Nazim Gruda

List of Publications by Year
in descending order

87 papers	2,979 citations	236925 25 h-index	175258 52 g-index
95 all docs	95 docs citations	95 times ranked	2672 citing authors

#	Article	IF	Citations
1	Elevated root-zone temperature promotes the growth and alleviates the photosynthetic acclimation of cucumber plants exposed to elevated [CO2]. Environmental and Experimental Botany, 2022, 194, 104694.	4.2	7
2	Light Intensity: The Role Player in Cucumber Response to Cold Stress. Agronomy, 2022, 12, 201.	3.0	15
3	Optimising Soilless Culture Systems and Alternative Growing Media to Current Used Materials. Horticulturae, 2022, 8, 292.	2.8	1
4	Effects of the Preceding Crop on Soil N Availability, Biological Nitrogen Fixation, and Fresh Pod Yield of Organically Grown Faba Bean (Vicia faba L.). Horticulturae, 2022, 8, 496.	2.8	5
5	Soilless culture systems and growing media in horticulture: an overview. , 2021, , 1-20.		2
6	Developments in alternative organic materials for growing media in soilless culture systems. , 2021, , 73-106.		0
7	Developments in inorganic materials, synthetic organic materials and peat in soilless culture systems. , 2021, , 45-72.		0
8	Developments in inorganic materials, synthetic organic materials and peat in soilless culture systems. Burleigh Dodds Series in Agricultural Science, 2021, , 45-72.	0.2	0
9	Soilless culture systems and growing media in horticulture: an overview. Burleigh Dodds Series in Agricultural Science, 2021, , 1-20.	0.2	1
10	Developments in alternative organic materials for growing media in soilless culture systems. Burleigh Dodds Series in Agricultural Science, 2021, , 73-106.	0.2	1
11	Does the short-term fluctuation of mineral element concentrations in the closed hydroponic experimental facilities affect the mineral concentrations in cucumber plants exposed to elevated CO2?. Plant and Soil, 2021, 465, 125-141.	3.7	7
12	Plastic shed soil salinity in China: Current status and next steps. Journal of Cleaner Production, 2021, 296, 126453.	9.3	30
13	Coir, an Alternative to Peatâ€"Effects on Plant Growth, Phytochemical Accumulation, and Antioxidant Power of Spinach. Horticulturae, 2021, 7, 127.	2.8	16
14	DE EFFECT OF CLEAR AND DEFUSE GLASS COVERING MATERIALS ON FRUIT YIELD AND ENERGY EFFICIENCY OF GREENHOUSE CUCUMBER GROWN IN HOT CLIMATE. Acta Scientiarum Polonorum, Hortorum Cultus, 2021, 20, 37-44.	0.6	4
15	Environmental and Cultivation Factors Affect the Morphology, Architecture and Performance of Root Systems in Soilless Grown Plants. Horticulturae, 2021, 7, 243.	2.8	37
16	Smart greenhouse production practices to manage and mitigate the impact of climate change in protected cultivation. Acta Horticulturae, 2021, , 189-196.	0.2	2
17	Protected vegetable production in South-East Europe â€“ recent trends. Acta Horticulturae, 2021, , 1-8.	0.2	0
18	Dose-Dependent Application of Straw-Derived Fulvic Acid on Yield and Quality of Tomato Plants Grown in a Greenhouse. Frontiers in Plant Science, 2021, 12, 736613.	3.6	10

