Mansour Ghorbanpour

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4688979/publications.pdf

Version: 2024-02-01

86 papers	3,634 citations	172457 29 h-index	144013 57 g-index
89 all docs	89 docs citations	89 times ranked	3602 citing authors

#	Article	IF	Citations
1	Changes in growth and quality performance of Roselle (Hibiscus sabdariffa L.) in response to soil amendments with hydrogel and compost under drought stress. South African Journal of Botany, 2022, 145, 334-347.	2.5	10
2	Effect of different concentrations of IAA, GA3 and chitosan nano-fiber on physio-morphological characteristics and metabolite contents in roselle (Hibiscus sabdariffa L.). South African Journal of Botany, 2022, 145, 323-333.	2.5	17
3	Cadmium and lead differentially affect growth, physiology, and metal accumulation in guar (Cyamopsis tetragonoloba L.) genotypes. Environmental Science and Pollution Research, 2022, 29, 4180-4192.	5.3	6
4	Differential effects of biogenic and chemically synthesized silver-nanoparticles application on physiological traits, antioxidative status and californidine content in California poppy (Eschscholzia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.5	20
5	Selenium- and Silicon-Mediated Recovery of Satureja (Satureja mutica Fisch. & C.ÂA. Mey.) Chemotypes Subjected to Drought Stress Followed by Rewatering. Gesunde Pflanzen, 2022, 74, 737-757.	3.0	2
6	Intercropping improves yield and phytochemical attributes in guar (Cyamopsis tetragonoloba L.) and roselle (Hibiscus sabdariffa L.) plants under nitrogen application. South African Journal of Botany, 2022, 147, 608-617.	2.5	3
7	Role of night interruption lighting and NPK application on growth and flowering of Phalaenopsis. South African Journal of Botany, 2022, 150, 88-98.	2.5	1
8	Trichome Structures and Characterization of Essential Oil Constituents in Iranian populations of Salvia limbata C.A. Meyer. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 41-54.	1.5	5
9	Chitosan-Mediated Changes in dry Matter, Total Phenol Content and Essential Oil Constituents of two Origanum Species under Water Deficit Stress. Gesunde Pflanzen, 2021, 73, 181-191.	3.0	13
10	Transcriptomics Analyses and the Relationship Between Plant and Plant Growth-Promoting Rhizobacteria (PGPR). Rhizosphere Biology, 2021, , 89-111.	0.6	7
11	Variation of morphological and phytochemical traits in Roselle (Hibiscus sabdariffa L.) genotypes under different planting dates. Acta Ecologica Sinica, 2021, , .	1.9	2
12	Genetic structure and essential oil composition in wild populations of Salvia multicaulis Vahl.. Biochemical Systematics and Ecology, 2021, 96, 104269.	1.3	10
13	Single-wall carbon nano tubes (SWCNTs) penetrate Thymus daenensis Celak. plant cells and increase secondary metabolite accumulation in vitro. Industrial Crops and Products, 2021, 165, 113424.	5.2	13
14	Silicon-nanoparticle Mediated Changes in Seed Germination and Vigor Index of Marigold (Calendula) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 575-589.	3.0	20
15	Guar (Cyamopsis tetragonoloba L.) plant gum: From biological applications to advanced nanomedicine. International Journal of Biological Macromolecules, 2021, 193, 1972-1985.	7.5	37
16	Physiological responses and secondary metabolite ingredients in sage plants induced by 24-epibrassinolide foliar application under different water deficit regimes. Scientia Horticulturae, 2020, 263, 109139.	3.6	12
17	Nanosilicon-based recovery of barley (Hordeum vulgare) plants subjected to drought stress. Environmental Science: Nano, 2020, 7, 443-461.	4.3	83
18	Fe0 nanoparticles improve physiological and antioxidative attributes of sunflower (Helianthus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.2	28

