

# Christophe El-Nakhel

## List of Publications by Year in descending order

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124  
papers

5,196  
citations

81889

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124  
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124  
docs citations

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times ranked

3365  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein hydrolysates as biostimulants in horticulture. <i>Scientia Horticulturae</i> , 2015, 196, 28-38.	3.6	455
2	The effect of a plant-derived biostimulant on metabolic profiling and crop performance of lettuce grown under saline conditions. <i>Scientia Horticulturae</i> , 2015, 182, 124-133.	3.6	310
3	Foliar applications of a legume-derived protein hydrolysate elicit dose-dependent increases of growth, leaf mineral composition, yield and fruit quality in two greenhouse tomato cultivars. <i>Scientia Horticulturae</i> , 2017, 226, 353-360.	3.6	226
4	Co-inoculation of <i>Glomus intraradices</i> and <i>Trichoderma atroviride</i> acts as a biostimulant to promote growth, yield and nutrient uptake of vegetable crops. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 1706-1715.	3.5	223
5	Functional quality in novel food sources: Genotypic variation in the nutritive and phytochemical composition of thirteen microgreens species. <i>Food Chemistry</i> , 2019, 277, 107-118.	8.2	120
6	Insight into the role of grafting and arbuscular mycorrhiza on cadmium stress tolerance in tomato. <i>Frontiers in Plant Science</i> , 2015, 6, 477.	3.6	112
7	Effects of saline stress on mineral composition, phenolic acids and flavonoids in leaves of artichoke and cardoon genotypes grown in floating system. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 1119-1127.	3.5	110
8	A Vegetal Biopolymer-Based Biostimulant Promoted Root Growth in Melon While Triggering Brassinosteroids and Stress-Related Compounds. <i>Frontiers in Plant Science</i> , 2018, 9, 472.	3.6	102
9	Metabolomic responses triggered by arbuscular mycorrhiza enhance tolerance to water stress in wheat cultivars. <i>Plant Physiology and Biochemistry</i> , 2019, 137, 203-212.	5.8	102
10	Interactions between phenolic compounds, amylolytic enzymes and starch: an updated overview. <i>Current Opinion in Food Science</i> , 2020, 31, 102-113.	8.0	101
11	Understanding the Biostimulant Action of Vegetal-Derived Protein Hydrolysates by High-Throughput Plant Phenotyping and Metabolomics: A Case Study on Tomato. <i>Frontiers in Plant Science</i> , 2019, 10, 47.	3.6	100
12	A Combined Phenotypic and Metabolomic Approach for Elucidating the Biostimulant Action of a Plant-Derived Protein Hydrolysate on Tomato Grown Under Limited Water Availability. <i>Frontiers in Plant Science</i> , 2019, 10, 493.	3.6	96
13	Morphological and Physiological Responses Induced by Protein Hydrolysate-Based Biostimulant and Nitrogen Rates in Greenhouse Spinach. <i>Agronomy</i> , 2019, 9, 450.	3.0	93
14	Plant-Based Biostimulants Influence the Agronomical, Physiological, and Qualitative Responses of Baby Rocket Leaves under Diverse Nitrogen Conditions. <i>Plants</i> , 2019, 8, 522.	3.5	89
15	Botanical and biological pesticides elicit a similar Induced Systemic Response in tomato ( <i>Solanum</i> ) Tj ETQq1 1 0.784314 rgBT/Overlook	2.9	87
16	Zinc Excess Triggered Polyamines Accumulation in Lettuce Root Metabolome, As Compared to Osmotic Stress under High Salinity. <i>Frontiers in Plant Science</i> , 2016, 7, 842.	3.6	81
17	Mild Potassium Chloride Stress Alters the Mineral Composition, Hormone Network, and Phenolic Profile in Artichoke Leaves. <i>Frontiers in Plant Science</i> , 2016, 7, 948.	3.6	79
18	Inoculation of <i>Rhizoglyphus irregularis</i> or <i>Trichoderma atroviride</i> differentially modulates metabolite profiling of wheat root exudates. <i>Phytochemistry</i> , 2019, 157, 158-167.	2.9	76

