

Ebrahim M Eid

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106
papers

1,368
citations

19
h-index

32
g-index

113
ext. papers

1,845
ext. citations

3.3
avg, IF

5.26
L-index

#	Paper	IF	Citations
106	A global map of mangrove forest soil carbon at 30 m spatial resolution. <i>Environmental Research Letters</i> , 2018 , 13, 055002	6.2	139
105	Seasonal courses of nutrients and heavy metals in water, sediment and above- and below-ground <i>Typha domingensis</i> biomass in Lake Burullus (Egypt): Perspectives for phytoremediation. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2012 , 207, 783-794	1.9	69
104	Monthly variations of trace elements accumulation and distribution in above- and below-ground biomass of <i>Phragmites australis</i> (Cav.) Trin. ex Steudel in Lake Burullus (Egypt): A biomonitoring application. <i>Ecological Engineering</i> , 2014 , 73, 17-25	3.9	57
103	Bioaccumulation and translocation of heavy metals by nine native plant species grown at a sewage sludge dump site. <i>International Journal of Phytoremediation</i> , 2016 , 18, 1075-85	3.9	57
102	The effects of different sewage sludge amendment rates on the heavy metal bioaccumulation, growth and biomass of cucumbers (<i>Cucumis sativus</i> L.). <i>Environmental Science and Pollution Research</i> , 2017 , 24, 16371-16382	5.1	55
101	Bioaccumulation and rhizofiltration potential of <i>Pistia stratiotes</i> L. for mitigating water pollution in the Egyptian wetlands. <i>International Journal of Phytoremediation</i> , 2018 , 20, 440-447	3.9	52
100	Effects of different sewage sludge applications on heavy metal accumulation, growth and yield of spinach (<i>Spinacia oleracea</i> L.). <i>International Journal of Phytoremediation</i> , 2017 , 19, 340-347	3.9	38
99	Evaluation of the potential of sewage sludge as a valuable fertilizer for wheat (<i>Triticum aestivum</i> L.) crops. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 392-401	5.1	36
98	Modeling Growth, Carbon Allocation and Nutrient Budgets of <i>Phragmites australis</i> in Lake Burullus, Egypt. <i>Wetlands</i> , 2010 , 30, 240-251	1.7	35
97	Bioaccumulation and translocation of nine heavy metals by in Nile Delta, Egypt: perspectives for phytoremediation. <i>International Journal of Phytoremediation</i> , 2019 , 21, 821-830	3.9	33
96	Phytoremediation of heavy metals by four aquatic macrophytes and their potential use as contamination indicators: a comparative assessment. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 12138-12151	5.1	33
95	Modeling growth dynamics of <i>Typha domingensis</i> (Pers.) Poir. ex Steud. in Lake Burullus, Egypt. <i>Ecological Modelling</i> , 2012 , 243, 63-72	3	31
94	Effects of abiotic conditions on <i>Phragmites australis</i> along geographic gradients in Lake Burullus, Egypt. <i>Aquatic Botany</i> , 2010 , 92, 86-92	1.8	29
93	The evaluation of sewage sludge application as a fertilizer for broad bean (<i>Faba sativa</i> Bernh.) crops. <i>Food and Energy Security</i> , 2018 , 7, e00142	4.1	28
92	Prediction models for evaluating the uptake of heavy metals by cucumbers (<i>Cucumis sativus</i> L.) grown in agricultural soils amended with sewage sludge. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 501	3.1	27
91	Distribution of soil organic carbon in the mangrove <i>Avicennia marina</i> (Forssk.) Vierh. along the Egyptian Red Sea Coast. <i>Regional Studies in Marine Science</i> , 2016 , 3, 76-82	1.5	24
90	Regression models for monitoring trace metal accumulations by <i>Faba sativa</i> Bernh. plants grown in soils amended with different rates of sewage sludge. <i>Scientific Reports</i> , 2019 , 9, 5443	4.9	23

