Mirwais M Qaderi

List of Publications by Year
in descending order

41 papers	1,039 citations	471509 17 h-index	434195 31 g-index
41 all docs	41 docs citations	41 times ranked	1167 citing authors

#	Article	IF	Citations
1	Maternal Environmental Effects of Temperature and Exogenous Gibberellic Acid on Seed and Seedling Traits of Four Populations of Evening Primrose (Oenothera biennis). Seeds, 2022, 1, 110-125.	1.8	3
2	Independent effects of blue light and abscisic acid on methane emissions from canola plants grown under sterile conditions. Theoretical and Experimental Plant Physiology, 2021, 33, 271-280.	2.4	1
3	Exogenous ethylene increases methane emissions from canola by adversely affecting plant growth and physiological processes. Botany, 2021, 99, 421-431.	1.0	1
4	Single and interactive effects of temperature, carbon dioxide and watering regime on plant growth and reproductive yield of two genotypes of Arabidopsis thaliana. Acta Physiologiae Plantarum, 2021, 43, 1.	2.1	5
5	Individual and interactive effects of temperature and light intensity on canola growth, physiological characteristics and methane emissions. Plant Physiology and Biochemistry, 2020, 157, 160-168.	5.8	14
6	Methane emissions from reproductive organs of pea plants exposed to multiple abiotic factors. Theoretical and Experimental Plant Physiology, 2020, 32, 79-87.	2.4	2
7	Elevated carbon dioxide decreases the adverse effects of higher temperature and drought stress by mitigating oxidative stress and improving water status in Arabidopsis thaliana. Planta, 2019, 250, 1191-1214.	3.2	33
8	Differential effects of environmental stressors on physiological processes and methane emissions in pea (Pisum sativum) plants at various growth stages. Plant Physiology and Biochemistry, 2019, 139, 715-723.	5.8	3
9	Environmental Factors Influence Plant Vascular System and Water Regulation. Plants, 2019, 8, 65.	3.5	67
10	Interactive effects of temperature, carbon dioxide and watering regime on seed germinability of two genotypes of Arabidopsis thaliana. Seed Science Research, 2019, 29, 12-20.	1.7	10
11	Unravelling the effects of blue light on aerobic methane emissions from canola. Journal of Plant Physiology, 2019, 233, 12-19.	3.5	18
12	Inter- and intra-varietal variation in aerobic methane emissions from environmentally stressed pea plants. Botany, 2018, 96, 837-850.	1.0	2
13	Intrashoot variation in aerobic methane emissions from pea plants exposed to multiple abiotic stresses. Acta Physiologiae Plantarum, 2017, 39, 1.	2.1	10
14	Interactive effects of temperature and UVB radiation on methane emissions from different organs of pea plants grown in hydroponic system. Journal of Photochemistry and Photobiology B: Biology, 2017, 166, 193-201.	3.8	29
15	Individual and interactive effects of temperature, carbon dioxide and abscisic acid on mung bean (Vigna radiata) plants. Journal of Plant Interactions, 2017, 12, 295-303.	2.1	6
16	Light quality and quantity regulate aerobic methane emissions from plants. Physiologia Plantarum, 2017, 159, 313-328.	5.2	20
17	Does salicylic acid mitigate the adverse effects of temperature and ultraviolet-B radiation on pea () Tj ETQq1 1 0.784314 rgBT /Overlo	4.2	31
18	Does temperature regulate light quality effects on Abutilon theophrasti?. Acta Physiologiae Plantarum, 2015, 37, 1.	2.1	2

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19	Single and combined effects of temperature and red:far-red light ratio on evening primrose (Oenothera biennis). Botany, 2015, 93, 475-483.	1.0	13
20	Aerobic methane emissions from stinkweed (Thlaspi arvense) capsules. Plant Signaling and Behavior, 2014, 9, e970095.	2.4	8
21	Single and interactive effects of temperature, carbon dioxide, and watering regime on the invasive weed black knapweed (Centaurea nigra). Ecoscience, 2013, 20, 328-338.	1.4	13
22	Single and Interactive Effects of Temperature and Light Quality on Four Canola Cultivars. Journal of Agronomy and Crop Science, 2013, 199, 286-298.	3.5	13
23	Effects of collection time and after-ripening on chemical constituents and germinability of Scotch thistle (Onopordum acanthium) cypselas. Botany, 2012, 90, 755-762.	1.0	6
24	Effects of temperature and watering regime on growth, gas exchange and abscisic acid content of canola (Brassica napus) seedlings. Environmental and Experimental Botany, 2012, 75, 107-113.	4.2	66
25	The Biology of Canadian Weeds. 147.Onopordum acanthiumL.. Canadian Journal of Plant Science, 2011, 91, 739-758.	0.9	11
26	Stressed crops emit more methane despite the mitigating effects of elevated carbon dioxide. Functional Plant Biology, 2011, 38, 97.	2.1	26
27	Methane emissions from six crop species exposed to three components of global climate change: temperature, ultravioletâ€B radiation and water stress. Physiologia Plantarum, 2009, 137, 139-147.	5.2	62
28	Crop Responses to Elevated Carbon Dioxide and Temperature. Environmental Science and Engineering, 2009, , 1-18.	0.2	14
29	A rapid effect of applied brassinolide on abscisic acid concentrations in Brassica napus leaf tissue subjected to short-term heat stress. Plant Growth Regulation, 2008, 55, 165-167.	3.4	67
30	Growth and physiological responses of an invasive alien species,Silene noctiflora, during two developmental stages to four levels of ultraviolet-B radiation. Ecoscience, 2008, 15, 150-159.	1.4	20
31	Morphological and physiological responses of canola (Brassica napus) siliquas and seeds to UVB and CO2 under controlled environment conditions. Environmental and Experimental Botany, 2007, 60, 428-437.	4.2	32
32	Maturation temperature regulates germinability and chemical constituents of Scotch thistle (Onopordum acanthium) cypselas. Canadian Journal of Botany, 2006, 84, 28-38.	1.1	16
33	Growth and physiological responses of canola (Brassica napus) to three components of global climate change: temperature, carbon dioxide and drought. Physiologia Plantarum, 2006, 128, 710-721.	5.2	166
34	Growth and physiological responses of canola (Brassica napus) to UV-B and CO2 under controlled environment conditions. Physiologia Plantarum, 2005, 125, 247-259.	5.2	86
35	Processing Tomato and Weed Response to Flufenacet plus Metribuzin. Weed Technology, 2004, 18, 801-809.	0.9	2
36	Isolation and structural characterization of a water-soluble germination inhibitor from Scotch thistle (Onopordum acanthium) cypselas. Journal of Chemical Ecology, 2003, 29, 2425-2438.	1.8	15

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37	Preâ€•and postâ€dispersal factors regulate germination patterns and structural characteristics of Scotch thistle (Onopordum acanthium) cypselas. New Phytologist, 2003, 159, 263-278.	7.3	44
38	Seed bank dynamics of Onopordum acanthium: emergence patterns and chemical attributes. Journal of Ecology, 2002, 90, 672-683.	4.0	32
39	Title is missing!. Plant Ecology, 2002, 162, 1-8.	1.6	30
40	Variation in germination response within Scotch thistle,Onopordum acanthiumL., populations matured under greenhouse and field conditions. Ecoscience, 2000, 7, 57-65.	1.4	30
41	Interpopulation variation in germination responses of Scotch thistle, Onopordum acanthium L., to various concentrations of GA3, KNO3, and NaHCO3. Canadian Journal of Botany, 2000, 78, 1156-1163.	1.1	10