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19	Gluten-free flours from cereals, pseudocereals and legumes: Phenolic fingerprints and in vitro antioxidant properties. <i>Food Chemistry</i> , 2019, 271, 157-164.	8.2	73
20	Biostimulant Application with a Tropical Plant Extract Enhances <i>Corchorus olitorius</i> Adaptation to Sub-Optimal Nutrient Regimens by Improving Physiological Parameters. <i>Agronomy</i> , 2019, 9, 249.	3.0	70
21	Nitrogen Use and Uptake Efficiency and Crop Performance of Baby Spinach ( <i>Spinacia oleracea</i> L.) and Lambâ€™s Lettuce ( <i>Valerianella locusta</i> L.) Grown under Variable Sub-Optimal N Regimes Combined with Plant-Based Biostimulant Application. <i>Agronomy</i> , 2020, 10, 278.	3.0	70
22	Physiological and Metabolic Responses Triggered by Omeprazole Improve Tomato Plant Tolerance to NaCl Stress. <i>Frontiers in Plant Science</i> , 2018, 9, 249.	3.6	67
23	Protein Hydrolysate or Plant Extract-based Biostimulants Enhanced Yield and Quality Performances of Greenhouse Perennial Wall Rocket Grown in Different Seasons. <i>Plants</i> , 2019, 8, 208.	3.5	67
24	Selenium Biofortification Impacts the Nutritive Value, Polyphenolic Content, and Bioactive Constitution of Variable Microgreens Genotypes. <i>Antioxidants</i> , 2020, 9, 272.	5.1	67
25	Changes in Biomass, Mineral Composition, and Quality of Cardoon in Response to NO <sub>3</sub> -:Cl- Ratio and Nitrate Deprivation from the Nutrient Solution. <i>Frontiers in Plant Science</i> , 2016, 7, 978.	3.6	65
26	Phenolic Compounds and Sesquiterpene Lactones Profile in Leaves of Nineteen Artichoke Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8540-8548.	5.2	61
27	Bioaccessibility of phenolic compounds following in vitro large intestine fermentation of nuts for human consumption. <i>Food Chemistry</i> , 2018, 245, 633-640.	8.2	60
28	Genotype-Specific Modulatory Effects of Select Spectral Bandwidths on the Nutritive and Phytochemical Composition of Microgreens. <i>Frontiers in Plant Science</i> , 2019, 10, 1501.	3.6	58
29	Appraisal of Combined Applications of <i>Trichoderma virens</i> and a Biopolymer-Based Biostimulant on Lettuce Agronomical, Physiological, and Qualitative Properties under Variable N Regimes. <i>Agronomy</i> , 2020, 10, 196.	3.0	56
30	Macronutrient deprivation eustress elicits differential secondary metabolites in red and greenâ€™pigmented butterhead lettuce grown in a closed soilless system. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 6962-6972.	3.5	54
31	Metabolomic Responses of Maize Shoots and Roots Elicited by Combinatorial Seed Treatments With Microbial and Non-microbial Biostimulants. <i>Frontiers in Microbiology</i> , 2020, 11, 664.	3.5	54
32	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanolic Phyto-Extracts of <i>Artemisia annua</i> L.. <i>Biomolecules</i> , 2021, 11, 975.	4.0	54
33	Phenolic Constitution, Phytochemical and Macronutrient Content in Three Species of Microgreens as Modulated by Natural Fiber and Synthetic Substrates. <i>Antioxidants</i> , 2020, 9, 252.	5.1	53
34	Profile of bioactive secondary metabolites and antioxidant capacity of leaf exudates from eighteen Aloe species. <i>Industrial Crops and Products</i> , 2017, 108, 44-51.	5.2	49
35	Nutrient Solution Concentration Affects Growth, Mineral Composition, Phenolic Acids, and Flavonoids in Leaves of Artichoke and Cardoon. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2012, 47, 1424-1429.	1.0	49
36	Sensory and functional quality characterization of protected designation of origin â€™Piennolo del Vesuvioâ€™ cherry tomato landraces from Campania-Italy. <i>Food Chemistry</i> , 2019, 292, 166-175.	8.2	48