89	Sewage Sludge Application Enhances the Growth of <i>Corchorus olitorius</i> Plants and Provides a Sustainable Practice for Nutrient Recirculation in Agricultural Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2020 , 20, 149-159	3.2	22
88	Decomposition dynamics of <i>Phragmites australis</i> litter in Lake Burullus, Egypt. <i>Plant Species Biology</i> , 2014 , 29, 47-56	1.3	20
87	Effect of the conversion of mangroves into shrimp farms on carbon stock in the sediment along the southern Red Sea coast, Saudi Arabia. <i>Environmental Research</i> , 2019 , 176, 108536	7.9	19
86	Remote sensing of 10 years changes in the vegetation cover of the northwestern coastal land of Red Sea, Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 3169-3179	4	19
85	Evaluation of carbon sequestration potentiality of Lake Burullus, Egypt to mitigate climate change. <i>Egyptian Journal of Aquatic Research</i> , 2013 , 39, 31-38	3.1	18
84	Evaluation of the carbon sequestration capacity of arid mangroves along nutrient availability and salinity gradients along the Red Sea coastline of Saudi Arabia. <i>Oceanologia</i> , 2020 , 62, 56-69	2.2	18
83	Distribution of soil organic carbon in the mangrove forests along the southern Saudi Arabian Red Sea coast. <i>Rendiconti Lincei</i> , 2016 , 27, 629-637	1.7	17
82	Biomonitoring potential of the native aquatic plant <i>Typha domingensis</i> by predicting trace metals accumulation in the Egyptian Lake Burullus. <i>Science of the Total Environment</i> , 2020 , 714, 136603	10.2	16
81	Population characteristics of giant reed (<i>Arundo donax</i> L.) in cultivated and naturalized habitats. <i>Aquatic Botany</i> , 2016 , 129, 1-8	1.8	15
80	Growth dynamics of water hyacinth (<i>Eichhornia crassipes</i>): a modeling approach. <i>Rendiconti Lincei</i> , 2017 , 28, 169-181	1.7	14
79	Common reed (<i>Phragmites australis</i> (Cav.) Trin. ex Steudel) as a candidate for predicting heavy metal contamination in Lake Burullus, Egypt: A biomonitoring approach. <i>Ecological Engineering</i> , 2020 , 148, 105787	3.9	14
78	Growth behaviour of the invasive species <i>Ipomoea carnea</i> in the Nile Delta, Egypt. <i>Hydrobiologia</i> , 2010 , 656, 187-197	2.4	14
77	Application of Irrigation Water Quality Indices and Multivariate Statistical Techniques for Surface Water Quality Assessments in the Northern Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2020 , 12, 3300	3	14
76	Prediction models for evaluating the heavy metal uptake by spinach (<i>Spinacia oleracea</i> L.) from soil amended with sewage sludge. <i>International Journal of Phytoremediation</i> , 2018 , 20, 1418-1426	3.9	14
75	Ten years primary succession on a newly created landfill at a lagoon of the Mediterranean Sea (Lake Burullus RAMSAR site). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2012 , 207, 459-468	1.9	13
74	Combining Water Quality Indices and Multivariate Modeling to Assess Surface Water Quality in the Northern Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2020 , 12, 2142	3	13
73	Prediction models for evaluating heavy metal uptake by L. in soil amended with sewage sludge. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2020 , 55, 151-160	2.3	13
72	Heavy Metal Bioaccumulation, Growth Characteristics, and Yield of L. Grown in Agricultural Soil-Sewage Sludge Mixtures. <i>Plants</i> , 2020 , 9,	4.5	12

