

Youssef Roupael

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Assessing the effect of P-solubilizing bacteria and mycorrhizal fungi on tomato yield and quality under different crop rotations. <i>Scientia Horticulturae</i> , 2022, 293, 110740.	1.7	9
2	The Potential for Lunar and Martian Regolith Simulants to Sustain Plant Growth: A Multidisciplinary Overview. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 8, .	1.1	22
3	Seed Treatments with Microorganisms Can Have a Biostimulant Effect by Influencing Germination and Seedling Growth of Crops. <i>Plants</i> , 2022, 11, 259.	1.6	35
4	Development Changes in the Physicochemical Composition and Mineral Profile of Red-Fleshed Dragon Fruit Grown under Semi-Arid Conditions. <i>Agronomy</i> , 2022, 12, 355.	1.3	3
5	Application of PGPB Combined with Variable N Doses Affects Growth, Yield-Related Traits, N-Fertilizer Efficiency and Nutritional Status of Lettuce Grown under Controlled Condition. <i>Agronomy</i> , 2022, 12, 236.	1.3	23
6	Changes in Morpho-Anatomical and Eco-Physiological Responses of <i>Viburnum tinus</i> L. var <i>lucidum</i> as Modulated by Sodium Chloride and Calcium Chloride Salinization. <i>Horticulturae</i> , 2022, 8, 119.	1.2	3
7	Agronomic performance and fruit quality in greenhouse grown eggplant are interactively modulated by iodine dosage and grafting. <i>Scientia Horticulturae</i> , 2022, 295, 110891.	1.7	15
8	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.	1.2	9
9	Biostimulants Improve Plant Growth and Bioactive Compounds of Young Olive Trees under Abiotic Stress Conditions. <i>Agriculture (Switzerland)</i> , 2022, 12, 227.	1.4	16
10	Underutilized Fruit Crops of Indian Arid and Semi-Arid Regions: Importance, Conservation and Utilization Strategies. <i>Horticulturae</i> , 2022, 8, 171.	1.2	18
11	Rate and Timing of Application of Biostimulant Substances to Enhance Fruit Tree Tolerance toward Environmental Stresses and Fruit Quality. <i>Agronomy</i> , 2022, 12, 603.	1.3	12
12	Untargeted Phenolic Profiling and Functional Insights of the Aerial Parts and Bulbs of <i>Drimia maritima</i> (L.) Stearn. <i>Plants</i> , 2022, 11, 600.	1.6	4
13	Root Knot Nematode Presence and Its Integrated Management in Pomegranate Orchards Located in Indian Arid Areas. <i>Horticulturae</i> , 2022, 8, 160.	1.2	2
14	The Bioactive Compounds and Fatty Acid Profile of Bitter Apple Seed Oil Obtained in Hot, Arid Environments. <i>Horticulturae</i> , 2022, 8, 259.	1.2	6
15	Differential Response to NaCl Osmotic Stress in Sequentially Harvested Hydroponic Red and Green Basil and the Role of Calcium. <i>Frontiers in Plant Science</i> , 2022, 13, 799213.	1.7	11
16	The Complex Metabolomics Crosstalk Triggered by Four Molecular Elicitors in Tomato. <i>Plants</i> , 2022, 11, 678.	1.6	7
17	An appraisal of critical factors configuring the composition of basil in minerals, bioactive secondary metabolites, micronutrients and volatile aromatic compounds. <i>Journal of Food Composition and Analysis</i> , 2022, 111, 104582.	1.9	14
18	A Plant Characterization Unit for Closed Life Support: Hardware and Control Design for Atmospheric Systems. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, .	1.1	5