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37	Variation in Macronutrient Content, Phytochemical Constitution and In Vitro Antioxidant Capacity of Green and Red Butterhead Lettuce Dictated by Different Developmental Stages of Harvest Maturity. <i>Antioxidants</i> , 2020, 9, 300.	5.1	48
38	Application of <i>Trichoderma harzianum</i> , 6-Pentyl- $\delta^2$ -pyrone and Plant Biopolymer Formulations Modulate Plant Metabolism and Fruit Quality of Plum Tomatoes. <i>Plants</i> , 2020, 9, 771.	3.5	46
39	Biostimulant Substances for Sustainable Agriculture: Origin, Operating Mechanisms and Effects on Cucurbits, Leafy Greens, and Nightshade Vegetables Species. <i>Biomolecules</i> , 2021, 11, 1103.	4.0	42
40	Combating Micronutrient Deficiency and Enhancing Food Functional Quality Through Selenium Fortification of Select Lettuce Genotypes Grown in a Closed Soilless System. <i>Frontiers in Plant Science</i> , 2019, 10, 1495.	3.6	41
41	Iron Biofortification of Red and Green Pigmented Lettuce in Closed Soilless Cultivation Impacts Crop Performance and Modulates Mineral and Bioactive Composition. <i>Agronomy</i> , 2019, 9, 290.	3.0	41
42	Genotype and Successive Harvests Interaction Affects Phenolic Acids and Aroma Profile of Genovese Basil for Pesto Sauce Production. <i>Foods</i> , 2021, 10, 278.	4.3	41
43	Sensory Attributes and Consumer Acceptability of 12 Microgreens Species. <i>Agronomy</i> , 2020, 10, 1043.	3.0	40
44	Foliar Application of Different Vegetal-Derived Protein Hydrolysates Distinctively Modulates Tomato Root Development and Metabolism. <i>Plants</i> , 2021, 10, 326.	3.5	39
45	The bioactive profile of lettuce produced in a closed soilless system as configured by combinatorial effects of genotype and macrocation supply composition. <i>Food Chemistry</i> , 2020, 309, 125713.	8.2	35
46	Exogenous application of ZnO nanoparticles and ZnSO <sub>4</sub> distinctly influence the metabolic response in <i>Phaseolus vulgaris</i> L.. <i>Science of the Total Environment</i> , 2021, 778, 146331.	8.0	35
47	Cultivar-Specific Performance and Qualitative Descriptors for Butterhead Salanova Lettuce Produced in Closed Soilless Cultivation as a Candidate Salad Crop for Human Life Support in Space. <i>Life</i> , 2019, 9, 61.	2.4	34
48	Appraisal of Biodegradable Mulching Films and Vegetal-Derived Biostimulant Application as Eco-Sustainable Practices for Enhancing Lettuce Crop Performance and Nutritive Value. <i>Agronomy</i> , 2020, 10, 427.	3.0	33
49	Combining Molecular Weight Fractionation and Metabolomics to Elucidate the Bioactivity of Vegetal Protein Hydrolysates in Tomato Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 976.	3.6	32
50	Seed Priming With Protein Hydrolysates Improves Arabidopsis Growth and Stress Tolerance to Abiotic Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 626301.	3.6	32
51	Extending the concept of terroir from grapes to other agricultural commodities: an overview. <i>Current Opinion in Food Science</i> , 2020, 31, 88-95.	8.0	31
52	Metabolic Insights into the Anion-Anion Antagonism in Sweet Basil: Effects of Different Nitrate/Chloride Ratios in the Nutrient Solution. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2482.	4.1	31
53	Stand-Alone and Combinatorial Effects of Plant-based Biostimulants on the Production and Leaf Quality of Perennial Wall Rocket. <i>Plants</i> , 2020, 9, 922.	3.5	30
54	Nutrient Supplementation Configures the Bioactive Profile and Production Characteristics of Three Brassica L. Microgreens Species Grown in Peat-Based Media. <i>Agronomy</i> , 2021, 11, 346.	3.0	30

