

# Melike Bor

## List of Publications by Year in descending order

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30  
papers

2,454  
citations

430874  
18  
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477307  
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docs citations

31  
times ranked

2863  
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of Photorespiration Facilitates Drought Stress Tolerance in <i>Lotus corniculatus</i> . <i>Journal of Plant Growth Regulation</i> , 2023, 42, 2088-2101.	5.1	5
2	Day and Night Fluctuations in GABA Biosynthesis Contribute to Drought Responses in <i>Nicotiana tabacum</i> L.. <i>Plant Signaling and Behavior</i> , 2021, 16, 1899672.	2.4	4
3	Three (Turkish) olive cultivars display contrasting salt stress-coping mechanisms under high salinity. <i>Trees - Structure and Function</i> , 2021, 35, 1283-1298.	1.9	5
4	The involvement of gamma-aminobutyric acid shunt in the endoplasmic reticulum stress response of <i>Arabidopsis thaliana</i> . <i>Journal of Plant Physiology</i> , 2020, 253, 153250.	3.5	4
5	N-acyl homoserine lactone-mediated modulation of plant growth and defense against <i>Pseudoperonospora cubensis</i> in cucumber. <i>Journal of Experimental Botany</i> , 2020, 71, 6638-6654.	4.8	14
6	Is there a room for GABA in ROS and RNS signalling?. <i>Environmental and Experimental Botany</i> , 2019, 161, 67-73.	4.2	25
7	Manipulating Metabolic Pathways for Development of Salt-Tolerant Crops. , 2018, , 235-256.		4
8	Association between radionuclides ( <sup>210</sup> Po and <sup>210</sup> Pb) and antioxidant enzymes in oak ( <i>Quercus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	2
9	Ozone triggers different defence mechanisms against powdery mildew ( <i>Blumeria graminis</i> DC. Speer f.) Tj ETQq1 1 0,784314 rgBT /O	2.1	18
10	<i>Arabidopsis</i> NATA1 acetylates putrescine and decreases defense-related hydrogen peroxide accumulation. <i>Plant Physiology</i> , 2016, 171, pp.00446.2016.	4.8	45
11	Histone acetylation influences the transcriptional activation of POX in <i>Beta vulgaris</i> L. and <i>Beta maritima</i> L. under salt stress. <i>Plant Physiology and Biochemistry</i> , 2016, 100, 37-46.	5.8	57
12	Zinc induced activation of GABA-shunt in tobacco ( <i>Nicotiana tabacum</i> L.). <i>Environmental and Experimental Botany</i> , 2016, 122, 78-84.	4.2	25
13	The impact of GABA in harpin-elicited biotic stress responses in <i>Nicotiana tabacum</i> . <i>Journal of Plant Physiology</i> , 2015, 188, 51-57.	3.5	15
14	Contribution of trehalose biosynthetic pathway to drought stress tolerance of <i>Capparis ovata</i> Desf. <i>Plant Biology</i> , 2015, 17, 402-407.	3.8	49
15	Interspecific diversity in root antioxidative enzyme activities reflect root turnover strategies and preferred habitats in wetland graminoids. <i>Ecology and Evolution</i> , 2014, 4, 841-850.	1.9	33
16	Glycine betaine protects tomato ( <i>Solanum lycopersicum</i> ) plants at low temperature by inducing fatty acid desaturase7 and lipoxygenase gene expression. <i>Molecular Biology Reports</i> , 2014, 41, 1401-1410.	2.3	65
17	Gamma-amino butyric acid, glutamate dehydrogenase and glutamate decarboxylase levels in phylogenetically divergent plants. <i>Plant Systematics and Evolution</i> , 2013, 299, 403-412.	0.9	14
18	Combined effects of salt stress and cucurbit downy mildew ( <i>Pseudoperonospora cubensis</i> Berk. and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 ( <i>Cucumis sativus</i> L.) seedlings. <i>Physiological and Molecular Plant Pathology</i> , 2013, 83, 84-92.	2.5	18

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19	Contribution of Gamma amino butyric acid (GABA) to salt stress responses of <i>Nicotiana sylvestris</i> CMSII mutant and wild type plants. <i>Journal of Plant Physiology</i> , 2012, 169, 452-458.	3.5	111
20	Physiochemical and antioxidant responses of the perennial xerophyte <i>Capparis ovata</i> Desf. to drought. <i>Environmental and Experimental Botany</i> , 2009, 66, 487-492.	4.2	163
21	Identification and Characterization of the Glucosinolate-Myrosinase System in Caper ( <i>Capparis ovata</i> ) Tj ETQq1 1 0.784314 rgBT / 0 1.8 11	1.8	11
22	Comparative effects of drought, salt, heavy metal and heat stresses on gamma-aminobutyric acid levels of sesame ( <i>Sesamum indicum</i> L.). <i>Acta Physiologiae Plantarum</i> , 2009, 31, 655-659.	2.1	84
23	Response of the cherry rootstock to water stress induced in vitro. <i>Biologia Plantarum</i> , 2008, 52, 573-576.	1.9	58
24	Mitochondrial respiratory pathways modulate nitrate sensing and nitrogen-dependent regulation of plant architecture in <i>Nicotiana sylvestris</i> . <i>Plant Journal</i> , 2008, 54, 976-992.	5.7	58
25	NaCl pre-treatments mediate salt adaptation in melon plants through antioxidative system. <i>Seed Science and Technology</i> , 2008, 36, 360-370.	1.4	13
26	The effect of salt stress on lipid peroxidation, antioxidative enzymes and proline content of sesame cultivars. <i>Environmental and Experimental Botany</i> , 2007, 60, 344-351.	4.2	391
27	Responses of the cherry rootstock to salinity in vitro. <i>Biologia Plantarum</i> , 2007, 51, 597-600.	1.9	44
28	Differential responses of lipid peroxidation and antioxidants in the leaves of drought-tolerant <i>P. acutifolius</i> Gray and drought-sensitive <i>P. vulgaris</i> L. subjected to polyethylene glycol mediated water stress. <i>Plant Science</i> , 2005, 168, 223-231.	3.6	416
29	Effects of 24-epibrassinolide on seed germination, seedling growth, lipid peroxidation, proline content and antioxidative system of rice ( <i>Oryza sativa</i> L.) under salinity stress. <i>Plant Growth Regulation</i> , 2004, 42, 203-211.	3.4	228
30	The effect of salt stress on lipid peroxidation and antioxidants in leaves of sugar beet <i>Beta vulgaris</i> L. and wild beet <i>Beta maritima</i> L.. <i>Plant Science</i> , 2003, 164, 77-84.	3.6	472