Shiva Ram Bhandari

List of Publications by Year
in descending order

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30 papers	722 citations	777949 13 h-index	620720 26 g-index
30 all docs	30 docs citations	30 times ranked	987 citing authors

#	Article	IF	Citations
1	Morphological and Biochemical Variation in Carrot Genetic Resources Grown under Open Field Conditions: The Selection of Functional Genotypes for a Breeding Program. Agronomy, 2022, 12, 553.	1.3	8
2	Selection of broccoli (Brassica oleracea var. italica) on composition and content of glucosinolates and hydrolysates. Scientia Horticulturae, 2022, 298, 110984.	1.7	10
3	The Influence of Red and Blue Light Ratios on Growth Performance, Secondary Metabolites, and Antioxidant Activities of Centella asiatica (L.) Urban. Horticulturae, 2022, 8, 601.	1.2	5
4	Seasonal variation in agronomic characteristics and sugar content of cabbage genotypes. Chilean Journal of Agricultural Research, 2021, 81, 80-91.	0.4	7
5	Effect of Drought Stress on Chlorophyll Fluorescence Parameters, Phytochemical Contents, and Antioxidant Activities in Lettuce Seedlings. Horticulturae, 2021, 7, 238.	1.2	55
6	Monitoring of Salinity, Temperature, and Drought Stress in Grafted Watermelon Seedlings Using Chlorophyll Fluorescence. Frontiers in Plant Science, 2021, 12, 786309.	1.7	21
7	Response to Salt Stress in Lettuce: Changes in Chlorophyll Fluorescence Parameters, Phytochemical Contents, and Antioxidant Activities. Agronomy, 2020, 10, 1627.	1.3	67
8	Profiling of Individual Desulfo-Glucosinolate Content in Cabbage Head (Brassica oleracea var.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.7	19
9	Evaluation of chlorophyll fluorescence parameters and proline content in tomato seedlings grown under different salt stress conditions. Horticulture Environment and Biotechnology, 2020, 61, 433-443.	0.7	34
10	Application of maximum quantum yield, a parameter of chlorophyll fluorescence, for early determination of bacterial wilt in tomato seedlings. Horticulture Environment and Biotechnology, 2019, 60, 821-829.	0.7	10
11	Optimization of temperature and light, and cultivar selection for the production of high-quality head lettuce in a closed-type plant factory. Horticulture Environment and Biotechnology, 2019, 60, 207-216.	0.7	16
12	Changes in phytochemical content and antioxidant activity during inflorescence development in broccoli. Chilean Journal of Agricultural Research, 2019, 79, 36-47.	0.4	13
13	Rapid monitoring of proline accumulation in paprika leaf sap relative to leaf position and water stress. Horticulture Environment and Biotechnology, 2018, 59, 483-489.	0.7	2
14	Yearly Variation in Glucosinolate Content in Inflorescences of Broccoli Breeding Lines. Horticultural Science and Technology, 2018, 36, .	0.9	1
15	Detection of Temperature Stress Using Chlorophyll Fluorescence Parameters and Stress-related Chlorophyll and Proline Content in Paprika (Capsicum annuum L.) Seedlings. Horticultural Science and Technology, 2018, 36, .	0.9	13
16	Ripening-Dependent Changes in Antioxidants, Color Attributes, and Antioxidant Activity of Seven Tomato (Solanum lycopersicumL.) Cultivars. Journal of Analytical Methods in Chemistry, 2016, 2016, 1-13.	0.7	41
17	Variations in proximate nutrients, phytochemicals, and antioxidant activity of field-cultivated red pepper fruits at different harvest times. Horticulture Environment and Biotechnology, 2016, 57, 493-503.	0.7	23
18	Comparative analysis of individual glucosinolates, phytochemicals, and antioxidant activities in broccoli breeding lines. Horticulture Environment and Biotechnology, 2016, 57, 392-403.	0.7	12

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19	Genotypic variation in carotenoid, ascorbic acid, total phenolic, and flavonoid contents, and antioxidant activity in selected tomato breeding lines. Horticulture Environment and Biotechnology, 2016, 57, 440-452.	0.7	24
20	Assessment of Phytochemicals, Quality Attributes,and Antioxidant Activities in Commercial Tomato Cultivars. Horticultural Science and Technology, 2016, 34, 677-691.	0.9	5
21	Chemical Composition and Antioxidant Activity in Different Tissues of Brassica Vegetables. Molecules, 2015, 20, 1228-1243.	1.7	104
22	Comparison of Glucosinolate Profiles in Different Tissues of Nine Brassica Crops. Molecules, 2015, 20, 15827-15841.	1.7	135
23	Seasonal Variation in Contents of Sugars in Different Parts of Broccoli. Horticultural Science and Technology, 2015, 33, 276-282.	0.9	3
24	Contents of phytochemical constituents and antioxidant activity of 19 garlic (Allium sativum L.) parental lines and cultivars. Horticulture Environment and Biotechnology, 2014, 55, 138-147.	0.7	26
25	Ripening-dependent Changes in Phytonutrients and Antioxidant Activity of Red Pepper (Capsicum) Tj ETQq1 1 0.784314 rgBT /Overlock Society for Hortcultural Science, 2013, 48, 1275-1282.	0.5	32
26	The Contents of Phytosterols, Squalene, and Vitamin E and the Composition of Fatty Acids of Korean Landrace Setaria italica and Sorghum bicolar Seeds. Korean Journal of Plant Resources, 2013, 26, 663-672.	0.2	14
27	Characterization of Lipophilic Nutraceutical Compounds in Seeds and Leaves of Perilla frutescens. Horticultural Science and Technology, 2013, 31, 231-238.	0.9	3
28	Evaluation of phytonutrients in Adlay (Coix lacryma-jobi L.) seeds. African Journal of Biotechnology, 2012, 11, .	0.3	2
29	Comparisons of nutritional and phytochemical property of genetically modified CMV-resistant red pepper and its parental cultivar. Horticulture Environment and Biotechnology, 2012, 53, 151-157.	0.7	14
30	Phytonutrient Profile of Purple Perilla (Perilla frutescens var. crispa) Seeds. Hang'uk Jakmul Hakhoe Chi, 2011, 56, 199-204.	0.2	3