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	Increasing the productivity and product quality of vegetable crops using arbuscular mycorrhizal fungi: A review. Scientia Horticulturae, 2015, 187, 131-141.	3.6	277
2	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
3	Urban vegetable for food security in cities. A review. Agronomy for Sustainable Development, 2015, 35, 483-498.	5.3	264
4	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
5	Increasing Sustainability of Growing Media Constituents and Stand-Alone Substrates in Soilless Culture Systems. Agronomy, 2019, 9, 298.	3.0	213
6	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
7	Effects of Elevated CO2 on Nutritional Quality of Vegetables: A Review. Frontiers in Plant Science, 2018, 9, 924.	3.6	164
8	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
9	Suitability of wood fiber substrate for production of vegetable transplants. Scientia Horticulturae, 2004, 100, 309-322.	3.6	95
10	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
11	Suitability of wood fiber substrates for production of vegetable transplants II.. Scientia Horticulturae, 2004, 100, 333-340.	3.6	58
12	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
13	CURRENT AND FUTURE PERSPECTIVE OF GROWING MEDIA IN EUROPE. Acta Horticulturae, 2012, , 37-43.	0.2	50
14	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
15	Efficiency of Subsurface Drip Irrigation for Potato Production Under Different Dry Stress Conditions. Gesunde Pflanzen, 2010, 62, 63-70.	3.0	41
16	Ameliorative Effects of Brassinosteroids on Growth and Productivity of Snap Beans Grown Under High Temperature. Gesunde Pflanzen, 2012, 64, 175-182.	3.0	40
17	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
18	Environmental and Cultivation Factors Affect the Morphology, Architecture and Performance of Root Systems in Soilless Grown Plants. Horticulturae, 2021, 7, 243.	2.8	37

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19	Effect of Irrigation on Growth, Yield, and Chemical Composition of Two Green Bean Cultivars. Horticulturae, 2018, 4, 3.	2.8	35
20	SUSTAINABLE PEAT ALTERNATIVE GROWING MEDIA. Acta Horticulturae, 2012, , 973-979.	0.2	34
21	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
22	Securing Horticulture in a Changing Climateâ€"A Mini Review. Horticulturae, 2019, 5, 56.	2.8	30
23	Plastic shed soil salinity in China: Current status and next steps. Journal of Cleaner Production, 2021, 296, 126453.	9.3	30
24	Protected Crops. , 2014, , 327-405.		28
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	Protected crops â€“ recent advances, innovative technologies and future challenges. Acta Horticulturae, 2015, , 271-278.	0.2	26
27	Improvement of Antioxidant Activities in Red Cabbage Sprouts by Lactic Acid Bacterial Fermentation. Food Biotechnology, 2013, 27, 279-302.	1.5	25
28	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
29	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
30	The Potential of Introduction of Asian Vegetables in Europe. Horticulturae, 2020, 6, 38.	2.8	22
31	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
32	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
33	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
34	Coir, an Alternative to Peatâ€"Effects on Plant Growth, Phytochemical Accumulation, and Antioxidant Power of Spinach. Horticulturae, 2021, 7, 127.	2.8	16
35	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
36	Light Intensity: The Role Player in Cucumber Response to Cold Stress. Agronomy, 2022, 12, 201.	3.0	15

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37	Influence of organic substrates on nutrient accumulation and proteome changes in tomato-roots. Scientia Horticulturae, 2019, 252, 192-200.	3.6	14
38	Deficit Irrigation and Arbuscular Mycorrhiza as a Water-Saving Strategy for Eggplant Production. Horticulturae, 2020, 6, 45.	2.8	13
39	Soil Based and Simplified Hydroponics Rooftop Gardens. Urban Agriculture, 2017, , 61-81.	0.5	12
40	INVESTIGATION OF PHYSICAL PROPERTIES OF WOOD FIBER SUBSTRATES UNDER PRESS POT CONDITIONS. Acta Horticulturae, 2001, , 51-58.	0.2	11
41	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
42	Analysis of the Medicinal and Aromatic Plants Value Chain in Albania. Gesunde Pflanzen, 2015, 67, 155-164.	3.0	11
43	Adapting to climate change with greenhouse technology. Acta Horticulturae, 2018, , 107-114.	0.2	10
44	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
45	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
46	Response of Cape gooseberry (Physalis peruviana L.) to nitrogen application under sandy soil conditions. Gesunde Pflanzen, 2009, 61, 123-127.	3.0	9
47	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
48	Seedling production. , 2017, , .		9
49	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
50	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
51	A LOW-TECH HYDROPONIC SYSTEM FOR BELL PEPPER (CAPSICUM ANNUUM L.) PRODUCTION. Acta Horticulturae, 2004, , 47-53.	0.2	5
52	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
53	THE INFLUENCE OF ORGANIC SUBSTRATES ON GROWTH AND PHYSIOLOGICAL PARAMETERS OF VEGETABLE SEEDLINGS. Acta Horticulturae, 1997, , 487-494.	0.2	5
54	Greenhouse soil warmed by capillary network and its effect on the growth of cucumber. Acta Horticulturae, 2020, , 149-158.	0.2	5

