Khalil Mahfouz Saad-Allah

List of Publications by Year in Descending Order

24 papers	185 citations	8 h-index	12 g-index
27 ext. papers	291 ext. citations	3.1 avg, IF	4.07 L-index

#	Paper	IF	Citations
24	Enhancement of growth and physiological traits under drought stress in Faba bean (Vicia faba L.) using nanocomposite. *Journal of Plant Interactions*, **2022**, 17, 404-418	3.8	0
23	Evaluation of Drought Tolerance of Five Maize Genotypes by Virtue of Physiological and Molecular Responses. *Agronomy*, **2022**, 12, 59	3.6	2
22	Carbohydrate fractionation of two congeneric Phlomis species from different microhabitats at Saint Katherine and the western Mediterranean coast of Egypt. *Arabian Journal of Geosciences*, **2022**, 15, 1	1.8	
21	Superabsorbent composites based on rice husk for agricultural applications: Swelling behavior, biodegradability in soil and drought alleviation. *Journal of Saudi Chemical Society*, **2021**, 25, 101254	4.3	4
20	Reducing nitrogen leaching while enhancing growth, yield performance and physiological traits of rice by the application of controlled-release urea fertilizer. *Paddy and Water Environment*, **2021**, 19, 173-188	1.6	4
19	A sustainable approach for bioconversion of food and lignocellulosic wastes into liquid biofuel using a new Metschnikowia pulcherrima isolate. *International Journal of Energy Research*, **2021**, 45, 3430-3441	4.5	3
18	Characterization, antioxidant, and cytotoxic effects of some Egyptian wild plant extracts. *Beni-Suef University Journal of Basic and Applied Sciences*, **2021**, 10,	2.2	5
17	Green synthesis of sulfur nanoparticles using Ocimum basilicum leaves and its prospective effect on manganese-stressed Helianthus annuus (L.) seedlings. *Ecotoxicology and Environmental Safety*, **2020**, 191, 110242	7	24
16	Seed Priming with Greenly Synthesized Sulfur Nanoparticles Enhances Antioxidative Defense Machinery and Restricts Oxidative Injury Under Manganese Stress in Helianthus annuus (L.) Seedlings. *Journal of Plant Growth Regulation*, **2020**, 40, 1894	4.7	8
15	Sulfur nanoparticles mediated improvement of salt tolerance in wheat relates to decreasing oxidative stress and regulating metabolic activity. *Physiology and Molecular Biology of Plants*, **2020**, 26, 2209-2223	2.8	10
14	Parsley Extract Improves Physio-biochemical Traits and the Activity of the Defense System in Mallow (Corchorus Olitorius L.) Under Na2SO4 Salinity. *Gesunde Pflanzen*, **2020**, 72, 321-334	1.9	3
13	Synthesis of montmorillonite-based tris(2-ethylamine)-Schiff-base composites with remarkable antibacterial activity. *Journal of Saudi Chemical Society*, **2020**, 24, 81-91	4.3	1
12	Preparation of organophilic montmorillonite-based dimethylamino benzaldehyde-Schiff-base as antibacterial agents. *Arabian Journal of Chemistry*, **2019**, 12, 405-412	5.9	3
11	Phytochemical and genetic characterization of five quinoa (Willd.) genotypes introduced to Egypt. *Physiology and Molecular Biology of Plants*, **2018**, 24, 617-629	2.8	16
10	Mitigation of drought stress on three summer crop species using the superabsorbent composite Gelatin-g-p(AA-co-AM)/RH. *Communications in Soil Science and Plant Analysis*, **2018**, 49, 2828-2842	1.5	8
9	Phytochemical analysis and assessment of antioxidant and antimicrobial activities of some medicinal plant species from Egyptian flora. *Journal of Applied Biomedicine*, **2018**, 16, 289-300	0.6	19
8	Hyperaccumulation activity and metabolic responses of Solanum nigrum in two differentially polluted growth habitats. *Journal of the Saudi Society of Agricultural Sciences*, **2017**, 16, 227-235	3.3	10

7	Induction of milk thistle (Silybum marianum L. Gaertn) growth and phytochemicals production by natural stimulants. *Journal of Applied Research on Medicinal and Aromatic Plants*, **2017**, 6, 101-110	2.6	4
6	Production of lipid from depolymerised lignocellulose using the biocontrol yeast, Rhodotorula minuta: The fatty acid profile remains stable irrespective of environmental conditions. *European Journal of Lipid Science and Technology*, **2016**, 118, 777-787	3	8
5	Seed Priming with Extracts of two Seaweeds Alleviates the Physiological and Molecular Impacts of Salinity Stress on Radish (Raphanus sativus). *International Journal of Agriculture and Biology*, **2016**, 18, 653-660	1.5	22
4	Synthesis and antimicrobial activity of □aminophosphonates containing chitosan moiety. *Arabian Journal of Chemistry*, **2015**, 8, 427-432	5.9	25
3	Potential of Seaweed Extract on Growth, Physiological, Cytological and Biochemical Parameters of Wheat (Triticum aestivum L.) Seedlings. *Journal of Soil Science and Plant Nutrition*,1	3.2	2
2	Assessment of selenium contribution to salt and water stress tolerance in hydroponically grown cotton (Gossypium barbadense L.). *Journal of Plant Nutrition*,1-17	2.3	0
1	Pre-soaking in Weed Extracts is a Reasonable Approach to Mitigate Fusarium graminearum Infection in Wheat. *Journal of Plant Growth Regulation*,1	4.7	3