	1.2	25
4	Synthesis of sludge-derived biochar modified with eggshell waste for monoethylene glycol removal from aqueous solutions. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	24
5	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
6	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
7	Regulating acidogenesis and methanogenesis for the separated bio-generation of hydrogen and methane from saline-to-hypersaline industrial wastewater. <i>Journal of Environmental Management</i> , 2019, 250, 109546.	3.8	20
8	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
9	Sustainable Development Goals (SDGs) Associated with Groundwater Over-Exploitation Vulnerability: Geographic Information System-Based Multi-criteria Decision Analysis. <i>Natural Resources Research</i> , 2021, 30, 4255-4276.	2.2	19
10	Petrochemical Wastewater Treatment by Eggshell Modified Biochar as Adsorbent: A techno-Economic and Sustainable Approach. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	17
11	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
12	Assessment of Green Building Materials's Attributes to Achieve Sustainable Building Façades Using AHP. <i>Buildings</i> , 2021, 11, 474.	1.4	16
13	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
14	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
15	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
16	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
17	Sustainable development goals (SDGs) associated with flash flood hazard mapping and management measures through morphometric evaluation. <i>Geocarto International</i> , 2022, 37, 11116-11133.	1.7	13
18	Effect of Water Shortage and Pollution of Irrigation Water on Water Reuse for Irrigation in the Nile Delta. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2020, 146, .	0.6	11

#	ARTICLE	IF	CITATIONS
19	A comparative life cycle assessment of three high-performance glazing systems for office buildings in a hot desert climate zone. <i>Clean Technologies and Environmental Policy</i> , 2020, 22, 1499-1515.	2.1	11
20	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
21	Potentials of duckweed ( <i>Lemna gibba</i> ) for treatment of 1,4-dioxane containing wastewater using duckweed multi-ponds system. <i>Energy Procedia</i> , 2019, 157, 676-682.	1.8	7
22	A MATLAB/SIMULINK model to study the performance of the VFT for the interconnection of weak and strong AC grids. , 2011, , .		6
23	Environmental impact assessment model for buildingsâ€™ construction activities. <i>International Journal of Construction Management</i> , 2022, 22, 849-860.	2.2	5
24	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
25	Transition towards Sustainable Carwash Wastewater Management: Trends and Enabling Technologies at Global Scale. <i>Sustainability</i> , 2022, 14, 5652.	1.6	5
26	Robustness of anaerobes exposed to cyanuric acid contaminated wastewater and achieving efficient removal via optimized co-digestion scheme. <i>Journal of Advanced Research</i> , 2020, 24, 211-222.	4.4	3
27	A novel model to study the VFT performance when controlling power transfer between weak and strong AC grids using MATLAB/SIMULINK. , 2010, , .		2
28	Improving the functional performance of outdoor spaces in hot arid region using photovoltaics systems. , 2019, , .		2
29	Life cycle assessment and cost-benefit analysis of internal-stack trickling bio-electrochemical reactor: an evaluation for commercial viability. <i>Environmental Technology (United Kingdom)</i> , 2021, , 1-11.	1.2	2
30	An integrated assessment of the high-performance glazing systems in the office buildings. , 2019, , .		1
31	Life cycle cost analysis on three high-performance glazing systems for an office building in New Cairo, Egypt. <i>Architectural Engineering and Design Management</i> , 2021, 17, 131-145.	1.2	1
32	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
33	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. <i>Applied Environmental Research</i> , 2021, , 45-59.	0.3	0