

Evren Yildiztugay

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Ex-foliar applied extremolyte ectoine improves water management, photosystem, antioxidant system and redox homeostasis in <i>Zea mays</i> under cadmium toxicity. <i>South African Journal of Botany</i> , 2022 , 147, 130-141 | 2.9 | 1 |
| 51 | Exogenous hesperidin and chlorogenic acid alleviate oxidative damage induced by arsenic toxicity in <i>Zea mays</i> through regulating the water status, antioxidant capacity, redox balance and fatty acid composition. <i>Environmental Pollution</i> , 2022 , 292, 118389 | 9.3 | 2 |
| 50 | Nanomaterial sulfonated graphene oxide advances the tolerance against nitrate and ammonium toxicity by regulating chloroplastic redox balance, photochemistry of photosystems and antioxidant capacity in <i>Triticum aestivum</i> . <i>Journal of Hazardous Materials</i> , 2022 , 424, 127310 | 12.8 | 2 |
| 49 | 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 |
| 48 | Rosmarinic acid and hesperidin regulate gas exchange, chlorophyll fluorescence, antioxidant system and the fatty acid biosynthesis-related gene expression in <i>Arabidopsis thaliana</i> under heat stress.. <i>Phytochemistry</i> , 2022 , 113157 | 4 | 1 |
| 47 | The biphasic responses of nanomaterial fullerene on stomatal movement, water status, chlorophyll a fluorescence transient, radical scavenging system and aquaporin-related gene expression in <i>Zea mays</i> under cobalt stress.. <i>Science of the Total Environment</i> , 2022 , 826, 154213 | 10.2 | 1 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | UHPLC-MS Characterization and Biological Insights of Different Solvent Extracts of Two Species (and) from Turkey. <i>Antioxidants</i> , 2021 , 10, | 7.1 | 5 |
| 41 | The Combination of Mild Salinity Conditions and Exogenously Applied Phenolics Modulates Functional Traits in Lettuce. <i>Plants</i> , 2021 , 10, | 4.5 | 3 |
| 40 | Comprehensive evaluation of two <i>Astragalus</i> species (<i>A. campylosema</i> and <i>A. hirsutus</i>) based on biological, toxicological properties and chemical profiling. <i>Food and Chemical Toxicology</i> , 2021 , 154, 112330 | 4.7 | 2 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |

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| 35 | 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 |
| 34 | 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 |
| 33 | Assessment of antioxidant system and enzyme/nonenzyme regulation related to ascorbate-glutathione cycle in ferulic acid-treated <i>Triticumaestivum</i> L. roots under boron toxicity. <i>Turkish Journal of Botany</i> , 2020 , 44, 47-61 | 1.3 | 5 |
| 32 | 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 |
| 31 | Phenolics from <i>Scorzonera tomentosa</i> L.: Exploring the potential use in industrial applications via an integrated approach. <i>Industrial Crops and Products</i> , 2020 , 154, 112751 | 5.9 | 3 |
| 30 | Phytochemical Profile and Biological Properties of (Meadow Saffron). <i>Foods</i> , 2020 , 9, | 4.9 | 7 |
| 29 | 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 |
| 28 | 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 |
| 27 | Chemical characterization and bio-pharmaceutical abilities of five different solvent extracts from aerial parts and roots of <i>Scorzonera hispanica</i> L.. <i>South African Journal of Botany</i> , 2020 , 133, 212-221 | 2.9 | 1 |
| 26 | 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 |
| 25 | 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 |
| 24 | Cold stress in soybean (<i>Glycine max</i> L.) roots: Exogenous gallic acid promotes water status and increases antioxidant activities. <i>Botanica Serbica</i> , 2019 , 43, 59-71 | 0.6 | 6 |
| 23 | 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 |
| 22 | Focusing on the Chemical Characterization, Antioxidant and Cytotoxic Properties of Two Geophytes: <i>Crocus Pallasii</i> and <i>Cyclamen Cilicium</i> . <i>Proceedings (mdpi)</i> , 2019 , 40, 17 | 0.3 | |
| 21 | Antioxidant Effects of Different Extracts from Root and Aerial Parts of <i>Scorzonera hieraciifolia</i> . <i>Proceedings (mdpi)</i> , 2019 , 40, 20 | 0.3 | |
| 20 | Chemical Profiling and Biological Properties of Extracts from Different Parts of Subsp.. <i>Antioxidants</i> , 2019 , 8, | 7.1 | 7 |
| 19 | A comprehensive appraisal on <i>Crocus chrysanthus</i> (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 |
| 18 | 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 |

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| 17 | 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 |
| 16 | The impact of selenium application on enzymatic and non-enzymatic antioxidant systems in Zea mays roots treated with combined osmotic and heat stress. <i>Archives of Agronomy and Soil Science</i> , 2017 , 63, 261-275 | 2 | 25 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | PHYTOCHEMICAL CHARACTERIZATION OF AN ENDEMIC PLANT USED AS FOODSTUFF IN TURKEY: <i>CENTAUREA URVILLEI</i> SUBSP. <i>STEPPOSA</i> AND ITS ANTIOXIDANT PROPERTIES. <i>International Research Journal of Pharmacy</i> , 2014 , 5, 646-652 | 0.2 | 2 |
| 4 | 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 |
| 3 | <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 |
| 2 | Multi-Walled Carbon Nanotubes Influence on Gas Exchange, Redox Reaction and Antioxidant System in <i>Zea mays</i> Exposed to Excessive Copper. <i>Journal of Plant Growth Regulation</i> , 1 | 4.7 | |
| 1 | Hydrogen Sulfide Protects Damage From Methyl Viologen-Mediated Oxidative Stress by Improving Gas Exchange, Fluorescence Kinetics of Photosystem II, and Antioxidant System in <i>Arabidopsis thaliana</i> . <i>Journal of Plant Growth Regulation</i> , 1 | 4.7 | |