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19	Bioactive Compounds and Antioxidant Activity of Lettuce Grown in Different Mixtures of Monogastric-Based Manure With Lunar and Martian Soils. <i>Frontiers in Nutrition</i> , 2022, 9, 890786.	1.6	7
20	Stand-Alone or Combinatorial Effects of Grafting and Microbial and Non-Microbial Derived Compounds on Vigour, Yield and Nutritive and Functional Quality of Greenhouse Eggplant. <i>Plants</i> , 2022, 11, 1175.	1.6	11
21	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.	1.2	5
22	Between Light and Shading: Morphological, Biochemical, and Metabolomics Insights Into the Influence of Blue Photosensitive Shading on Vegetable Seedlings. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	2
23	Chemical, Functional, and Technological Features of Grains, Brans, and Semolina from Purple and Red Durum Wheat Landraces. <i>Foods</i> , 2022, 11, 1545.	1.9	3
24	Biostimulatory Action of Vegetal Protein Hydrolysate Compensates for Reduced Strength Nutrient Supply in a Floating Raft System by Enhancing Performance and Qualitative Features of "Genovese" Basil. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	5
25	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.	1.3	18
26	Morpho-Metric and Specialized Metabolites Modulation of Parsley Microgreens through Selective LED Wavebands. <i>Agronomy</i> , 2022, 12, 1502.	1.3	7
27	Improving Bell Pepper Crop Performance and Fruit Quality under Suboptimal Calcium Conditions by Grafting onto Tolerant Rootstocks. <i>Agronomy</i> , 2022, 12, 1644.	1.3	1
28	Water Stress Alleviation Effects of Biostimulants on Greenhouse-Grown Tomato Fruit. <i>Horticulturae</i> , 2022, 8, 645.	1.2	9
29	Macro and trace element mineral composition of six hemp varieties grown as microgreens. <i>Journal of Food Composition and Analysis</i> , 2022, 114, 104750.	1.9	5
30	Genotype and Successive Harvests Interaction Affects Phenolic Acids and Aroma Profile of Genovese Basil for Pesto Sauce Production. <i>Foods</i> , 2021, 10, 278.	1.9	41
31	Mapping the Primary and Secondary Metabolomes of Carob (<i>Ceratonia siliqua</i> L.) Fruit and Its Postharvest Antioxidant Potential at Critical Stages of Ripening. <i>Antioxidants</i> , 2021, 10, 57.	2.2	25
32	Responses of sweet pepper (<i>Capsicum annum</i> L.) cultivated in a closed hydroponic system to variable calcium concentrations in the nutrient solution. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4342-4349.	1.7	8
33	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.	1.6	4
34	Modulating Vapor Pressure Deficit in the Plant Micro-Environment May Enhance the Bioactive Value of Lettuce. <i>Horticulturae</i> , 2021, 7, 32.	1.2	12
35	Plant-Based Protein Hydrolysate Improves Salinity Tolerance in Hemp: Agronomical and Physiological Aspects. <i>Agronomy</i> , 2021, 11, 342.	1.3	42
36	Foliar Application of Different Vegetal-Derived Protein Hydrolysates Distinctively Modulates Tomato Root Development and Metabolism. <i>Plants</i> , 2021, 10, 326.	1.6	39

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37	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.	1.3	30
38	Counteracting the Negative Effects of Copper Limitations Through the Biostimulatory Action of a Tropical Plant Extract in Grapevine Under Pedo-Climatic Constraints. <i>Frontiers in Environmental Science</i> , 2021, 9, .	1.5	8
39	Root Zone Management for Improving Seedling Quality of Organically Produced Horticultural Crops. <i>Agronomy</i> , 2021, 11, 630.	1.3	8
40	Successive Harvests Modulate the Productive and Physiological Behavior of Three Genovese Pesto Basil Cultivars. <i>Agronomy</i> , 2021, 11, 560.	1.3	9
41	Foliar application of plant-based biostimulants improve yield and upgrade qualitative characteristics of processing tomato. <i>Italian Journal of Agronomy</i> , 2021, 16, .	0.4	8
42	The Genetic Diversity and Structure of Tomato Landraces from the Campania Region (Southern Italy) Uncovers a Distinct Population Identity. <i>Agronomy</i> , 2021, 11, 564.	1.3	13
43	Iodine Biofortification Counters Micronutrient Deficiency and Improve Functional Quality of Open Field Grown Curly Endive. <i>Horticulturae</i> , 2021, 7, 58.	1.2	17
44	Plant-Based Biostimulant as Sustainable Alternative to Synthetic Growth Regulators in Two Sweet Cherry Cultivars. <i>Plants</i> , 2021, 10, 619.	1.6	16
45	An Appraisal of Urine Derivatives Integrated in the Nitrogen and Phosphorus Inputs of a Lettuce Soilless Cultivation System. <i>Sustainability</i> , 2021, 13, 4218.	1.6	15
46	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.	1.7	29
47	Biostimulant Application Improves Yield Parameters and Accentuates Fruit Color of Annurca Apples. <i>Agronomy</i> , 2021, 11, 715.	1.3	4
48	Mineral and Antioxidant Attributes of <i>Petroselinum crispum</i> at Different Stages of Ontogeny: Microgreens vs. Baby Greens. <i>Agronomy</i> , 2021, 11, 857.	1.3	14
49	Biostimulation as a Means for Optimizing Fruit Phytochemical Content and Functional Quality of Tomato Landraces of the San Marzano Area. <i>Foods</i> , 2021, 10, 926.	1.9	16
50	Response and Defence Mechanisms of Vegetable Crops against Drought, Heat and Salinity Stress. <i>Agriculture (Switzerland)</i> , 2021, 11, 463.	1.4	104
51	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.	1.2	15
52	Protein Hydrolysates and Mo-Biofortification Interactively Modulate Plant Performance and Quality of "Canasta"™ Lettuce Grown in a Protected Environment. <i>Agronomy</i> , 2021, 11, 1023.	1.3	24
53	Biology and crop production in Space environments: Challenges and opportunities. <i>Life Sciences in Space Research</i> , 2021, 29, 30-37.	1.2	24
54	Regulated Salinity Eustress in a Floating Hydroponic Module of Sequentially Harvested Lettuce Modulates Phytochemical Constitution, Plant Resilience, and Post-Harvest Nutraceutical Quality. <i>Agronomy</i> , 2021, 11, 1040.	1.3	15

