

# Melike Bor

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,454  
citations

430442

18  
h-index

476904

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2863  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	472
2	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.	1.7	416
3	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.	2.0	391
4	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.	1.8	228
5	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.	2.0	163
6	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.	1.6	111
7	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.	1.0	84
8	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.	1.0	65
9	Response of the cherry rootstock to water stress induced in vitro. <i>Biologia Plantarum</i> , 2008, 52, 573-576.	1.9	58
10	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.	2.8	58
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.	2.8	57
12	Contribution of trehalose biosynthetic pathway to drought stress tolerance of <i>Capparis ovata</i> Desf. <i>Plant Biology</i> , 2015, 17, 402-407.	1.8	49
13	<i>Arabidopsis</i> NATA1 acetylates putrescine and decreases defense-related hydrogen peroxide accumulation. <i>Plant Physiology</i> , 2016, 171, pp.00446.2016.	2.3	45
14	Responses of the cherry rootstock to salinity in vitro. <i>Biologia Plantarum</i> , 2007, 51, 597-600.	1.9	44
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.	0.8	33
16	Zinc induced activation of GABA-shunt in tobacco ( <i>Nicotiana tabaccum</i> L.). <i>Environmental and Experimental Botany</i> , 2016, 122, 78-84.	2.0	25
17	Is there a room for GABA in ROS and RNS signalling?. <i>Environmental and Experimental Botany</i> , 2019, 161, 67-73.	2.0	25
18	Combined effects of salt stress and cucurbit downy mildew ( <i>Pseudoperospora cubensis</i> Berk. and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 00</i> ( <i>Cucumis sativus</i> L.) seedlings. <i>Physiological and Molecular Plant Pathology</i> , 2013, 83, 84-92.	1.3	18

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19	Ozone triggers different defence mechanisms against powdery mildew ( <i>Blumeria graminis</i> DC. Speer f.) Tj ETQq1 1,0,784314,rgBT /Overlock 10 Tf 5	1.1	18
20	The impact of GABA in harpin-elicited biotic stress responses in <i>Nicotiana tabaccum</i> . <i>Journal of Plant Physiology</i> , 2015, 188, 51-57.	1.6	15
21	Gamma-amino butyric acid, glutamate dehydrogenase and glutamate decarboxylase levels in phylogenetically divergent plants. <i>Plant Systematics and Evolution</i> , 2013, 299, 403-412.	0.3	14
22	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.	2.4	14
23	NaCl pre-treatments mediate salt adaptation in melon plants through antioxidative system. <i>Seed Science and Technology</i> , 2008, 36, 360-370.	0.6	13
24	Identification and Characterization of the Glucosinolateâ€“Myrosinase System in Caper ( <i>Capparis ovata</i> ) Tj ETQq0 0,0 rgBT /Overlock 10 Tf 5	1.0	11
25	Three (Turkish) olive cultivars display contrasting salt stress-coping mechanisms under high salinity. <i>Trees - Structure and Function</i> , 2021, 35, 1283-1298.	0.9	5
26	Activation of Photorespiration Facilitates Drought Stress Tolerance in <i>Lotus corniculatus</i> . <i>Journal of Plant Growth Regulation</i> , 2023, 42, 2088-2101.	2.8	5
27	Manipulating Metabolic Pathways for Development of Salt-Tolerant Crops. , 2018, , 235-256.		4
28	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.	1.6	4
29	Day and Night Fluctuations in GABA Biosynthesis Contribute to Drought Responses in <i>Nicotiana tabaccum</i> . <i>Plant Signaling and Behavior</i> , 2021, 16, 1899672.	1.2	4
30	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	0.9	2