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List of Publications by Year in descending order

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41
papers

1,039
citations

471509

17
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434195

31
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docs citations

41
times ranked

1167
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth and physiological responses of canola (<i>Brassica napus</i>) to three components of global climate change: temperature, carbon dioxide and drought. <i>Physiologia Plantarum</i> , 2006, 128, 710-721.	5.2	166
2	Growth and physiological responses of canola (<i>Brassica napus</i>) to UV-B and CO ₂ under controlled environment conditions. <i>Physiologia Plantarum</i> , 2005, 125, 247-259.	5.2	86
3	A rapid effect of applied brassinolide on abscisic acid concentrations in <i>Brassica napus</i> leaf tissue subjected to short-term heat stress. <i>Plant Growth Regulation</i> , 2008, 55, 165-167.	3.4	67
4	Environmental Factors Influence Plant Vascular System and Water Regulation. <i>Plants</i> , 2019, 8, 65.	3.5	67
5	Effects of temperature and watering regime on growth, gas exchange and abscisic acid content of canola (<i>Brassica napus</i>) seedlings. <i>Environmental and Experimental Botany</i> , 2012, 75, 107-113.	4.2	66
6	Methane emissions from six crop species exposed to three components of global climate change: temperature, ultraviolet-B radiation and water stress. <i>Physiologia Plantarum</i> , 2009, 137, 139-147.	5.2	62
7	Pre- and post-dispersal factors regulate germination patterns and structural characteristics of Scotch thistle (<i>Onopordum acanthium</i>) cypselas. <i>New Phytologist</i> , 2003, 159, 263-278.	7.3	44
8	Elevated carbon dioxide decreases the adverse effects of higher temperature and drought stress by mitigating oxidative stress and improving water status in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2019, 250, 1191-1214.	3.2	33
9	Seed bank dynamics of <i>Onopordum acanthium</i> : emergence patterns and chemical attributes. <i>Journal of Ecology</i> , 2002, 90, 672-683.	4.0	32
10	Morphological and physiological responses of canola (<i>Brassica napus</i>) siliques and seeds to UVB and CO ₂ under controlled environment conditions. <i>Environmental and Experimental Botany</i> , 2007, 60, 428-437.	4.2	32
11	Does salicylic acid mitigate the adverse effects of temperature and ultraviolet-B radiation on pea (<i>Pisum sativum</i>)? <i>Journal of Agricultural Science</i> , 2017, 150, 1-8.	4.2	31
12	Variation in germination response within Scotch thistle, <i>Onopordum acanthium</i> L., populations matured under greenhouse and field conditions. <i>Ecoscience</i> , 2000, 7, 57-65.	1.4	30
13	Title is missing!. <i>Plant Ecology</i> , 2002, 162, 1-8.	1.6	30
14	Interactive effects of temperature and UVB radiation on methane emissions from different organs of pea plants grown in hydroponic system. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 166, 193-201.	3.8	29
15	Stressed crops emit more methane despite the mitigating effects of elevated carbon dioxide. <i>Functional Plant Biology</i> , 2011, 38, 97.	2.1	26
16	Growth and physiological responses of an invasive alien species, <i>Silene noctiflora</i> , during two developmental stages to four levels of ultraviolet-B radiation. <i>Ecoscience</i> , 2008, 15, 150-159.	1.4	20
17	Light quality and quantity regulate aerobic methane emissions from plants. <i>Physiologia Plantarum</i> , 2017, 159, 313-328.	5.2	20
18	Unravelling the effects of blue light on aerobic methane emissions from canola. <i>Journal of Plant Physiology</i> , 2019, 233, 12-19.	3.5	18

