

Evren Yildiztugay

List of Publications by Citations

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52
papers

439
citations

11
h-index

18
g-index

64
ext. papers

659
ext. citations

4.7
avg, IF

4.13
L-index

#	Paper	IF	Citations
52	Changes in the alternative electron sinks and antioxidant defence in chloroplasts of the extreme halophyte <i>Eutrema parvulum</i> (<i>Thellungiella parvula</i>) under salinity. <i>Annals of Botany</i> , 2015 , 115, 449-63	4.1	46
51	Hydrogen sulfide (HS) and nitric oxide (NO) alleviate cobalt toxicity in wheat (<i>Triticum aestivum</i> L.) by modulating photosynthesis, chloroplastic redox and antioxidant capacity. <i>Journal of Hazardous Materials</i> , 2020 , 388, 122061	12.8	30
50	The humic acid-induced changes in the water status, chlorophyll fluorescence and antioxidant defense systems of wheat leaves with cadmium stress. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 155, 66-75	7	28
49	The role of antioxidant responses on the tolerance range of extreme halophyte <i>Salsola crassa</i> grown under toxic salt concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2014 , 110, 21-30	7	27
48	The impact of selenium application on enzymatic and non-enzymatic antioxidant systems in <i>Zea mays</i> roots treated with combined osmotic and heat stress. <i>Archives of Agronomy and Soil Science</i> , 2017 , 63, 261-275	2	25
47	Protective roles of exogenously applied gallic acid in <i>Oryza sativa</i> subjected to salt and osmotic stresses: effects on the total antioxidant capacity. <i>Plant Growth Regulation</i> , 2015 , 75, 219-234	3.2	22
46	Exogenous Nitric Oxide (as Sodium Nitroprusside) Ameliorates Polyethylene Glycol-Induced Osmotic Stress in Hydroponically Grown Maize Roots. <i>Journal of Plant Growth Regulation</i> , 2014 , 33, 683-696	4.7	20
45	Halophytes as a source of salt tolerance genes and mechanisms: a case study for the Salt Lake area, Turkey. <i>Functional Plant Biology</i> , 2016 , 43, 575-589	2.7	16
44	Upregulation of antioxidant enzymes by exogenous gallic acid contributes to the amelioration in <i>Oryza sativa</i> roots exposed to salt and osmotic stress. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 1487-98	5.1	15
43	Ferulic acid confers tolerance against excess boron by regulating ROS levels and inducing antioxidant system in wheat leaves (<i>Triticum aestivum</i>). <i>Environmental and Experimental Botany</i> , 2019 , 161, 193-202	5.9	14
42	Flavonoid Naringenin Alleviates Short-Term Osmotic and Salinity Stresses Through Regulating Photosynthetic Machinery and Chloroplastic Antioxidant Metabolism in. <i>Frontiers in Plant Science</i> , 2020 , 11, 682	6.2	12
41	<i>Sphaerophysa kotschyana</i> , an endemic species from Central Anatolia: antioxidant system responses under salt stress. <i>Journal of Plant Research</i> , 2013 , 126, 729-42	2.6	11
40	Chemical profiling of <i>Centaurea bornmuelleri</i> Hausskn. aerial parts by HPLC-MS/MS and their pharmaceutical effects: From nature to novel perspectives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 406-413	3.5	10
39	Rare-earth element scandium improves stomatal regulation and enhances salt and drought stress tolerance by up-regulating antioxidant responses of <i>Oryza sativa</i> . <i>Plant Physiology and Biochemistry</i> , 2020 , 152, 157-169	5.4	10
38	Profiling of polyphenols and sesquiterpenoids using different extraction methods in <i>Muscari turcicum</i> , an endemic plant from Turkey. <i>Industrial Crops and Products</i> , 2020 , 154, 112626	5.9	10
37	Chemical characterization, antioxidant, enzyme inhibitory and cytotoxic properties of two geophytes: <i>Crocus pallasii</i> and <i>Cyclamen cilicium</i> . <i>Food Research International</i> , 2020 , 133, 109129	7	8
36	Variations in osmotic adjustment and water relations of <i>Sphaerophysa kotschyana</i> : Glycine betaine, proline and choline accumulation in response to salinity. <i>Botanical Studies</i> , 2014 , 55, 6	2.3	8

