

Wael M Badawy

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

231
citations

1040056

9
h-index

1058476

14
g-index

29
all docs

29
docs citations

29
times ranked

180
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry of sediments and surface soils from the Nile Delta and lower Nile valley studied by epithermal neutron activation analysis. <i>Journal of African Earth Sciences</i> , 2015, 107, 57-64.	2.0	33
2	Major and trace element distribution in soil and sediments from the Egyptian central Nile Valley. <i>Journal of African Earth Sciences</i> , 2017, 131, 53-61.	2.0	25
3	Dataset of elemental compositions and pollution indices of soil and sediments: Nile River and delta -Egypt. <i>Data in Brief</i> , 2020, 28, 105009.	1.0	19
4	Assessment of anthropogenic and geogenic impacts on marine sediments along the coastal areas of Egyptian Red Sea. <i>Applied Radiation and Isotopes</i> , 2018, 140, 314-326.	1.5	18
5	Distribution patterns of natural radionuclides and rare earth elements in marine sediments from the Red Sea, Egypt. <i>Applied Radiation and Isotopes</i> , 2019, 151, 171-181.	1.5	17
6	Assessment of atmospheric deposition of major and trace elements using neutron activation analysis and GIS technology: Baku - Azerbaijan. <i>Microchemical Journal</i> , 2019, 147, 605-614.	4.5	15
7	Determination of moisture distributions in porous building bricks by neutron radiography. <i>Applied Radiation and Isotopes</i> , 2020, 156, 108970.	1.5	13
8	Characterization of Trace Elements in Atmospheric Deposition Studied by Moss Biomonitoring in Georgia. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 350-367.	4.1	12
9	A review of major and trace elements in Nile River and Western Red Sea sediments: An approach of geochemistry, pollution, and associated hazards. <i>Applied Radiation and Isotopes</i> , 2021, 170, 109595.	1.5	10
10	Instrumental neutron activation analysis of soil and sediment samples from Siwa Oasis, Egypt. <i>Physics of Particles and Nuclei Letters</i> , 2015, 12, 637-644.	0.4	9
11	Monitoring of air pollutants using plants and co-located soil in Egypt: characteristics, pollution, and toxicity impact. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21049-21066.	5.3	9
12	Estimation of radioecological parameters of soil samples from a phosphatic area. <i>Nuclear Technology and Radiation Protection</i> , 2016, 31, 165-172.	0.8	6
13	Characterization of major and trace elements in coastal sediments along the Egyptian Mediterranean Sea. <i>Marine Pollution Bulletin</i> , 2022, 177, 113526.	5.0	6
14	A simulation model of 3D migration of Cs-137 in soils. <i>Moscow University Soil Science Bulletin</i> , 2011, 66, 163-167.	0.7	5
15	Assessment of industrial contamination of agricultural soil adjacent to Sadat City, Egypt. <i>Ecological Chemistry and Engineering S</i> , 2016, 23, 297-310.	1.5	5
16	Environmental radioactivity of soils and sediments: Egyptian sector of the Nile valley. <i>Isotopes in Environmental and Health Studies</i> , 2018, 54, 535-547.	1.0	5
17	Formation of reference groups for archaeological pottery using neutron activation and multivariate statistical analyses. <i>Archaeometry</i> , 2022, 64, 1377-1393.	1.3	5
18	Instrumental neutron activation analysis of peloids from main Cuban spas. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 317, 1079-1087.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Radiological impact assessment to the environment due to waste from disposal of porcelain. International Journal of Radiation Biology, 2017, 93, 653-659.	1.8	3
20	Neutron activation and ICP-MS analyses of metals in dust samples in Kingdom of Saudi Arabia: concentrations, pollution, and exposure. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	3
21	Vertical Distribution of Major and Trace Elements in a Soil Profile from the Nile Delta, Egypt. Ecological Chemistry and Engineering S, 2020, 27, 281-294.	1.5	3
22	Prompt gamma activation analysis for determining the elemental composition of archaeological ceramics. Applied Radiation and Isotopes, 2022, 183, 110152.	1.5	2
23	Distribution of Major and Trace Elements in Soil and Sediments Along the Nile River and Delta (Egypt): A Case Study. Advances in Science, Technology and Innovation, 2019, , 93-95.	0.4	1
24	Simulation Model of ¹³⁷ Cs Daily Dynamics in the Food Web of the Deciduous Forest Ecosystem. Moscow University Soil Science Bulletin, 2021, 76, 70-77.	0.7	1
25	Datasets of trace elements in shallow marine sediments along the Egyptian shore of the Mediterranean and Red Seas. Data in Brief, 2022, 42, 108217.	1.0	1
26	NEUTRON ACTIVATION ANALYSIS TO PROBE THE AIR POLLUTION USING PLANT BIOMONITORING IN EGYPT. , 0, , .		0
27	Neutron Activation Analysis of PM10 for Air Quality of an Industrial Region in the Czech Republic: A Case Study. Atmosphere, 2022, 13, 479.	2.3	0