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55	Successive Harvests Affect Yield, Quality and Metabolic Profile of Sweet Basil ( <i>Ocimum basilicum</i> L.). <i>Agronomy</i> , 2020, 10, 830.	3.0	29
56	Morpho-Physiological Responses and Secondary Metabolites Modulation by Preharvest Factors of Three Hydroponically Grown Genovese Basil Cultivars. <i>Frontiers in Plant Science</i> , 2021, 12, 671026.	3.6	29
57	Foliar and Root Applications of Vegetal-Derived Protein Hydrolysates Differentially Enhance the Yield and Qualitative Attributes of Two Lettuce Cultivars Grown in Floating System. <i>Agronomy</i> , 2021, 11, 1194.	3.0	27
58	Mars Regolith Simulant Ameliorated by Compost as in situ Cultivation Substrate Improves Lettuce Growth and Nutritional Aspects. <i>Plants</i> , 2020, 9, 628.	3.5	26
59	<i>Diplotaxis tenuifolia</i> (L.) DC. Yield and Quality as Influenced by Cropping Season, Protein Hydrolysates, and <i>Trichoderma</i> Applications. <i>Plants</i> , 2020, 9, 697.	3.5	25
60	A Microbial-Based Biostimulant Enhances Sweet Pepper Performance by Metabolic Reprogramming of Phytohormone Profile and Secondary Metabolism. <i>Frontiers in Plant Science</i> , 2020, 11, 567388.	3.6	24
61	Morpho-physiological and homeostatic adaptive responses triggered by omeprazole enhance lettuce tolerance to salt stress. <i>Scientia Horticulturae</i> , 2019, 249, 22-30.	3.6	23
62	The Strength of the Nutrient Solution Modulates the Functional Profile of Hydroponically Grown Lettuce in a Genotype-Dependent Manner. <i>Foods</i> , 2020, 9, 1156.	4.3	23
63	Biostimulant Application under Different Nitrogen Fertilization Levels: Assessment of Yield, Leaf Quality, and Nitrogen Metabolism of Tunnel-Grown Lettuce. <i>Agronomy</i> , 2021, 11, 1613.	3.0	23
64	Bioformulations with Beneficial Microbial Consortia, a Bioactive Compound and Plant Biopolymers Modulate Sweet Basil Productivity, Photosynthetic Activity and Metabolites. <i>Pathogens</i> , 2021, 10, 870.	2.8	22
65	Geo-mineralogical characterisation of Mars simulant MMS-1 and appraisal of substrate physico-chemical properties and crop performance obtained with variable green compost amendment rates. <i>Science of the Total Environment</i> , 2020, 720, 137543.	8.0	21
66	Reducing Energy Requirements in Future Bioregenerative Life Support Systems (BLSSs): Performance and Bioactive Composition of Diverse Lettuce Genotypes Grown Under Optimal and Suboptimal Light Conditions. <i>Frontiers in Plant Science</i> , 2019, 10, 1305.	3.6	20
67	The Metabolic Reprogramming Induced by Sub-Optimal Nutritional and Light Inputs in Soilless Cultivated Green and Red Butterhead Lettuce. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6381.	4.1	19
68	Sweet Basil Functional Quality as Shaped by Genotype and Macronutrient Concentration Reciprocal Action. <i>Plants</i> , 2020, 9, 1786.	3.5	19
69	Productive and Morphometric Traits, Mineral Composition and Secondary Metabolome Components of Borage and Purslane as Underutilized Species for Microgreens Production. <i>Horticulturae</i> , 2021, 7, 211.	2.8	19
70	Nutritional stress suppresses nitrate content and positively impacts ascorbic acid concentration and phenolic acids profile of lettuce microgreens. <i>Italus Hortus</i> , 2020, 27, 41-52.	0.9	18
71	Plant-Derived Biostimulants Differentially Modulate Primary and Secondary Metabolites and Improve the Yield Potential of Red and Green Lettuce Cultivars. <i>Agronomy</i> , 2022, 12, 1361.	3.0	18
72	Iodine Biofortification Counters Micronutrient Deficiency and Improve Functional Quality of Open Field Grown Curly Endive. <i>Horticulturae</i> , 2021, 7, 58.	2.8	17