35	Biochar Triggers Systemic Tolerance Against Cobalt Stress in Wheat Leaves Through Regulation of Water Status and Antioxidant Metabolism. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 935-947	3.2	7
34	Profiling of rutin-mediated alleviation of cadmium-induced oxidative stress in <i>Zygophyllum fabago</i> . <i>Environmental Toxicology</i> , 2015 , 30, 816-35	4.2	7
33	Phytochemical Profile and Biological Properties of (Meadow Saffron). <i>Foods</i> , 2020 , 9,	4.9	7
32	Chemical Profiling and Biological Properties of Extracts from Different Parts of Subsp.. <i>Antioxidants</i> , 2019 , 8,	7.1	7
31	Naringenin induces tolerance to salt/osmotic stress through the regulation of nitrogen metabolism, cellular redox and ROS scavenging capacity in bean plants. <i>Plant Physiology and Biochemistry</i> , 2020 , 157, 264-275	5.4	6
30	Modulation of osmotic adjustment and antioxidant status in salt-stressed leaves of <i>Thermopsis turcica</i> . <i>Acta Physiologiae Plantarum</i> , 2014 , 36, 125-138	2.6	6
29	Modulation of osmotic adjustment and enzymatic antioxidant profiling in <i>Apera intermedia</i> exposed to salt stress. <i>Turkish Journal of Botany</i> , 2014 , 38, 99-111	1.3	6
28	Cold stress in soybean (<i>Glycine max L.</i>) roots: Exogenous gallic acid promotes water status and increases antioxidant activities. <i>Botanica Serbica</i> , 2019 , 43, 59-71	0.6	6
27	The functional potential of nine <i>Allium</i> species related to their untargeted phytochemical characterization, antioxidant capacity and enzyme inhibitory ability. <i>Food Chemistry</i> , 2022 , 368, 130782	8.5	6
26	Comprehensive bioactivity and chemical characterization of the endemic plant <i>Scorzonera hieraciifolia</i> Hayek extracts: A promising source of bioactive compounds. <i>Food Research International</i> , 2020 , 137, 109371	7	5
25	Assessment of antioxidant system and enzyme/nonenzyme regulation related to ascorbate-glutathione cycle in ferulic acid-treated <i>Triticumaestivum L.</i> roots under boron toxicity. <i>Turkish Journal of Botany</i> , 2020 , 44, 47-61	1.3	5
24	Improvement of cold stress resistance via free radical scavenging ability and promoted water status and photosynthetic capacity of gallic acid in soybean leaves. <i>Journal of Soil Science and Plant Nutrition</i> , 2017 , 0-0	3.2	5
23	Chemical characterization, cytotoxic, antioxidant, antimicrobial, and enzyme inhibitory effects of different extracts from one sage (<i>L.</i>) from Turkey: open a new window on industrial purposes.. <i>RSC Advances</i> , 2021 , 11, 5295-5310	3.7	5
22	UHPLC-MS Characterization and Biological Insights of Different Solvent Extracts of Two Species (and) from Turkey. <i>Antioxidants</i> , 2021 , 10,	7.1	5
21	Identification of bioactive compounds from <i>Rhaponticoides iconiensis</i> extracts and their bioactivities: An endemic plant to Turkey flora. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 190, 113537	3.5	4
20	Metabolomic profiling and biological properties of six species: novel perspectives for nutraceutical purposes. <i>Food and Function</i> , 2021 , 12, 3443-3454	6.1	4
19	Phenolics from <i>Scorzonera tomentosa L.</i> : Exploring the potential use in industrial applications via an integrated approach. <i>Industrial Crops and Products</i> , 2020 , 154, 112751	5.9	3
18	Humic acid protects against oxidative damage induced by cadmium toxicity in wheat (<i>Triticum aestivum</i>) roots through water management and the antioxidant defence system. <i>Botanica Serbica</i> , 2019 , 43, 161-173	0.6	3