71	Integration of Water Quality Indices and Multivariate Modeling for Assessing Surface Water Quality in Qaroun Lake, Egypt. <i>Water (Switzerland)</i> , 2021 , 13, 2258	3	12
70	Population dynamics of <i>Eichhornia crassipes</i> (C. Mart.) Solms in the Nile Delta, Egypt. <i>Plant Species Biology</i> , 2017 , 32, 279-291	1.3	11
69	Seasonal variation in the phytomass, chemical composition and nutritional value of <i>Azolla filiculoides</i> Lam. along the water courses in the Nile Delta, Egypt. <i>Feddes Repertorium</i> , 2012 , 123, 37-49	0.4	11
68	Evaluation of carbon sequestration in the sediment of polluted and non-polluted locations of mangroves. <i>Fundamental and Applied Limnology</i> , 2018 , 192, 53-64	1.9	11
67	Uptake prediction of nine heavy metals by <i>Eichhornia crassipes</i> grown in irrigation canals: A biomonitoring approach. <i>Science of the Total Environment</i> , 2021 , 782, 146887	10.2	11
66	Mangrove health along the hyper-arid southern Red Sea coast of Saudi Arabia. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 189	3.1	10
65	Uptake of Ag, Co and Ni by the Organs of <i>Typha domingensis</i> (Pers.) Poir. ex Steud. in Lake Burullus and Their Potential Use As Contamination Indicators. <i>Open Journal of Modern Hydrology</i> , 2012 , 02, 21-27	0.7	10
64	Effect of the different types of land-use on the distribution of soil organic carbon in north Nile Delta, Egypt. <i>Rendiconti Lincei</i> , 2017 , 28, 481-495	1.7	9
63	Carbon sequestration potential of the five Mediterranean lakes of Egypt. <i>Fundamental and Applied Limnology</i> , 2017 , 190, 87-96	1.9	9
62	Modeling the growth dynamics of <i>Pistia stratiotes</i> L. populations along the water courses of south Nile Delta, Egypt. <i>Rendiconti Lincei</i> , 2016 , 27, 375-382	1.7	9
61	Uptake Prediction of Ten Heavy Metals by <i>Eruca sativa</i> Mill. Cultivated in Soils Amended with Sewage Sludge. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 104, 134-143	2.7	9
60	Insights into hazardous solid waste generation during COVID-19 pandemic and sustainable management approaches for developing countries.. <i>Journal of Material Cycles and Waste Management</i> , 2021 , 23, 2077-2086	3.4	9
59	A sustainable food security approach: Controlled land application of sewage sludge recirculates nutrients to agricultural soils and enhances crop productivity. <i>Food and Energy Security</i> , 2020 , 9, e197	4.1	8
58	Population dynamics of <i>Pistia stratiotes</i> L.. <i>Rendiconti Lincei</i> , 2019 , 30, 367-378	1.7	7
57	Seasonal potential of <i>Phragmites australis</i> in nutrient removal to eliminate the eutrophication in Lake Burullus, Egypt. <i>Journal of Freshwater Ecology</i> , 2020 , 35, 135-155	1.4	7
56	Evaluation of carbon stock in the sediment of two mangrove species, <i>Avicennia marina</i> and <i>Rhizophora mucronata</i> , growing in the Farasan Islands, Saudi Arabia. <i>Oceanologia</i> , 2020 , 62, 200-213	2.2	7
55	Growth dynamics of <i>Potamogeton pectinatus</i> L. in Lake Burullus, Egypt: a modelling approach. <i>African Journal of Ecology</i> , 2014 , 52, 414-426	0.8	7
54	Sustainable Use of Sewage Sludge as a Casing Material for Button Mushroom (<i>Pleurotus ostreatus</i>) Cultivation: Experimental and Prediction Modeling Studies for Uptake of Metal Elements.. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8,	5.6	7