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73	Preharvest Nutrient Deprivation Reconfigures Nitrate, Mineral, and Phytochemical Content of Microgreens. <i>Foods</i> , 2021, 10, 1333.	4.3	17
74	Integration of Phenomics and Metabolomics Datasets Reveals Different Mode of Action of Biostimulants Based on Protein Hydrolysates in <i>Lactuca sativa</i> L. and <i>Solanum lycopersicum</i> L. Under Salinity. <i>Frontiers in Plant Science</i> , 2021, 12, 808711.	3.6	17
75	Protein hydrolysates modulate leaf proteome and metabolome in water-stressed grapevines. <i>Scientia Horticulturae</i> , 2020, 270, 109413.	3.6	16
76	Nutrient Solution Deprivation as a Tool to Improve Hydroponics Sustainability: Yield, Physiological, and Qualitative Response of Lettuce. <i>Agronomy</i> , 2021, 11, 1469.	3.0	16
77	Biostimulants Improve Plant Growth and Bioactive Compounds of Young Olive Trees under Abiotic Stress Conditions. <i>Agriculture (Switzerland)</i> , 2022, 12, 227.	3.1	16
78	Hydroponically Grown <i>Sanguisorba minor</i> Scop.: Effects of Cut and Storage on Fresh-Cut Produce. <i>Antioxidants</i> , 2019, 8, 631.	5.1	15
79	An Appraisal of Urine Derivatives Integrated in the Nitrogen and Phosphorus Inputs of a Lettuce Soilless Cultivation System. <i>Sustainability</i> , 2021, 13, 4218.	3.2	15
80	Dataset on the Effects of Anti-Insect Nets of Different Porosity on Mineral and Organic Acids Profile of <i>Cucurbita pepo</i> L. Fruits and Leaves. <i>Data</i> , 2021, 6, 50.	2.3	15
81	The Effects of Nutrient Solution Feeding Regime on Yield, Mineral Profile, and Phytochemical Composition of Spinach Microgreens. <i>Horticulturae</i> , 2021, 7, 162.	2.8	15
82	Omeprazole Promotes Chloride Exclusion and Induces Salt Tolerance in Greenhouse Basil. <i>Agronomy</i> , 2019, 9, 355.	3.0	14
83	Mineral and Antioxidant Attributes of <i>Petroselinum crispum</i> at Different Stages of Ontogeny: Microgreens vs. Baby Greens. <i>Agronomy</i> , 2021, 11, 857.	3.0	14
84	Ontogenetic Variation in the Mineral, Phytochemical and Yield Attributes of Brassicaceous Microgreens. <i>Foods</i> , 2021, 10, 1032.	4.3	14
85	Understanding the Morpho-Anatomical, Physiological, and Functional Response of Sweet Basil to Isosmotic Nitrate to Chloride Ratios. <i>Biology</i> , 2020, 9, 158.	2.8	13
86	An Appraisal of Biodegradable Mulch Films with Respect to Strawberry Crop Performance and Fruit Quality. <i>Horticulturae</i> , 2020, 6, 48.	2.8	13
87	Trichoderma and Phosphite Elicited Distinctive Secondary Metabolite Signatures in Zucchini Squash Plants. <i>Agronomy</i> , 2021, 11, 1205.	3.0	13
88	Nitrogen use efficiency, rhizosphere bacterial community, and root metabolome reprogramming due to maize seed treatment with microbial biostimulants. <i>Physiologia Plantarum</i> , 2022, 174, e13679.	5.2	13
89	Divergent Leaf Morpho-Physiological and Anatomical Adaptations of Four Lettuce Cultivars in Response to Different Greenhouse Irradiance Levels in Early Summer Season. <i>Plants</i> , 2021, 10, 1179.	3.5	12
90	Physiological and Biochemical Effects of an Aqueous Extract of <i>Lemna minor</i> L. as a Potential Biostimulant for Maize. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 3009-3018.	5.1	12

