

# Ahmed F El-Bebany

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

708  
citations

567281

15  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic analysis of the phytopathogenic soilborne fungus <i>Verticillium dahliae</i> reveals differential protein expression in isolates that differ in aggressiveness. <i>Proteomics</i> , 2010, 10, 289-303.	2.2	69
2	Screening of wheat genotypes for leaf rust resistance along with grain yield. <i>Annals of Agricultural Sciences</i> , 2015, 60, 29-39.	2.9	66
3	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.	5.3	66
4	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.	5.3	51
5	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.	3.1	49
6	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.	4.3	37
7	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.	2.7	32
8	Differential Expression of Potato Defence Genes Associated with the Salicylic Acid Defence Signalling Pathway in Response to Weakly and Highly Aggressive Isolates of <i>Verticillium dahliae</i> . <i>Journal of Phytopathology</i> , 2013, 161, 142-153.	1.0	31
9	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.	3.3	30
10	Vegetative compatibility of <i>Verticillium dahliae</i> isolates from potato and sunflower using nitrate non-utilizing ( <i>nit</i> ) mutants and PCR-based approaches. <i>Canadian Journal of Plant Pathology</i> , 2013, 35, 1-9.	1.4	24
11	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.	2.2	23
12	Induction of putative pathogenicity-related genes in <i>Verticillium dahliae</i> in response to elicitation with potato root extracts. <i>Environmental and Experimental Botany</i> , 2011, 72, 251-257.	4.2	20
13	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.	3.1	20
14	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.	6.7	20
15	Heavy Metal Bioaccumulation, Growth Characteristics, and Yield of <i>Pisum sativum</i> L. Grown in Agricultural Soil-Sewage Sludge Mixtures. <i>Plants</i> , 2020, 9, 1300.	3.5	17
16	Plants versus Fungi and Oomycetes: Pathogenesis, Defense and Counter-Defense in the Proteomics Era. <i>International Journal of Molecular Sciences</i> , 2012, 13, 7237-7259.	4.1	15
17	Differential accumulation of phenolic compounds in potato in response to weakly and highly aggressive isolates of <i>Verticillium dahliae</i> . <i>Canadian Journal of Plant Pathology</i> , 2013, 35, 232-240.	1.4	15
18	Prediction models for monitoring heavy-metal accumulation by wheat ( <i>Triticum aestivum</i> L.) plants grown in sewage sludge amended soil. <i>International Journal of Phytoremediation</i> , 2020, 22, 1000-1008.	3.1	12

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19	Productivity and Post-Harvest Fungal Resistance of Hot Pepper as Affected by Potassium Silicate, Clove Extract Foliar Spray and Nitrogen Application. <i>Plants</i> , 2021, 10, 662.	3.5	12
20	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	11
21	Prediction models based on soil properties for evaluating the heavy metal uptake into <i>Hordeum vulgare</i> L. grown in agricultural soils amended with different rates of sewage sludge. <i>International Journal of Environmental Health Research</i> , 2022, 32, 106-120.	2.7	11
22	Overexpression of StRbohA in <i>Arabidopsis thaliana</i> enhances defence responses against <i>Verticillium dahliae</i> . <i>Physiological and Molecular Plant Pathology</i> , 2015, 90, 105-114.	2.5	5
23	Identification and differentiation of soft rot and blackleg bacteria from potato using nested and multiplex PCR. <i>Journal of Plant Diseases and Protection</i> , 2020, 127, 141-153.	2.9	5
24	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.	3.2	3
25	Molecular characterisation and biological control of <i>Aspergillus flavus</i> isolates from Saudi Arabia. <i>Archives of Phytopathology and Plant Protection</i> , 2018, 51, 445-460.	1.3	1
26	Pathogenicity Evaluation of <i>Bipolaris oryzae</i> Isolates on Egyptian Rice Cultivars. <i>Alexandria Science Exchange</i> , 2021, 42, 609-617.	0.1	0