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55	Assessing the impact of environmental factors on the quality of greenhouse produce. Burleigh Dodds Series in Agricultural Science, 2019, , 413-444.	0.2	5
56	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
57	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
58	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
59	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
60	QUALITY ISSUES OF GREENHOUSE PRODUCTION. Acta Horticulturae, 2003, , 663-674.	0.2	4
61	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
62	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
63	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
64	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
65	Soilless culture systems and growing media in horticulture: an overview. , 2021, , 1-20.		2
66	Smart greenhouse production practices to manage and mitigate the impact of climate change in protected cultivation. Acta Horticulturae, 2021, , 189-196.	0.2	2
67	Production systems in southeastern European greenhouses. Acta Horticulturae, 2021, , 137-144.	0.2	2
68	Growing Media. , 2017, , 1053-1058.		2
69	Culture: Soil-less. , 2017, , 533-537.		2
70	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
71	THE EFFECT OF MICROBIAL ADDITIVES IN ORGANIC SUBSTRATES ON PLANT GROWTH AND SOME QUALITY PARAMETERS. Acta Horticulturae, 2008, , 79-84.	0.2	1
72	Analysis of the Apple Value Chain in Albania. Gesunde Pflanzen, 2013, 65, 65-71.	3.0	1

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73	Status-quo and perspectives of protected vegetables for a sustainable production in South-East Europe. Acta Horticulturae, 2016, , 429-434.	0.2	1
74	Soilless culture systems and growing media in horticulture: an overview. Burleigh Dodds Series in Agricultural Science, 2021, , 1-20.	0.2	1
75	Developments in alternative organic materials for growing media in soilless culture systems. Burleigh Dodds Series in Agricultural Science, 2021, , 73-106.	0.2	1
76	CO2 CONCENTRATION IN THE ROOT ZONE OF VEGETABLES, CULTIVATED IN ORGANIC SUBSTRATES. Acta Horticulturae, 2008, , 1063-1068.	0.2	1
77	Optimising Soilless Culture Systems and Alternative Growing Media to Current Used Materials. Horticulturae, 2022, 8, 292.	2.8	1
78	CO2 CONCENTRATION IN THE ROOT ZONE OF VEGETABLES GROWN IN DIFFERENT SUBSTRATES - PRELIMINARY RESULTS. Acta Horticulturae, 2008, , 505-512.	0.2	0
79	Analysis of Rural Landscape and Land Fragmentation Through GIS in the Gjocaj Commune, Albania. Gesunde Pflanzen, 2015, 67, 131-139.	3.0	0
80	Developments in alternative organic materials for growing media in soilless culture systems. , 2021, , 73-106.		0
81	Developments in inorganic materials, synthetic organic materials and peat in soilless culture systems. , 2021, , 45-72.		0
82	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
83	Protected vegetable production in South-East Europe â€“ recent trends. Acta Horticulturae, 2021, , 1-8.	0.2	0
84	Production systems in SEE greenhouses. , 2017, , .		0
85	Protected Vegetables in South-East Europe. , 2017, , .		0
86	Production of Valeriana officinalis roots in different soil structure in East Albania. , 2017, , .		0
87	The impact of elevated CO2 on yield of vegetables. Acta Horticulturae, 2020, , 281-286.	0.2	0