53	Evaluation of the urban heat island over Abha-Khamis Mushait tourist resort due to rapid urbanisation in Asir, Saudi Arabia. <i>Urban Climate</i> , 2021 , 36, 100772	6.8	7
52	Heavy metals uptake by the global economic crop (<i>Pisum sativum</i> L.) grown in contaminated soils and its associated health risks. <i>PLoS ONE</i> , 2021 , 16, e0252229	3.7	7
51	Using Optimized Two and Three-Band Spectral Indices and Multivariate Models to Assess Some Water Quality Indicators of Qaroun Lake in Egypt. <i>Sustainability</i> , 2021 , 13, 10408	3.6	7
50	Prediction models based on soil properties for evaluating the uptake of eight heavy metals by tomato plant (<i>Lycopersicon esculentum</i> Mill.) grown in agricultural soils amended with sewage sludge. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105977	6.8	7
49	Prediction models based on soil properties for evaluating the heavy metal uptake into L. grown in agricultural soils amended with different rates of sewage sludge. <i>International Journal of Environmental Health Research</i> , 2020 , 1-15	3.6	6
48	Phytomass and nutrient value of <i>Potamogeton crispus</i> L. in the water courses of Nile Delta, Egypt. <i>Rendiconti Lincei</i> , 2016 , 27, 251-259	1.7	6
47	Assessment of Soil Pollution Levels in North Nile Delta, by Integrating Contamination Indices, GIS, and Multivariate Modeling. <i>Sustainability</i> , 2021 , 13, 8027	3.6	6
46	Spatial Assessment of Potentially Toxic Elements (PTE) Concentration in <i>Agaricus bisporus</i> Mushroom Collected from Local Vegetable Markets of Uttarakhand State, India. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022 , 8, 452	5.6	6
45	Vegetation diversity along the altitudinal and environmental gradients in the main wadi beds in the mountainous region of South Sinai, Egypt. <i>Journal of Mountain Science</i> , 2020 , 17, 2447-2458	2.1	5
44	Kinetic Studies on Delignification and Heavy Metals Uptake by Shiitake (<i>Lentinula edodes</i>) Mushroom Cultivated on Agro-Industrial Wastes. <i>Horticulturae</i> , 2022 , 8, 316	2.5	5
43	Uptake prediction of ten heavy metals by <i>Corchorus olitorius</i> L. cultivated in soil mixed with sewage sludge. <i>Food and Energy Security</i> , 2020 , 9, e203	4.1	4
42	Prediction models for monitoring heavy-metal accumulation by wheat (<i>T.</i>) plants grown in sewage sludge amended soil. <i>International Journal of Phytoremediation</i> , 2020 , 22, 1000-1008	3.9	4
41	Distribution of soil organic carbon in Wadi Al-Thulaima, Saudi Arabia: A hyper-arid habitat altered by wastewater reuse. <i>Catena</i> , 2018 , 170, 266-271	5.8	4
40	Verification of a numerical growth model of <i>Pistia stratiotes</i> L. using field data from tropical and subtropical sites. <i>Journal of Freshwater Ecology</i> , 2017 , 32, 391-403	1.4	4
39	A GIS-Based Approach for the Quantitative Assessment of Soil Quality and Sustainable Agriculture. <i>Sustainability</i> , 2021 , 13, 13438	3.6	4
38	Richness patterns of endemic and threatened conifers in south-west China: topographic-soil fertility explanation. <i>Environmental Research Letters</i> , 2021 , 16, 034017	6.2	4
37	Supplemental Effects of Biochar and Foliar Application of Ascorbic Acid on Physio-Biochemical Attributes of Barley (<i>Hordeum vulgare</i> L.) under Cadmium-Contaminated Soil. <i>Sustainability</i> , 2021 , 13, 9128	3.6	4
36	Regression Models to Estimate Accumulation Capability of Six Metals by Two Macrophytes, <i>Typha domingensis</i> and <i>Typha elephantina</i> , Grown in an Arid Climate in the Mountainous Region of Taif, Saudi Arabia. <i>Sustainability</i> , 2022 , 14, 1	3.6	4