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19	Maturation temperature regulates germinability and chemical constituents of Scotch thistle (<i>Onopordum acanthium</i>) cypselas. <i>Canadian Journal of Botany</i> , 2006, 84, 28-38.	1.1	16
20	Isolation and structural characterization of a water-soluble germination inhibitor from Scotch thistle (<i>Onopordum acanthium</i>) cypselas. <i>Journal of Chemical Ecology</i> , 2003, 29, 2425-2438.	1.8	15
21	Individual and interactive effects of temperature and light intensity on canola growth, physiological characteristics and methane emissions. <i>Plant Physiology and Biochemistry</i> , 2020, 157, 160-168.	5.8	14
22	Crop Responses to Elevated Carbon Dioxide and Temperature. <i>Environmental Science and Engineering</i> , 2009, , 1-18.	0.2	14
23	Single and interactive effects of temperature, carbon dioxide, and watering regime on the invasive weed black knapweed (<i>Centaurea nigra</i>). <i>Ecoscience</i> , 2013, 20, 328-338.	1.4	13
24	Single and Interactive Effects of Temperature and Light Quality on Four Canola Cultivars. <i>Journal of Agronomy and Crop Science</i> , 2013, 199, 286-298.	3.5	13
25	Single and combined effects of temperature and red:far-red light ratio on evening primrose (<i>Oenothera biennis</i>). <i>Botany</i> , 2015, 93, 475-483.	1.0	13
26	The Biology of Canadian Weeds. 147. <i>Onopordum acanthium</i> L.. <i>Canadian Journal of Plant Science</i> , 2011, 91, 739-758.	0.9	11
27	Interpopulation variation in germination responses of Scotch thistle, <i>Onopordum acanthium</i> L., to various concentrations of GA ₃ , KNO ₃ , and NaHCO ₃ . <i>Canadian Journal of Botany</i> , 2000, 78, 1156-1163.	1.1	10
28	Intrashoot variation in aerobic methane emissions from pea plants exposed to multiple abiotic stresses. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	10
29	Interactive effects of temperature, carbon dioxide and watering regime on seed germinability of two genotypes of <i>Arabidopsis thaliana</i> . <i>Seed Science Research</i> , 2019, 29, 12-20.	1.7	10
30	Aerobic methane emissions from stinkweed (<i>Thlaspi arvense</i>) capsules. <i>Plant Signaling and Behavior</i> , 2014, 9, e970095.	2.4	8
31	Effects of collection time and after-ripening on chemical constituents and germinability of Scotch thistle (<i>Onopordum acanthium</i>) cypselas. <i>Botany</i> , 2012, 90, 755-762.	1.0	6
32	Individual and interactive effects of temperature, carbon dioxide and abscisic acid on mung bean (<i>Vigna radiata</i>) plants. <i>Journal of Plant Interactions</i> , 2017, 12, 295-303.	2.1	6
33	Single and interactive effects of temperature, carbon dioxide and watering regime on plant growth and reproductive yield of two genotypes of <i>Arabidopsis thaliana</i> . <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	5
34	Differential effects of environmental stressors on physiological processes and methane emissions in pea (<i>Pisum sativum</i>) plants at various growth stages. <i>Plant Physiology and Biochemistry</i> , 2019, 139, 715-723.	5.8	3
35	Maternal Environmental Effects of Temperature and Exogenous Gibberellic Acid on Seed and Seedling Traits of Four Populations of Evening Primrose (<i>Oenothera biennis</i>). <i>Seeds</i> , 2022, 1, 110-125.	1.8	3
36	Processing Tomato and Weed Response to Flufenacet plus Metribuzin. <i>Weed Technology</i> , 2004, 18, 801-809.	0.9	2

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37	Does temperature regulate light quality effects on <i>Abutilon theophrasti</i> ?. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	2
38	Inter- and intra-varietal variation in aerobic methane emissions from environmentally stressed pea plants. <i>Botany</i> , 2018, 96, 837-850.	1.0	2
39	Methane emissions from reproductive organs of pea plants exposed to multiple abiotic factors. <i>Theoretical and Experimental Plant Physiology</i> , 2020, 32, 79-87.	2.4	2
40	Independent effects of blue light and abscisic acid on methane emissions from canola plants grown under sterile conditions. <i>Theoretical and Experimental Plant Physiology</i> , 2021, 33, 271-280.	2.4	1
41	Exogenous ethylene increases methane emissions from canola by adversely affecting plant growth and physiological processes. <i>Botany</i> , 2021, 99, 421-431.	1.0	1