

Hany Abd-Elhamid

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

782
citations

567144

15
h-index

552653

26
g-index

46
all docs

46
docs citations

46
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Numerical Study to Investigate the Impact of Changing the Boundary Water Levels on Saltwater Intrusion in Coastal Aquifers. <i>Water (Switzerland)</i> , 2022, 14, 631.	1.2	1
2	Assessment of Changing the Abstraction and Recharge Rates on the Land Subsidence in the Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2022, 14, 1096.	1.2	3
3	Spatial and Temporal Effects of Irrigation Canals Rehabilitation on the Land and Crop Yields, a Case Study: The Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2022, 14, 808.	1.2	7
4	Spatial and Temporal Variability of Rainfall Trends in Response to Climate Change—A Case Study: Syria. <i>Water (Switzerland)</i> , 2022, 14, 1670.	1.2	6
5	Application of an artificial neural network for the improvement of agricultural drainage water quality using a submerged biofilter. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5854-5866.	2.7	14
6	Reservoir Management by Reducing Evaporation Using Floating Photovoltaic System: A Case Study of Lake Nasser, Egypt. <i>Water (Switzerland)</i> , 2021, 13, 769.	1.2	18
7	Environmental Impact Assessment and Hydraulic Modelling of Different Flood Protection Measures. <i>Water (Switzerland)</i> , 2021, 13, 786.	1.2	3
8	Impact of polluted open-drain geometry on groundwater contaminant in unconfined aquifers. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	2
9	Analytical Solution of Saltwater Intrusion in Coastal Aquifers Considering Climate Changes and Different Boundary Conditions. <i>Water (Switzerland)</i> , 2021, 13, 995.	1.2	14
10	Management of saltwater intrusion in coastal aquifers using different wells systems: a case study of the Nile Delta aquifer in Egypt. <i>Hydrogeology Journal</i> , 2021, 29, 1767-1783.	0.9	27
11	Integrated management of surface water and groundwater to mitigate flood risks and water scarcity in arid and semi-arid regions. <i>Journal of Flood Risk Management</i> , 2021, 14, e12720.	1.6	7
12	Identification of Extreme Weather Events Using Meteorological and Hydrological Indicators in the Laborec River Catchment, Slovakia. <i>Water (Switzerland)</i> , 2021, 13, 1413.	1.2	15
13	Assessing the Impact of Lining Polluted Streams on Groundwater Quality: A Case Study of the Eastern Nile Delta Aquifer, Egypt. <i>Water (Switzerland)</i> , 2021, 13, 1705.	1.2	7
14	Potential Climate Change Impacts on Water Resources in Egypt. <i>Water (Switzerland)</i> , 2021, 13, 1715.	1.2	17
15	Investigating and Managing the Impact of Using Untreated Wastewater for Irrigation on the Groundwater Quality in Arid and Semi-Arid Regions. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7485.	1.2	14
16	Environmental risk assessment focused on water quality in the Laborec River watershed. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 641-654.	1.0	9
17	Improving the Hydraulic Effects Resulting from the Use of a Submerged Biofilter to Enhance Water Quality in Polluted Streams. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12351.	1.2	2
18	Anthropogenic Activity Effects on Canals Morphology, Case Study: Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2020, 12, 3184.	1.2	7

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19	Highways protection from flood hazards, a case study: New Tama road, KSA. <i>Natural Hazards</i> , 2020, 103, 479-496.	1.6	5
20	Evaluating the Impact of Urban Growth on the Design of Storm Water Drainage Systems. <i>Water (Switzerland)</i> , 2020, 12, 1572.	1.2	16
21	Coastal Aquifer Protection from Saltwater Intrusion Using Abstraction of Brackish Water and Recharge of Treated Wastewater: Case Study of the Gaza Aquifer. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, .	0.8	20
22	Effects of Aquifer Bed Slope and Sea Level on Saltwater Intrusion in Coastal Aquifers. <i>Hydrology</i> , 2020, 7, 5.	1.3	12
23	Mitigation of seawater intrusion in coastal aquifers using coastal earth fill considering future sea level rise. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23234-23245.	2.7	20
24	Hydromorphological Numerical Model of the Local Scour Process Around Bridge Piers. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 4183-4199.	1.7	24
25	Evaluation of potential impact of Grand Ethiopian Renaissance Dam on Seawater Intrusion in the Nile Delta Aquifer. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 2321-2332.	1.8	34
26	Efficiency of using different lining materials to protect groundwater from leakage of polluted streams. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2019, 68, 448-459.	0.6	15
27	Numerical analysis of physical barriers systems efficiency in controlling saltwater intrusion in coastal aquifers. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35882-35899.	2.7	22
28	Modelling of Erosion and Transport Processes. <i>Water (Switzerland)</i> , 2019, 11, 2604.	1.2	3
29	Assessing the Potential Impacts of the Grand Ethiopian Renaissance Dam on Water Resources and Soil Salinity in the Nile Delta, Egypt. <i>Sustainability</i> , 2019, 11, 7050.	1.6	19
30	Comprehensive study of the percolation of water from surface runoff with an emphasis on the retention capacity and intensity of precipitation. <i>Water Science and Technology</i> , 2019, 79, 2407-2416.	1.2	6
31	Effect of Topographic Data Accuracy on Watershed Management. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4245.	1.2	13
32	Management of Seawater Intrusion in Coastal Aquifers: A Review. <i>Water (Switzerland)</i> , 2019, 11, 2467.	1.2	97
33	Flood prediction and mitigation in coastal tourism areas, a case study: Hurgada, Egypt. <i>Natural Hazards</i> , 2018, 93, 559-576.	1.6	8
34	Investigation of Saltwater Intrusion in Coastal Aquifers. <i>Handbook of Environmental Chemistry</i> , 2018, , 329-353.	0.2	1
35	Control of Saltwater Intrusion in Coastal Aquifers. <i>Handbook of Environmental Chemistry</i> , 2018, , 355-384.	0.2	8
36	3-D numerical study of local scour around bridge piers. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	2

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37	Investigation and control of seawater intrusion in the Eastern Nile Delta aquifer considering climate change. <i>Water Science and Technology: Water Supply</i> , 2017, 17, 311-323.	1.0	6
38	Simulation of seawater intrusion in the Nile Delta aquifer under the conditions of climate change. <i>Hydrology Research</i> , 2016, 47, 1198-1210.	1.1	48
39	A cost-effective method to protect the coastal regions from sea level rise. A case study: northern coasts of Egypt. <i>Journal of Water and Climate Change</i> , 2016, 7, 114-127.	1.2	7
40	Impact of over-pumping and sea level rise on seawater intrusion in Gaza aquifer (Palestine). <i>Journal of Water and Climate Change</i> , 2015, 6, 891-902.	1.2	14
41	A simulation–optimization model to control seawater intrusion in coastal aquifers using abstraction/recharge wells. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2012, 36, 1757-1779.	1.7	41
42	Impact of sea level rise and over-pumping on seawater intrusion in coastal aquifers. <i>Journal of Water and Climate Change</i> , 2011, 2, 19-28.	1.2	26
43	A density-dependant finite element model for analysis of saltwater intrusion in coastal aquifers. <i>Journal of Hydrology</i> , 2011, 401, 259-271.	2.3	34
44	A Cost-Effective Method to Control Seawater Intrusion in Coastal Aquifers. <i>Water Resources Management</i> , 2011, 25, 2755-2780.	1.9	98
45	Mathematical Models to Control Saltwater Intrusion in Coastal Aquifers. , 2008, , .		10