35	Biotransforming the Spent Substrate of Shiitake Mushroom (<i>Lentinula edodes</i> Berk.): A Synergistic Approach to Biogas Production and Tomato (<i>Solanum lycopersicum</i> L.) Fertilization. <i>Horticulturae</i> , 2022 , 8, 479	2.5	4
34	Bedouin farms in the Saint Katherine mountainous area (South Sinai, Egypt). <i>Journal of Mountain Science</i> , 2019 , 16, 2232-2242	2.1	3
33	Application of sewage sludge combined with thiourea improves the growth and yield attributes of wheat (<i>Triticum aestivum</i> L.) genotypes under arsenic-contaminated soil. <i>PLoS ONE</i> , 2021 , 16, e0259289	3.7	3
32	Integration of Radiometric Ground-Based Data and High-Resolution QuickBird Imagery with Multivariate Modeling to Estimate Maize Traits in the Nile Delta of Egypt. <i>Sensors</i> , 2021 , 21,	3.8	3
31	Combined Use of Endophytic Bacteria and Pre-Sowing Treatment of Thiamine Mitigates the Adverse Effects of Drought Stress in Wheat (<i>Triticum aestivum</i> L.) Cultivars. <i>Sustainability</i> , 2021 , 13, 6582	3.6	3
30	Evaluation of uptake of eight metals by <i>Sorghum bicolor</i> grown in arable soil combined with sewage sludge based on prediction models. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 510	3.1	3
29	Modeling of mineral elements uptake and localization in cabbage inflorescence (<i>Brassica oleracea</i> var. capitata) grown on sugar mill pressmud-amended soils. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 586	3.1	3
28	Combined Use of Sewage Sludge and Plant Growth-Promoting Rhizobia Improves Germination, Biochemical Response and Yield of Ridge Gourd (<i>Luffa acutangula</i> (L.) Roxb.) under Field Conditions. <i>Agriculture (Switzerland)</i> , 2022 , 12, 173	3	2
27	Prediction Models Founded on Soil Characteristics for the Estimated Uptake of Nine Metals by Okra Plant, <i>Abelmoschus esculentus</i> (L.) Moench., Cultivated in Agricultural Soils Modified with Varying Sewage Sludge Concentrations. <i>Sustainability</i> , 2021 , 13, 12356	3.6	2
26	Effect of Protection of Mountainous Vegetation against Over-Grazing and Over-Cutting in South Sinai, Egypt. <i>Diversity</i> , 2021 , 13, 113	2.5	2
25	Structural and Chemical Adaptations of <i>Delile</i> and (L.) Dumort. in Response to Arid Coastal Environments along the Mediterranean Coast of Egypt. <i>Plants</i> , 2021 , 10,	4.5	2
24	Monitored Sewage Sludge Application Improves Soil Quality, Enhances Plant Growth, and Provides Evidence for Metal Remediation by <i>Sorghum bicolor</i> L.. <i>Journal of Soil Science and Plant Nutrition</i> , 2021 , 21, 2325-2338	3.2	2
23	Temporal Potential of <i>Phragmites australis</i> as a Phytoremediator to Remove Ni and Pb from Water and Sediment in Lake Burullus, Egypt. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021 , 106, 516-527	2.7	2
22	Pattern of Urban Flora in Intra-City Railway Habitats (Alexandria, Egypt): A Conservation Perspective. <i>Biology</i> , 2021 , 10,	4.9	2
21	Evaluation of the Phytochemical and Pharmacological Potential of Taif's Rose (Mill var.) for Possible Recycling of Pruning Wastes.. <i>Life</i> , 2022 , 12,	3	2
20	A safe haven of SARS-CoV-2 in the environment: Prevalence and potential transmission risks in the effluent, sludge, and biosolids. <i>Geoscience Frontiers</i> , 2022 , 101373	6	2
19	Utilization of Pollution Indices, Hyperspectral Reflectance Indices, and Data-Driven Multivariate Modelling to Assess the Bottom Sediment Quality of Lake Qaroun, Egypt. <i>Water (Switzerland)</i> , 2022 , 14, 890	3	2
18	Loss of Coastal Wetlands in Lake Burullus, Egypt: A GIS and Remote-Sensing Study. <i>Sustainability</i> , 2022 , 14, 4980	3.6	2