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19	Production systems in southeastern European greenhouses. Acta Horticulturae, 2021, , 137-144.	0.2	2
20	Impacts of elevated CO2 on nitrogen uptake of cucumber plants and nitrogen cycling in a greenhouse soil. Applied Soil Ecology, 2020, 145, 103342.	4.3	18
21	Sustainable vegetable production under changing climate: The impact of elevated CO2 on yield of vegetables and the interactions with environments-A review. Journal of Cleaner Production, 2020, 253, 119920.	9.3	40
22	Strategies for Improved Yield and Water Use Efficiency of Lettuce (Lactuca sativa L.) through Simplified Soilless Cultivation under Semi-Arid Climate. Agronomy, 2020, 10, 1379.	3.0	9
23	The Potential of Introduction of Asian Vegetables in Europe. Horticulturae, 2020, 6, 38.	2.8	22
24	Deficit Irrigation and Arbuscular Mycorrhiza as a Water-Saving Strategy for Eggplant Production. Horticulturae, 2020, 6, 45.	2.8	13
25	Promising Composts as Growing Media for the Production of Baby Leaf Lettuce in a Floating System. Agronomy, 2020, 10, 1540.	3.0	27
26	Interactive Effects of the CO2 Enrichment and Nitrogen Supply on the Biomass Accumulation, Gas Exchange Properties, and Mineral Elements Concentrations in Cucumber Plants at Different Growth Stages. Agronomy, 2020, 10, 139.	3.0	15
27	Plant Nutrient Availability and pH of Biochars and Their Fractions, with the Possible Use as a Component in a Growing Media. Agronomy, 2020, 10, 10.	3.0	54
28	Greenhouse soil warmed by capillary network and its effect on the growth of cucumber. Acta Horticulturae, 2020, , 149-158.	0.2	5
29	Essential Oils Chemical Variability of Seven Populations of Salvia Officinalis L. In North of Albania. Macedonian Journal of Chemistry and Chemical Engineering, 2020, 39, 31.	0.6	5
30	The impact of elevated CO2 on yield of vegetables. Acta Horticulturae, 2020, , 281-286.	0.2	0
31	Securing Horticulture in a Changing Climateâ€"A Mini Review. Horticulturae, 2019, 5, 56.	2.8	30
32	Increasing Sustainability of Growing Media Constituents and Stand-Alone Substrates in Soilless Culture Systems. Agronomy, 2019, 9, 298.	3.0	213
33	Influence of climate change on protected cultivation: Impacts and sustainable adaptation strategies - A review. Journal of Cleaner Production, 2019, 225, 481-495.	9.3	90
34	Impacts of protected vegetable cultivation on climate change and adaptation strategies for cleaner production â€“ A review. Journal of Cleaner Production, 2019, 225, 324-339.	9.3	109
35	Influence of organic substrates on nutrient accumulation and proteome changes in tomato-roots. Scientia Horticulturae, 2019, 252, 192-200.	3.6	14
36	Assessing the impact of environmental factors on the quality of greenhouse produce. Burleigh Dodds Series in Agricultural Science, 2019, , 413-444.	0.2	5

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37	REDUCING THE SALINITY IMPACT ON SOILLESS CULTURE OF TOMATOES USING SUPPLEMENTAL CA AND FOLIAR MICRONUTRIENTS. Acta Scientiarum Polonorum, Hortorum Cultus, 2019, 18, .	0.6	4
38	Elevated and superâ€elevated CO₂ differ in their interactive effects with nitrogen availability on fruit yield and quality of cucumber. Journal of the Science of Food and Agriculture, 2018, 98, 4509-4516.	3.5	24
39	Potential impacts of climate change on vegetable production and product quality â€“ A review. Journal of Cleaner Production, 2018, 170, 1602-1620.	9.3	248
40	Interactive effects of elevated carbon dioxide and nitrogen availability on fruit quality of cucumber (Cucumis sativus L.). Journal of Integrative Agriculture, 2018, 17, 2438-2446.	3.5	19
41	Adapting to climate change with greenhouse technology. Acta Horticulturae, 2018, , 107-114.	0.2	10
42	Effect of Irrigation on Growth, Yield, and Chemical Composition of Two Green Bean Cultivars. Horticulturae, 2018, 4, 3.	2.8	35
43	Effects of Elevated CO2 on Nutritional Quality of Vegetables: A Review. Frontiers in Plant Science, 2018, 9, 924.	3.6	164
44	Application of soilless culture technologies in the modern greenhouse industry â€“ A review. European Journal of Horticultural Science, 2018, 83, 280-293.	0.7	201
45	Impacts of genetic material and current technologies on product quality of selected greenhouse vegetables â€“ A review. European Journal of Horticultural Science, 2018, 83, 319-328.	0.7	43
46	EFFECT OF EXOGENOUS SALICYLIC ACID ON THE RESPONSE OF SNAP BEAN (Phaseolus vulgaris L.) AND JERUSALEM ARTICHOKE (Helianthus tuberosus L.) TO DROUGHT STRESS. Acta Scientiarum Polonorum, Hortorum Cultus, 2018, 17, 81-91.	0.6	3
47	Soil Based and Simplified Hydroponics Rooftop Gardens. Urban Agriculture, 2017, , 61-81.	0.5	12
48	Growing Media. , 2017, , 1053-1058.		2
49	Culture: Soil-less. , 2017, , 533-537.		2
50	Production systems in SEE greenhouses. , 2017, , .		0
51	Protected Vegetables in South-East Europe. , 2017, , .		0
52	Production of Valeriana officinalis roots in different soil structure in East Albania. , 2017, , .		0
53	Seedling production. , 2017, , .		9
54	Status-quo and perspectives of protected vegetables for a sustainable production in South-East Europe. Acta Horticulturae, 2016, , 429-434.	0.2	1

