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List of Publications by Year
in descending order

23 papers	1,188 citations	686830 13 h-index	752256 20 g-index
23 all docs	23 docs citations	23 times ranked	1048 citing authors

#	Article	IF	Citations
1	The effects of light-emitting diode lighting on greenhouse plant growth and quality. Agricultural and Food Science, 2013, 22, 223-234.	0.3	354
2	The effects of LED illumination spectra and intensity on carotenoid content in Brassicaceae microgreens. Food Chemistry, 2015, 173, 600-606.	4.2	134
3	Blue light dosage affects carotenoids and tocopherols in microgreens. Food Chemistry, 2017, 228, 50-56.	4.2	111
4	<scp>LED</scp> illumination affects bioactive compounds in romaine baby leaf lettuce. Journal of the Science of Food and Agriculture, 2013, 93, 3286-3291.	1.7	100
5	Red Light-Dose or Wavelength-Dependent Photoresponse of Antioxidants in Herb Microgreens. PLoS ONE, 2016, 11, e0163405.	1.1	79
6	LED irradiance level affects growth and nutritional quality of Brassica microgreens. Open Life Sciences, 2013, 8, 1241-1249.	0.6	67
7	The distinct impact of multi-color LED light on nitrate, amino acid, soluble sugar and organic acid contents in red and green leaf lettuce cultivated in controlled environment. Food Chemistry, 2020, 310, 125799.	4.2	56
8	Nutrient Levels in Brassicaceae Microgreens Increase Under Tailored Light-Emitting Diode Spectra. Frontiers in Plant Science, 2019, 10, 1475.	1.7	44
9	Pulsed Light-Emitting Diodes for a Higher Phytochemical Level in Microgreens. Journal of Agricultural and Food Chemistry, 2017, 65, 6529-6534.	2.4	39
10	Lighting intensity and photoperiod serves tailoring nitrate assimilation indices in red and green baby leaf lettuce. Journal of the Science of Food and Agriculture, 2019, 99, 6608-6619.	1.7	35
11	Response of Mustard Microgreens to Different Wavelengths and Durations of UV-A LEDs. Frontiers in Plant Science, 2019, 10, 1153.	1.7	33
12	LED Lighting in Horticulture. , 2017, , 113-147.		22
13	Nitrate, nitrite, protein, amino acid contents, and photosynthetic and growth characteristics of tatsoi cultivated under various photon flux densities and spectral light compositions. Scientia Horticulturae, 2019, 258, 108781.	1.7	14
14	The Photosynthetic Performance of Red Leaf Lettuce under UV-A Irradiation. Agronomy, 2020, 10, 761.	1.3	14
15	Growing of leaf lettuce (Lactuca sativa L.) under high-pressure sodium lamps with supplemental blue, cyan and green LEDs. Zemdirbyste, 2014, 101, 75-78.	0.3	14
16	Photoresponse to different lighting strategies during red leaf lettuce growth. Journal of Photochemistry and Photobiology B: Biology, 2020, 202, 111726.	1.7	13
17	THE EFFECT OF UV-A SUPPLEMENTAL LIGHTING ON ANTIOXIDANT PROPERTIES OF OCIMUM BASILICUM L. MICROGREENS IN GREENHOUSE. , 2015, , .		13
18	The Physiological Response of Lettuce to Red and Blue Light Dynamics Over Different Photoperiods. Frontiers in Plant Science, 2020, 11, 610174.	1.7	12

#	ARTICLE	IF	CITATIONS
19	Phenolic Compounds Content Evaluation of Lettuce Grown under Short-Term Preharvest Daytime or Nighttime Supplemental LEDs. Plants, 2022, 11, 1123.	1.6	12
20	The Comparison of Constant and Dynamic Red and Blue Light Irradiation Effects on Red and Green Leaf Lettuce. Agronomy, 2020, 10, 1802.	1.3	9
21	The effects of led lighting on nitrates, nitrites and organic acids in tatsoi. , 2018, , .		5
22	Growth Stage Specific Lighting Spectra Affect Photosynthetic Performance, Growth and Mineral Element Contents in Tomato. Agronomy, 2021, 11, 901.	1.3	4
23	Pre-harvest LED lighting strategies for reduced nitrate contents in leafy vegetables. Zemdirbyste, 2018, 105, 249-256.	0.3	4