

T Casey Barickman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8098270/publications.pdf>

Version: 2024-02-01

39
papers

772
citations

623734

14
h-index

552781

26
g-index

42
all docs

42
docs citations

42
times ranked

978
citing authors

#	ARTICLE	IF	CITATIONS
1	Sprouting Broccoli Accumulate Higher Concentrations of Nutritionally Important Metabolites under Narrow-band Light-emitting Diode Lighting. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 469-477.	1.0	108
2	Waterlogging Causes Early Modification in the Physiological Performance, Carotenoids, Chlorophylls, Proline, and Soluble Sugars of Cucumber Plants. <i>Plants</i> , 2019, 8, 160.	3.5	85
3	Abscisic Acid Increases Carotenoid and Chlorophyll Concentrations in Leaves and Fruit of Two Tomato Genotypes. <i>Journal of the American Society for Horticultural Science</i> , 2014, 139, 261-266.	1.0	69
4	Selenium Influences Glucosinolate and Isothiocyanates and Increases Sulfur Uptake in <i>Arabidopsis thaliana</i> and Rapid-Cycling <i>Brassica oleracea</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 202-209.	5.2	67
5	Influence of Nitrogen and Sulfur on Biomass Production and Carotenoid and Glucosinolate Concentrations in Watercress (<i>Nasturtium officinale</i> R. Br.). <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 10628-10634.	5.2	61
6	The Effect of Environment and Nutrients on Hydroponic Lettuce Yield, Quality, and Phytonutrients. <i>Horticulturae</i> , 2018, 4, 48.	2.8	40
7	Nitrogen form and ratio impact Swiss chard (<i>Beta vulgaris</i> subsp. <i>cicla</i>) shoot tissue carotenoid and chlorophyll concentrations. <i>Scientia Horticulturae</i> , 2016, 204, 99-105.	3.6	26
8	Foliar applications of abscisic acid decrease the incidence of blossom-end rot in tomato fruit. <i>Scientia Horticulturae</i> , 2014, 179, 356-362.	3.6	24
9	Screening of cowpea (<i>Vigna unguiculata</i> (L.) Walp.) genotypes for waterlogging tolerance using morpho-physiological traits at early growth stage. <i>Plant Science</i> , 2022, 315, 111136.	3.6	22
10	Selenization of Basil and Cilantro Through Foliar Applications of Selenate-selenium and Selenite-selenium. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 438-442.	1.0	21
11	Differing precision irrigation thresholds for kale (<i>Brassica oleracea</i> L. var. <i>acephala</i>) induces changes in physiological performance, metabolites, and yield. <i>Environmental and Experimental Botany</i> , 2020, 180, 104253.	4.2	20
12	Abscisic acid improves tomato fruit quality by increasing soluble sugar concentrations. <i>Journal of Plant Nutrition</i> , 2017, 40, 964-973.	1.9	17
13	Effects of Elevated Temperature and Potassium on Biomass and Quality of Dark Red 'Lollo Rosso'™ Lettuce. <i>Horticulturae</i> , 2018, 4, 11.	2.8	17
14	Abscisic Acid Impacts Tomato Carotenoids, Soluble Sugars, and Organic Acids. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 370-376.	1.0	17
15	Yield, Physiological Performance, and Phytochemistry of Basil (<i>Ocimum basilicum</i> L.) under Temperature Stress and Elevated CO ₂ Concentrations. <i>Plants</i> , 2021, 10, 1072.	3.5	15
16	RATIO OF CALCIUM TO MAGNESIUM INFLUENCES BIOMASS, ELEMENTAL ACCUMULATIONS, AND PIGMENT CONCENTRATIONS IN KALE. <i>Journal of Plant Nutrition</i> , 2013, 36, 2154-2165.	1.9	13
17	Efficacy of fungicide applications and powdery mildew resistance in three pumpkin cultivars. <i>Crop Protection</i> , 2017, 101, 90-94.	2.1	13
18	Elevated Levels of Potassium in Greenhouse-grown Red Romaine Lettuce Impacts Mineral Nutrient and Soluble Sugar Concentrations. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 504-509.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Drought and Elevated CO2 Impacts Photosynthesis and Biochemicals of Basil (<i>Ocimum basilicum</i> L.). <i>Stresses</i> , 2021, 1, 223-237.	4.8	13
20	Morphological and Physiological Response of Different Lettuce Genotypes to Salt Stress. <i>Stresses</i> , 2021, 1, 285-304.	4.8	12
21	Interactive Impacts of Temperature and Elevated CO2 on Basil (<i>Ocimum basilicum</i> L.) Root and Shoot Morphology and Growth. <i>Horticulturae</i> , 2021, 7, 112.	2.8	10
22	Seed Priming Enhances Seed Germination and Morphological Traits of <i>Lactuca sativa</i> L. under Salt Stress. <i>Seeds</i> , 2022, 1, 74-86.	1.8	10

23

#	ARTICLE	IF	CITATIONS
37	Individual and Interactive Effects of Multiple Abiotic Stress Treatments on Early-Season Growth and Development of Two Brassica Species. <i>Agriculture (Switzerland)</i> , 2022, 12, 453.	3.1	1
38	Yellow nutsedge (<i>Cyperus esculentus</i>) interference in simulated sweetpotato plant beds. <i>Weed Science</i> , 2020, 68, 405-410.	1.5	0
39	Nitrogen Fertigation Rate and Foliar Urea Spray Affect Plant Growth, Nitrogen, and Carbohydrate Compositions of Encore Azalea "Chiffon"™ Grown in Alternative Containers. <i>Horticulturae</i> , 2022, 8, 525.	2.8	0