17	Planned Application of Sewage Sludge Recirculates Nutrients to Agricultural Soil and Improves Growth of Okra (<i>Abelmoschus esculentus</i> (L.) Moench) Plants. <i>Sustainability</i> , 2022 , 14, 740	3.6	1
16	Environmental Risk Assessment of Petroleum Activities in Surface Sediments, Suez Gulf, Egypt. <i>Journal of Marine Science and Engineering</i> , 2021 , 9, 473	2.4	1
15	Uptake Prediction of Eight Potentially Toxic Elements by <i>Pistia stratiotes</i> L. Grown in the Al-Sero Drain (South Nile Delta, Egypt): A Biomonitoring Approach. <i>Sustainability</i> , 2021 , 13, 5276	3.6	1
14	Seasonal allocation of carbohydrates between above- and below-ground organs of <i>Typha domingensis</i> . <i>Feddes Repertorium</i> , 2016 , 127, 55-64	0.4	1
13	Determination of carbohydrate allocation patterns in water hyacinth to discover the potential physiological weak points in its life cycle. <i>Journal of Freshwater Ecology</i> , 2018 , 33, 381-394	1.4	1
12	Exploitation of Agro-Industrial Residues for the Formulation of a New Active and Cost Effective Biofungicide to Control the Root Rot of Vegetable Crops. <i>Sustainability</i> , 2021 , 13, 9254	3.6	1
11	Prediction Models for Evaluating the Uptake of Heavy Metals by the Invasive Grass <i>Vossia cuspidata</i> (Roxb.) Griff. in the River Nile, Egypt: A Biomonitoring Approach. <i>Sustainability</i> , 2021 , 13, 10558	3.6	1
10	Archeological Sites and Relict Landscapes as Refuge for Biodiversity: Case Study of Alexandria City, Egypt. <i>Sustainability</i> , 2022 , 14, 2416	3.6	1
9	Standing Crop Biomass and Carbon Content of Mangrove <i>Avicennia marina</i> (Forssk.) Vierh. along the Red Sea Coast of Saudi Arabia. <i>Sustainability</i> , 2021 , 13, 13996	3.6	1
8	Variation in Plant Community Composition and Biomass to Macro and Micronutrients and Salinity across Egypt's Five Major Coastal Lakes. <i>Sustainability</i> , 2022 , 14, 6180	3.6	1
7	Effective Management of Cucumber Powdery Mildew with Essential Oils. <i>Agriculture (Switzerland)</i> , 2021 , 11, 1177	3	0
6	Modeling of water hyacinth growth and its role in heavy metals accumulation from unoperated old Ganga canal at Haridwar, India. <i>Rendiconti Lincei</i> , 1	1.7	0
5	Evaluation of newly reclaimed areas in Saudi Arabia for cultivation of the leguminous crop <i>Phaseolus vulgaris</i> under sewage sludge amendment. <i>Journal Fur Verbraucherschutz Und Lebensmittelsicherheit</i> , 2021 , 16, 153-169	2.3	0
4	Potential risks to endemic conifer montane forests under climate change: integrative approach for conservation prioritization in southwestern China. <i>Landscape Ecology</i> , 2021 , 36, 3137-3151	4.3	0
3	A comparison of the functional traits of <i>Phragmites australis</i> in Lake Burullus (a Ramsar site in Egypt): Young vs. old populations over the nutrient availability gradient. <i>Ecological Engineering</i> , 2021 , 166, 106244	3.9	0
2	Nutrient Remediation Efficiency of the Sedge Plant (<i>Cyperus alopecuroides</i> Rottb.) to Restore Eutrophic Freshwater Ecosystems. <i>Sustainability</i> , 2022 , 14, 2823	3.6	0
1	Seasonal potential of <i>Pistia stratiotes</i> in nutrient removal to eliminate eutrophication in Al-Sero Drain (South Nile Delta, Egypt). <i>Journal of Freshwater Ecology</i> , 2021 , 36, 173-187	1.4	