17	and as Sources of Antioxidants and Multi-Target Bioactive Compounds: A Comprehensive Characterization Combining Bioassays and Integrated NMR and LC-MS Characterization by Using a Multivariate Approach. <i>Frontiers in Pharmacology</i> , 2021 , 12, 660735	5.6	3
16	A comprehensive appraisal on Crocus chrysanthus (Herb.) Herb. flower extracts with HPLC-MS/MS profiles, antioxidant and enzyme inhibitory properties. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 164, 581-589	3.5	3
15	The Combination of Mild Salinity Conditions and Exogenously Applied Phenolics Modulates Functional Traits in Lettuce. <i>Plants</i> , 2021 , 10,	4.5	3
14	PHYTOCHEMICAL CHARACTERIZATION OF AN ENDEMIC PLANT USED AS FOODSTUFF IN TURKEY: CENTAUREA URVILLEI SUBSP. STEPPOSA AND ITS ANTIOXIDANT PROPERTIES. <i>International Research Journal of Pharmacy</i> , 2014 , 5, 646-652	0.2	2
13	Metabolomics and Physiological Insights into the Ability of Exogenously Applied Chlorogenic Acid and Hesperidin to Modulate Salt Stress in Lettuce Distinctively. <i>Molecules</i> , 2021 , 26,	4.8	2
12	Exogenous hesperidin and chlorogenic acid alleviate oxidative damage induced by arsenic toxicity in Zea mays through regulating the water status, antioxidant capacity, redox balance and fatty acid composition. <i>Environmental Pollution</i> , 2022 , 292, 118389	9.3	2
11	Comprehensive evaluation of two Astragalus species (A. campylosema and A. hirsutus) based on biological, toxicological properties and chemical profiling. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112330	4.7	2
10	Nanomaterial sulfonated graphene oxide advances the tolerance against nitrate and ammonium toxicity by regulating chloroplastic redox balance, photochemistry of photosystems and antioxidant capacity in Triticum aestivum. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127310	12.8	2
9	Ex-foliar applied extremolyte ectoine improves water management, photosystem, antioxidant system and redox homeostasis in Zea mays under cadmium toxicity. <i>South African Journal of Botany</i> , 2022 , 147, 130-141	2.9	1
8	Chemical characterization and bio-pharmaceutical abilities of five different solvent extracts from aerial parts and roots of Scorzonera hispanica L.. <i>South African Journal of Botany</i> , 2020 , 133, 212-221	2.9	1
7	A comprehensive evaluation of the chemical profiles and biological properties of six geophytes from Turkey: Sources of bioactive compounds for novel nutraceuticals. <i>Food Research International</i> , 2021 , 140, 110068	7	1
6	Rosmarinic acid and hesperidin regulate gas exchange, chlorophyll fluorescence, antioxidant system and the fatty acid biosynthesis-related gene expression in Arabidopsis thaliana under heat stress.. <i>Phytochemistry</i> , 2022 , 113157	4	1
5	The biphasic responses of nanomaterial fullerene on stomatal movement, water status, chlorophyll a fluorescence transient, radical scavenging system and aquaporin-related gene expression in Zea mays under cobalt stress.. <i>Science of the Total Environment</i> , 2022 , 826, 154213	10.2	1
4	Multi-Walled Carbon Nanotubes Influence on Gas Exchange, Redox Reaction and Antioxidant System in Zea mays Exposed to Excessive Copper. <i>Journal of Plant Growth Regulation</i> , 2021 , 53, 1-11	4.7	1
3	Focusing on the Chemical Characterization, Antioxidant and Cytotoxic Properties of Two Geophytes: Crocus Pallasii and Cyclamen Cilicium. <i>Proceedings (mdpi)</i> , 2019 , 40, 17	0.3	1
2	Antioxidant Effects of Different Extracts from Root and Aerial Parts of Scorzonera hieraciifolia. <i>Proceedings (mdpi)</i> , 2019 , 40, 20	0.3	1
1	Hydrogen Sulfide Protects Damage From Methyl Viologen-Mediated Oxidative Stress by Improving Gas Exchange, Fluorescence Kinetics of Photosystem II, and Antioxidant System in Arabidopsis thaliana. <i>Journal of Plant Growth Regulation</i> , 2021 , 53, 1-11	4.7	1