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91	Protein Hydrolysate Combined with Hydroponics Divergently Modifies Growth and Shuffles Pigments and Free Amino Acids of Carrot and Dill Microgreens. <i>Horticulturae</i> , 2021, 7, 279.	2.8	12
92	Biochemical, Physiological, and Productive Response of Greenhouse Vegetables to Suboptimal Growth Environment Induced by Insect Nets. <i>Biology</i> , 2020, 9, 432.	2.8	11
93	Pearl Grey Shading Net Boosts the Accumulation of Total Carotenoids and Phenolic Compounds That Accentuate the Antioxidant Activity of Processing Tomato. <i>Antioxidants</i> , 2021, 10, 1999.	5.1	11
94	Biostimulant Effects of an Aqueous Extract of Duckweed ( <i>Lemna minor</i> L.) on Physiological and Biochemical Traits in the Olive Tree. <i>Agriculture (Switzerland)</i> , 2021, 11, 1299.	3.1	11
95	Improved Porosity of Insect Proof Screens Enhances Quality Aspects of Zucchini Squash without Compromising the Yield. <i>Plants</i> , 2020, 9, 1264.	3.5	10
96	Shading Affects Yield, Elemental Composition and Antioxidants of Perennial Wall Rocket Crops Grown from Spring to Summer in Southern Italy. <i>Plants</i> , 2020, 9, 933.	3.5	10
97	Optical Characteristics of Greenhouse Plastic Films Affect Yield and Some Quality Traits of Spinach ( <i>Spinacia oleracea</i> L.) Subjected to Different Nitrogen Doses. <i>Horticulturae</i> , 2021, 7, 200.	2.8	10
98	Mitigation of High-Temperature Damage by Application of Kaolin and Pinolene on Young Olive Trees ( <i>Olea europaea</i> L.): A Preliminary Experiment to Assess Biometric, Eco-Physiological and Nutraceutical Parameters. <i>Agronomy</i> , 2021, 11, 1884.	3.0	10
99	Successive Harvests Modulate the Productive and Physiological Behavior of Three Genovese Pesto Basil Cultivars. <i>Agronomy</i> , 2021, 11, 560.	3.0	9
100	The Combination of Mild Salinity Conditions and Exogenously Applied Phenolics Modulates Functional Traits in Lettuce. <i>Plants</i> , 2021, 10, 1457.	3.5	9
101	Vegetal-protein hydrolysates based microgranule enhances growth, mineral content, and quality traits of vegetable transplants. <i>Scientia Horticulturae</i> , 2021, 290, 110554.	3.6	9
102	Does CaCl <sub>2</sub> Play a Role in Improving Biomass Yield and Quality of Cardoon Grown in a Floating System under Saline Conditions?. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2014, 49, 1523-1528.	1.0	9
103	Metabolomics and Physiological Insights into the Ability of Exogenously Applied Chlorogenic Acid and Hesperidin to Modulate Salt Stress in Lettuce Distinctively. <i>Molecules</i> , 2021, 26, 6291.	3.8	9
104	Assessment of Yield and Nitrate Content of Wall Rocket Grown under Diffuse-Light- or Clear-Plastic Films and Subjected to Different Nitrogen Fertilization Levels and Biostimulant Application. <i>Horticulturae</i> , 2022, 8, 138.	2.8	9
105	Foliar application of plant-based biostimulants improve yield and upgrade qualitative characteristics of processing tomato. <i>Italian Journal of Agronomy</i> , 2021, 16, .	1.0	8
106	Root-Associated Bacterial Community Shifts in Hydroponic Lettuce Cultured with Urine-Derived Fertilizer. <i>Microorganisms</i> , 2021, 9, 1326.	3.6	8
107	Trichoderma spp. and Mulching Films Differentially Boost Qualitative and Quantitative Aspects of Greenhouse Lettuce under Diverse N Conditions. <i>Horticulturae</i> , 2020, 6, 55.	2.8	7
108	Dataset on the organic acids, sulphate, total nitrogen and total chlorophyll contents of two lettuce cultivars grown hydroponically using nutrient solutions of variable macrocation ratios. <i>Data in Brief</i> , 2020, 29, 105135.	1.0	7

