Maha Abdelazeem

List of Publications by Year
in descending order

22 papers	281 citations	759233 12 h-index	940533 16 g-index
24 all docs	24 docs citations	24 times ranked	159 citing authors

#	Article	IF	Citations
1	Metaheuristics Inversion of Self-Potential Anomalies. Springer Geophysics, 2021, , 35-103.	0.9	4
2	Gravity interpretation for delineating subsurface structures and depth of basement at El Moghra area, North Western Desert, Egypt. NRIAG Journal of Astronomy and Geophysics, 2021, 10, 270-278.	0.9	2
3	Hydrogeophysical investigation at El Moghra Area, North Western Desert, Egypt. Environmental Earth Sciences, 2021, 80, 1.	2.7	10
4	Future Development of Gold Mineralization Utilizing Integrated Geology and Aeromagnetic Techniques: A Case Study in the Barramiya Mining District, Central Eastern Desert of Egypt. Natural Resources Research, 2021, 30, 2007-2028.	4.7	14
5	Magnetometric Identification of Sub-basins for Hydrocarbon Potentialities in Qattara Ridge, North Western Desert, Egypt. Pure and Applied Geophysics, 2021, 178, 995-1020.	1.9	11
6	Geophysical Exploration of Shallow Groundwater Aquifers in Arid Regions: A Case Study of Siwa Oasis, Egypt. Natural Resources Research, 2021, 30, 3355-3384.	4.7	12
7	A hybrid PCG-bat algorithm for 2D gravity inversion: Applications for ore deposits exploration and interpretation of sedimentary basins. Ore Geology Reviews, 2021, 139, 104497.	2.7	8
8	Estimating Model Parameters from Self-Potential Anomaly of 2D Inclined Sheet Using Whale Optimization Algorithm: Applications to Mineral Exploration and Tracing Shear Zones. Natural Resources Research, 2020, 29, 499-519.	4.7	21
9	Impact of Lithofacies and Structures on the Hydrogeochemistry of the Lower Miocene Aquifer at Moghra Oasis, North Western Desert, Egypt. Natural Resources Research, 2020, 29, 3789-3817.	4.7	10
10	Minerals and ore deposits exploration using meta-heuristic based optimization on magnetic data. Contributions To Geophysics and Geodesy, 2020, 50, 161-199.	0.6	19
11	Integrating magnetic and stratigraphic data to delineate the subsurface features in and around new Galala City, Northern Galala Plateau, Egypt. NRIAG Journal of Astronomy and Geophysics, 2019, 8, 131-143.	0.9	8
12	A complete model parameter optimization from self-potential data using Whale algorithm. Journal of Applied Geophysics, 2019, 170, 103825.	2.1	31
13	A minimization approach to depth and shape determination of mineralized zones from potential field data using the Nelder-Mead simplex algorithm. Ore Geology Reviews, 2019, 114, 103123.	2.7	13
14	A Hybrid Grey Wolf-Bat Algorithm for Global Optimization. Advances in Intelligent Systems and Computing, 2018, , 3-12.	0.6	16
15	A solution to unexploded ordnance detection problem from its magnetic anomaly using Kaczmarz regularization. Interpretation, 2016, 4, SH61-SH69.	1.1	13
16	A Hybrid Bat-Regularized Kaczmarz Algorithm to Solve Ill-Posed Geomagnetic Inverse Problem. Advances in Intelligent Systems and Computing, 2016, , 263-272.	0.6	3
17	Integrated geologic and geophysical studies of north unstable shelf seismicity, Egypt. Arabian Journal of Geosciences, 2015, 8, 5475-5490.	1.3	4
18	Remote sensing and geophysical investigations of Moghra Lake in the Qattara Depression, Western Desert, Egypt. Geomorphology, 2014, 207, 10-22.	2.6	25

#	Article	IF	Citations
19	Subsurface structures using a new integrated geophysical analysis, South Aswan, Egypt. Arabian Journal of Geosciences, 2014, 7, 5141-5157.	1.3	14
20	Analysis of magnetic gradients at North East of Wadi Ar Rika quadrangle, Saudi Arabia, to delineate subsurface linear features and faults. NRIAG Journal of Astronomy and Geophysics, 2013, 2, 27-38.	0.9	6
21	Solving ill-posed magnetic inverse problem using a Parameterized Trust-Region Sub-problem. Contributions To Geophysics and Geodesy, 2013, 43, 99-123.	0.6	14
22	Self-Potential Inversion Using Genetic Algorithm. Journal of King Abdulaziz University, Earth Sciences, 2006, 17, 83-101.	0.2	19