#	Article	IF	Citations
19	Diversity of phytochemical components and biological activities in Zataria multiflora Boiss. (Lamiaceae) populations. South African Journal of Botany, 2020, 135, 148-157.	2.5	10
20	Deciphering morpho-physiological and phytochemical attributes of Tanacetum parthenium L. plants exposed to C60 fullerene and salicylic acid. Chemosphere, 2020, 259, 127406.	8.2	21
21	Multi-walled carbon nanotubes stimulate growth, redox reactions and biosynthesis of antioxidant metabolites in Thymus daenensis celak. inÂvitro. Chemosphere, 2020, 249, 126069.	8.2	50
22	Insight into plant-bacteria-fungi interactions to improve plant performance via remediation of heavy metals: an overview. , 2020, , 123-132.		5
23	Beneficial microorganisms in the remediation of heavy metals. , 2020, , 417-423.		4
24	Engineering bacterial ACC deaminase for improving plant productivity under stressful conditions. , 2020, , 259-277.		11
25	Molecular Mechanisms of Heavy Metal Tolerance in Plants. Nanotechnology in the Life Sciences, 2020, , 125-136.	0.6	4
26	Plant Microbiome and Its Important in Stressful Agriculture. , 2020, , 13-48.		12
27	Biogenic Synthesis of Gold Nanoparticles and Their Potential Application in Agriculture. , 2020, , 187-204.		10
28	An Overview on the Effect of Soil Physicochemical Properties on the Immobilization of Biogenic Nanoparticles. , 2020, , 133-160.		2
29	Tolerance mechanisms of medicinal plants to abiotic stresses. , 2020, , 663-679.		9
30	Influence of CeO2-Nanoparticles on morpho-physiological tritas and tanshinone contents of roots in Salvia miltiorrihiza Bunge upon foliar and soil application methods. Journal of Medicinal Plants, 2020, 19, 168-187.	0.3	3
31	Phytoremediation of Contaminated Soils Using Trees. Nanotechnology in the Life Sciences, 2020, , 419-437.	0.6	0
32	Biogenic Nanoparticles in the Insect World: Challenges and Constraints. , 2020, , 173-185.		1
33	Effect of Seed Priming with Nanosilicon on Morpho-Physiological Characterestics, Quercetin Content and Antioxidant Capacity in Calendula officinalis L. under Drought Stress Conditions. Journal of Medicinal Plants, 2020, 4, 186-203.	0.3	4
34	Comparison of morphological and phytochemical characteristics in guar (Cyamopsis tetragonoloba) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Products, 2019, 140, 111606.	5.2	19
35	Application of artificial neural networks for predicting tree survival and mortality in the Hyrcanian forest of Iran. Computers and Electronics in Agriculture, 2019, 164, 104929.	7.7	70
36	Phytoextraction of heavy metals from contaminated soil, water and atmosphere using ornamental plants: mechanisms and efficiency improvement strategies. Environmental Science and Pollution Research, 2019, 26, 8468-8484.	5.3	136

