

Bo-Sen Wu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

313
citations

1040056

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h-index

1125743

13
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16
all docs

16
docs citations

16
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	An Update on Plant Photobiology and Implications for Cannabis Production. <i>Frontiers in Plant Science</i> , 2019, 10, 296.	3.6	81
2	A Review of Strawberry Photobiology and Fruit Flavonoids in Controlled Environments. <i>Frontiers in Plant Science</i> , 2021, 12, 611893.	3.6	43
3	The effect of light quality on plant physiology, photosynthetic, and stress response in <i>Arabidopsis thaliana</i> leaves. <i>PLoS ONE</i> , 2021, 16, e0247380.	2.5	33
4	Cannabinoids and Terpenes: How Production of Photo-Protectants Can Be Manipulated to Enhance <i>Cannabis sativa</i> L. <i>Phytochemistry</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 620021.	3.6	32
5	Comparison and perspective of conventional and LED lighting for photobiology and industry applications. <i>Environmental and Experimental Botany</i> , 2020, 171, 103953.	4.2	30
6	A comprehensive study on the effect of light quality imparted by light-emitting diodes (LEDs) on the physiological and biochemical properties of the microalgal consortia of <i>Chlorella variabilis</i> and <i>Scenedesmus obliquus</i> cultivated in dairy wastewater. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1445-1455.	3.4	30
7	Re-interpreting the photosynthetically action radiation (PAR) curve in plants. <i>Plant Science</i> , 2019, 289, 110272.	3.6	25
8	Proteome modifications on tomato under extreme high light induced-stress. <i>Proteome Science</i> , 2018, 16, 20.	1.7	13
9	Design and Testing of Bioreceptive Porous Concrete: A New Substrate for Soilless Plant Growth. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 285-293.	2.3	10
10	Photobiology eye safety for horticultural LED lighting: Transmittance performance of eyewear protection using high-irradiant monochromatic LEDs. <i>Journal of Occupational and Environmental Hygiene</i> , 2018, 15, 133-142.	1.0	6
11	Filtering Light-Emitting Diodes to Investigate Amber and Red Spectral Effects on Lettuce Growth. <i>Plants</i> , 2021, 10, 1075.	3.5	5
12	Color-Specific Recovery to Extreme High-Light Stress in Plants. <i>Life</i> , 2021, 11, 812.	2.4	3
13	Comparative proteomics analysis of <i>Arabidopsis thaliana</i> response to light-emitting diode of narrow wavelength 450Ånm, 595Ånm, and 650Ånm. <i>Journal of Proteomics</i> , 2022, 265, 104635.	2.4	2
14	<i>Modeling irradiance levels of horticultural lighting systems</i>, 2019, , ,		0
15	Low-cost and precise phenotyping using 3D point cloud reconstruction to determine plant architecture and morphology. , 2021, , ,		0
16	Spectral response of <i>Chlamydomonas reinhardtii</i> using light-emitting diodes. , 2021, , ,		0