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55	Protected crops â€“ recent advances, innovative technologies and future challenges. Acta Horticulturae, 2015, , 271-278.	0.2	26
56	Analysis of Rural Landscape and Land Fragmentation Through GIS in the Gjocaj Commune, Albania. Gesunde Pflanzen, 2015, 67, 131-139.	3.0	0
57	Analysis of the Medicinal and Aromatic Plants Value Chain in Albania. Gesunde Pflanzen, 2015, 67, 155-164.	3.0	11
58	Increasing the productivity and product quality of vegetable crops using arbuscular mycorrhizal fungi: A review. Scientia Horticulturae, 2015, 187, 131-141.	3.6	277
59	Urban vegetable for food security in cities. A review. Agronomy for Sustainable Development, 2015, 35, 483-498.	5.3	264
60	Protected Crops. , 2014, , 327-405.		28
61	Analysis of the Apple Value Chain in Albania. Gesunde Pflanzen, 2013, 65, 65-71.	3.0	1
62	Effect of Lactic Acid Bacteria Fermentation on Rosmarinic Acid and Antioxidant Properties ofin vitroShoot Culture ofOrthosiphon aristatusas a Model Study. Food Biotechnology, 2013, 27, 152-177.	1.5	5
63	Improvement of Antioxidant Activities in Red Cabbage Sprouts by Lactic Acid Bacterial Fermentation. Food Biotechnology, 2013, 27, 279-302.	1.5	25
64	CURRENT AND FUTURE PERSPECTIVE OF GROWING MEDIA IN EUROPE. Acta Horticulturae, 2012, , 37-43.	0.2	50
65	SUSTAINABLE PEAT ALTERNATIVE GROWING MEDIA. Acta Horticulturae, 2012, , 973-979.	0.2	34
66	Ameliorative Effects of Brassinosteroids on Growth and Productivity of Snap Beans Grown Under High Temperature. Gesunde Pflanzen, 2012, 64, 175-182.	3.0	40
67	IN VITRO ANTIOXIDANT ACTIVITIES IN SPROUT CULTURE OF ORTHOSIPHON ARISTATUS AFTER TREATMENT WITH JASMONIC ACID AND YEAST EXTRACT. Acta Horticulturae, 2012, , 281-287.	0.2	2
68	Growth, Yield and Blossom-End Rot Incidence in Bell Pepper as Affected by Phosphorus Level and Amino Acid Applications. Gesunde Pflanzen, 2012, 64, 29-37.	3.0	11
69	Nutrient uptake and yield of tomato under various methods of fertilizer application and levels of fertigation in arid lands. Gesunde Pflanzen, 2010, 62, 11-19.	3.0	32
70	Efficiency of Subsurface Drip Irrigation for Potato Production Under Different Dry Stress Conditions. Gesunde Pflanzen, 2010, 62, 63-70.	3.0	41
71	Response of Cape gooseberry (Physalis peruviana L.) to nitrogen application under sandy soil conditions. Gesunde Pflanzen, 2009, 61, 123-127.	3.0	9
72	Container Medium pH in a Pine Tree Substrate Amended with Peatmoss and Dolomitic Limestone Affects Plant Growth. Hortscience: A Publication of the American Society for Hortcultural Science, 2009, 44, 1983-1987.	1.0	24