#	Article	IF	Citations
37	The effect of drying methods on yield and chemical constituents of the essential oil in Lavandula angustifolia Mill. (Lamiaceae). Plant Physiology Reports, 2019, 24, 96-103.	1.5	9
38	Enhancement of growth and salt tolerance in Brassica napus L. seedlings by halotolerant Rhizobium strains containing ACC-deaminase activity. Plant Physiology Reports, 2019, 24, 225-235.	1.5	35
39	Physiological and antioxidative responses to GO/PANI nanocomposite in intact and demucilaged seeds and young seedlings of Salvia mirzayanii. Chemosphere, 2019, 233, 920-935.	8.2	27
40	Status and future scope of plant-based green hydrogels in biomedical engineering. Applied Materials Today, 2019, 16, 213-246.	4.3	154
41	Changes in phenological attributes, yield and phytochemical compositions of guar (Cyamopsis) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Horticulturae, 2019, 256, 108577.	3.6	17
42	The potential of biotechnology for mitigation of greenhouse gasses effects: solutions, challenges, and future perspectives. Arabian Journal of Geosciences, 2019, 12, 1.	1.3	7
43	Application of silicon nanoparticles in agriculture. 3 Biotech, 2019, 9, 90.	2.2	328
44	A general overview on application of nanoparticles in agriculture and plant science. Comprehensive Analytical Chemistry, 2019, , 85-110.	1.3	7
45	In vitro mass propagation and conservation of a rare medicinal plant, Zhumeria Majdae Rech.f & Wendelbo (Lamiaceae). Biocatalysis and Agricultural Biotechnology, 2019, 17, 318-325.	3.1	16
46	Salicylic acid induced changes in physiological traits and essential oil constituents in different ecotypes of Thymus kotschyanus and Thymus vulgaris under well-watered and water stress conditions. Industrial Crops and Products, 2019, 129, 561-574.	5.2	50
47	Synthesis and therapeutic potential of silver nanomaterials derived from plant extracts. Ecotoxicology and Environmental Safety, 2019, 168, 260-278.	6.0	111
48	Physico-chemical induced modification of seed germination and early development in artichoke (Cynara scolymus L.) using low energy plasma technology. Physics of Plasmas, 2018, 25, .	1.9	44
49	Potential toxicity of nano-graphene oxide on callus cell of Plantago major L. under polyethylene glycol-induced dehydration. Ecotoxicology and Environmental Safety, 2018, 148, 910-922.	6.0	38
50	Polyamines and their possible mechanisms involved in plant physiological processes and elicitation of secondary metabolites. Acta Physiologiae Plantarum, 2018, 40, 1.	2.1	118
51	Mitigating effect of nano-zerovalent iron, iron sulfate and EDTA against oxidative stress induced by chromium in Helianthus annuus L.. Acta Physiologiae Plantarum, 2018, 40, 1.	2.1	32
52	Recombinant Production and Antimicrobial Assessment of Beta Casein- IbAMP4 as a Novel Antimicrobial Polymeric Protein and its Synergistic Effects with Thymol. International Journal of Peptide Research and Therapeutics, 2018, 24, 213-222.	1.9	17
53	Analysis of phytochemical and morphological variability in different wild-and agro-ecotypic populations of Melissa officinalis L. growing in northern habitats of Iran. Industrial Crops and Products, 2018, 112, 262-273.	5.2	17
54	Mechanisms underlying the protective effects of beneficial fungi against plant diseases. Biological Control, 2018, 117, 147-157.	3.0	210

#	Article	IF	Citations
55	Monitoring cell energy, physiological functions and grain yield in field-grown mung bean exposed to exogenously applied polyamines under drought stress. Journal of Soil Science and Plant Nutrition, 2018, , 0-0.	3.4	13
56	Manganese oxide nanoparticle-induced changes in growth, redox reactions and elicitation of antioxidant metabolites in deadly nightshade (Atropa belladonna L.). Industrial Crops and Products, 2018, 126, 403-414.	5.2	56
57	Exogenous putrescine changes redox regulations and essential oil constituents in field-grown Thymus vulgaris L. under well-watered and drought stress conditions. Industrial Crops and Products, 2018, 122, 119-132.	5.2	83
58	Cold Tolerance in Plants: Molecular Machinery Deciphered. , 2018, , 57-71.		8
59	Engineered Nanomaterials and Their Interactions with Plant Cells: Injury Indices and Detoxification Pathways. Soil Biology, 2017, , 429-453.	0.8	5
60	Physiological and antioxidative responses of medicinal plants exposed to heavy metals stress. Plant Gene, 2017, 11, 247-254.	2.3	129
61	Introduction to Environmental Challenges in All Over the World. , 2017, , 25-48.		5
62	Influence of Distillation Time on the Content and Constituent of Essential Oils Isolated from Lemon verbena (Lippia citriodora Kunth). Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 1083-1089.	1.9	8
63	Heavy metals in contaminated environment: Destiny of secondary metabolite biosynthesis, oxidative status and phytoextraction in medicinal plants. Ecotoxicology and Environmental Safety, 2017, 145, 377-390.	6.0	269
64	Variation of the Phytochemical Constituents of Different Individual Plants inSatureja macrosiphoniaBornm (Labiatae) Growing Wild in Iran. Journal of Essential Oil-bearing Plants: JEOP, 2017, 20, 720-728.	1.9	0
65	Importance of Medicinal and Aromatic Plants in Human Life. , 2017, , 1-23.		11
66	Mechanisms underlying toxicity and stimulatory role of single-walled carbon nanotubes in Hyoscyamus niger during drought stress simulated by polyethylene glycol. Journal of Hazardous Materials, 2017, 324, 306-320.	12.4	131
67	Production of Recombinant Antimicrobial Polymeric Protein Beta Casein-E 50-52 and Its Antimicrobial Synergistic Effects Assessment with Thymol. Molecules, 2017, 22, 822.	3.8	21
68	Increasing Phytoremediation Efficiency of Heavy Metal-Contaminated Soil Using PGPR for Sustainable Agriculture. , 2016, , 187-204.		19
69	Agromorphological Variations and Essential Oil Production of Satureja khuzestanica Jamzad Under Different Planting Densities. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 1102-1110.	1.9	7
70	Engineered nanomaterial-mediated changes in the metabolism of terrestrial plants. Science of the Total Environment, 2016, 571, 275-291.	8.0	135
71	Phytochemical Variations and Enhanced Efficiency of Antioxidant and Antimicrobial Ingredients in Salvia officinalis as Inoculated with Different Rhizobacteria. Chemistry and Biodiversity, 2016, 13, 319-330.	2.1	42
72	Chemical Composition of the Essential Oil ofFerulago phialocarpaRech.f. & H. Riedl., An Endemic Medicinal Plant from Iran. Journal of Essential Oil-bearing Plants: JEOP, 2016, 19, 778-781.	1.9	6