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109	A metabolomics insight into the Cyclic Nucleotide Monophosphate signaling cascade in tomato under non-stress and salinity conditions. <i>Plant Science</i> , 2021, 309, 110955.	3.6	7
110	The potential of greenhouse diffusing cover material on yield and nutritive values of lambâ€™s lettuce grown under diverse nitrogen regimes. <i>Italus Hortus</i> , 0, 27, 55-67.	0.9	7
111	The Complex Metabolomics Crosstalk Triggered by Four Molecular Elicitors in Tomato. <i>Plants</i> , 2022, 11, 678.	3.5	7
112	Morpho-Metric and Specialized Metabolites Modulation of Parsley Microgreens through Selective LED Wavebands. <i>Agronomy</i> , 2022, 12, 1502.	3.0	7
113	Isosmotic Macrocation Variation Modulates Mineral Efficiency, Morpho-Physiological Traits, and Functional Properties in Hydroponically Grown Lettuce Varieties ( <i>Lactuca sativa</i> L.). <i>Frontiers in Plant Science</i> , 2021, 12, 678799.	3.6	6
114	The Modulation of Auxin-Responsive Genes, Phytohormone Profile, and Metabolomic Signature in Leaves of Tomato Cuttings Is Specifically Modulated by Different Protein Hydrolysates. <i>Agronomy</i> , 2021, 11, 1524.	3.0	5
115	Biostimulatory Action of a Plant-Derived Protein Hydrolysate on Morphological Traits, Photosynthetic Parameters, and Mineral Composition of Two Basil Cultivars Grown Hydroponically under Variable Electrical Conductivity. <i>Horticulturae</i> , 2022, 8, 409.	2.8	5
116	Intraspecific Variability Largely Affects the Leaf Metabolomics Response to Isosmotic Macrocation Variations in Two Divergent Lettuce ( <i>Lactuca sativa</i> L.) Varieties. <i>Plants</i> , 2021, 10, 91.	3.5	4
117	Biostimulant Application Improves Yield Parameters and Accentuates Fruit Color of Annurca Apples. <i>Agronomy</i> , 2021, 11, 715.	3.0	4
118	The Mycorrhiza-and Trichoderma-Mediated Elicitation of Secondary Metabolism and Modulation of Phytohormone Profile in Tomato Plants. <i>Horticulturae</i> , 2021, 7, 394.	2.8	4
119	Can Seaweed Extract Improve Yield and Quality of Brewing Barley Subjected to Different Levels of Nitrogen Fertilization?. <i>Agronomy</i> , 2021, 11, 2481.	3.0	4
120	Foliar and Root Comparative Metabolomics and Phenolic Profiling of Micro-Tom Tomato ( <i>Solanum</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Treatments. <i>Plants</i> , 2022, 11, 1829.	3.5	3
121	Dataset on the Effects of Different Pre-Harvest Factors on the Metabolomics Profile of Lettuce ( <i>Lactuca sativa</i> L.) Leaves. <i>Data</i> , 2020, 5, 119.	2.3	2
122	Between Light and Shading: Morphological, Biochemical, and Metabolomics Insights Into the Influence of Blue Photoselective Shading on Vegetable Seedlings. <i>Frontiers in Plant Science</i> , 2022, 13, .	3.6	2
123	Effects of genotypes, plant density and N rates on yield and quality of spinach. , 2017, , .		0
124	Nutritive Value, Polyphenolic Content, and Bioactive Constitution of Green, Red and Flowering Plants. <i>Horticulturae</i> , 2022, 8, 461.	2.8	0