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73	The Effect of Wood Fiber Mulch on Water Retention, Soil Temperature and Growth of Vegetable Plants. Agroecology and Sustainable Food Systems, 2008, 32, 629-643.	0.9	21
74	THE INFLUENCE OF IRRIGATION ON GAS COMPOSITION IN THE RHIZOSPHERE AND GROWTH OF THREE HORTICULTURAL PLANTS, CULTIVATED IN DIFFERENT SUBSTRATES. Acta Horticulturae, 2008, , 1143-1148.	0.2	4
75	THE EFFECT OF MICROBIAL ADDITIVES IN ORGANIC SUBSTRATES ON PLANT GROWTH AND SOME QUALITY PARAMETERS. Acta Horticulturae, 2008, , 79-84.	0.2	1
76	CO2 CONCENTRATION IN THE ROOT ZONE OF VEGETABLES GROWN IN DIFFERENT SUBSTRATES - PRELIMINARY RESULTS. Acta Horticulturae, 2008, , 505-512.	0.2	0
77	CO2 CONCENTRATION IN THE ROOT ZONE OF VEGETABLES, CULTIVATED IN ORGANIC SUBSTRATES. Acta Horticulturae, 2008, , 1063-1068.	0.2	1
78	GREENHOUSE COOLING FOR PRODUCTION OF PEPPERS UNDER HOT-HUMID SUMMER CONDITIONS IN A HIGH-ROOF PASSIVELY-VENTILATED GREENHOUSE. Acta Horticulturae, 2007, , 41-48.	0.2	1
79	Impact of Environmental Factors on Product Quality of Greenhouse Vegetables for Fresh Consumption. Critical Reviews in Plant Sciences, 2005, 24, 227-247.	5.7	264
80	Suitability of wood fiber substrates for production of vegetable transplants II.. Scientia Horticulturae, 2004, 100, 333-340.	3.6	58
81	Suitability of wood fiber substrate for production of vegetable transplants. Scientia Horticulturae, 2004, 100, 309-322.	3.6	95
82	A LOW-TECH HYDROPONIC SYSTEM FOR BELL PEPPER (CAPSICUM ANNUUM L.) PRODUCTION. Acta Horticulturae, 2004, , 47-53.	0.2	5
83	QUALITY ISSUES OF GREENHOUSE PRODUCTION. Acta Horticulturae, 2003, , 663-674.	0.2	4
84	PHYSICAL PROPERTIES OF WOOD FIBER SUBSTRATES AND THEIR EFFECT ON GROWTH OF LETTUCE SEEDLINGS (Lactuca sativa L. var. capitata L.). Acta Horticulturae, 2001, , 415-424.	0.2	9
85	INVESTIGATION OF PHYSICAL PROPERTIES OF WOOD FIBER SUBSTRATES UNDER PRESS POT CONDITIONS. Acta Horticulturae, 2001, , 51-58.	0.2	11
86	THE INFLUENCE OF ORGANIC SUBSTRATES ON GROWTH AND PHYSIOLOGICAL PARAMETERS OF VEGETABLE SEEDLINGS. Acta Horticulturae, 1997, , 487-494.	0.2	5
87	Effect of ultraviolet and ultrasonic on potential antidiabetic activity of in vitro shoot cultures of Orthosiphon aristatus. IOP Conference Series: Earth and Environmental Science, 0, 207, 012008.	0.3	2