#	Article	IF	Citations
73	Effects of nanoparticulate anatase titanium dioxide on physiological and biochemical performance of Linum usitatissimum (Linaceae) under well-watered and drought stress conditions. Revista Brasileira De Botanica, 2016, 39, 139-146.	1.3	186
74	Assessment of essential oil constituents and main agro-morphological variability in Satureja mutica populations. Revista Brasileira De Botanica, 2016, 39, 77-85.	1.3	13
75	C15082. Phytochemical Variations and Enhanced Efficiency of Antioxidant and Antimicrobial Ingredients inSalvia officinalisas Inoculated with Different Rhizobacteria. Chemistry and Biodiversity, 2016, , n/a-n/a.	2.1	0
76	Activating antioxidant enzymes, hyoscyamine and scopolamine biosynthesis of Hyoscyamus niger L. plants with nano-sized titanium dioxide and bulk application. Acta Agriculturae Slovenica, 2015, 105, .	0.3	66
77	Major essential oil constituents, total phenolics and flavonoids content and antioxidant activity of Salvia officinalis plant in response to nano-titanium dioxide. Indian Journal of Plant Physiology, 2015, 20, 249-256.	0.8	81
78	Changes in growth, antioxidant defense system and major essential oils constituents of Pelargonium graveolens plant exposed to nano-scale silver and thidiazuron. Indian Journal of Plant Physiology, 2015, 20, 116-123.	0.8	38
79	Somaclonal variation in callus samples ofPlantago majorusing inter-simple sequence repeat marker. Caryologia, 2015, 68, 19-24.	0.3	7
80	Multi-walled carbon nanotubes stimulate callus induction, secondary metabolites biosynthesis and antioxidant capacity in medicinal plant Satureja khuzestanica grown in vitro. Carbon, 2015, 94, 749-759.	10.3	168
81	Defense enzyme activities and biochemical variations of Pelargonium zonale in response to nanosilver application and dark storage. Turkish Journal of Biology, 2014, 38, 130-139.	0.8	77
82	Study of Essential Oil Content and Composition of Different Parts of Lemon verbena (Lippia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.9	10
83	Spray treatment with silver nanoparticles plus thidiazuron increases anti-oxidant enzyme activities and reduces petal and leaf abscission in four cultivars of geranium (Pelargonium zonale) during storage in the dark. Journal of Horticultural Science and Biotechnology, 2014, 89, 712-718.	1.9	31
84	The Effect of Different Drying Methods on the Content and Chemical Composition of Essential Oil of Lemon verbena (Lippia citriodora). Journal of Essential Oil-bearing Plants: JEOP, 2013, 16, 474-481.	1.9	16
85	Effect of Nanosilver on Physiological Performance of Pelargonium Plants Exposed to Dark Storage. Journal of Horticultural Research, 2013, 21, 15-20.	0.9	36
86	Role of plant growth promoting rhizobacteria on antioxidant enzyme activities and tropane alkaloids production of Hyoscyamus niger under water deficit stress. Turkish Journal of Biology, 0, , .	0.8	32