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55	1-Methylcyclopropene Improves Postharvest Performances and Sensorial Attributes of Annurca-Type Apples Exposed to the Traditional Reddening in Open-Field Melaio. <i>Agronomy</i> , 2021, 11, 1056.	1.3	3
56	Biochemical, Physiological, and Molecular Aspects of Ornamental Plants Adaptation to Deficit Irrigation. <i>Horticulturae</i> , 2021, 7, 107.	1.2	24
57	Ontogenetic Variation in the Mineral, Phytochemical and Yield Attributes of Brassicaceous Microgreens. <i>Foods</i> , 2021, 10, 1032.	1.9	14
58	The Effects of Nutrient Solution Feeding Regime on Yield, Mineral Profile, and Phytochemical Composition of Spinach Microgreens. <i>Horticulturae</i> , 2021, 7, 162.	1.2	15
59	Preharvest Nutrient Deprivation Reconfigures Nitrate, Mineral, and Phytochemical Content of Microgreens. <i>Foods</i> , 2021, 10, 1333.	1.9	17
60	Productive Characteristics and Fruit Quality Traits of Cherry Tomato Hybrids as Modulated by Grafting on Different <i>Solanum</i> spp. Rootstocks under <i>Ralstonia solanacearum</i> Infested Greenhouse Soil. <i>Agronomy</i> , 2021, 11, 1311.	1.3	10
61	Seed Priming With Protein Hydrolysates Improves <i>Arabidopsis</i> Growth and Stress Tolerance to Abiotic Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 626301.	1.7	32
62	Antimicrobial Properties, Cytotoxic Effects, and Fatty Acids Composition of Vegetable Oils from Purslane, Linseed, Luffa, and Pumpkin Seeds. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5738.	1.3	18
63	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.	1.6	12
64	Effects of vegetal- versus animal-derived protein hydrolysate on sweet basil morpho-physiological and metabolic traits. <i>Scientia Horticulturae</i> , 2021, 284, 110123.	1.7	42
65	Impact of <i>Ecklonia maxima</i> Seaweed Extract and Mo Foliar Treatments on Biofortification, Spinach Yield, Quality and NUE. <i>Plants</i> , 2021, 10, 1139.	1.6	31
66	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.	1.7	6
67	Untargeted Phytochemical Profile, Antioxidant Capacity and Enzyme Inhibitory Activity of Cultivated and Wild Lupin Seeds from Tunisia. <i>Molecules</i> , 2021, 26, 3452.	1.7	11
68	Trichoderma and Phosphite Elicited Distinctive Secondary Metabolite Signatures in Zucchini Squash Plants. <i>Agronomy</i> , 2021, 11, 1205.	1.3	13
69	An Endophytic Fungi-Based Biostimulant Modulates Volatile and Non-Volatile Secondary Metabolites and Yield of Greenhouse Basil (<i>Ocimum basilicum</i> L.) through Variable Mechanisms Dependent on Salinity Stress Level. <i>Pathogens</i> , 2021, 10, 797.	1.2	23
70	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.	1.3	27
71	Reducing the Evaporative Demand Improves Photosynthesis and Water Use Efficiency of Indoor Cultivated Lettuce. <i>Agronomy</i> , 2021, 11, 1396.	1.3	17
72	Nutrient Solution Deprivation as a Tool to Improve Hydroponics Sustainability: Yield, Physiological, and Qualitative Response of Lettuce. <i>Agronomy</i> , 2021, 11, 1469.	1.3	16

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73	Biostimulant Substances for Sustainable Agriculture: Origin, Operating Mechanisms and Effects on Cucurbits, Leafy Greens, and Nightshade Vegetables Species. <i>Biomolecules</i> , 2021, 11, 1103.	1.8	42
74	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.	1.2	10
75	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.	1.3	5
76	Selenium biofortification and grafting modulate plant performance and functional features of cherry tomato grown in a soilless system. <i>Scientia Horticulturae</i> , 2021, 285, 110095.	1.7	35
77	The Combination of Mild Salinity Conditions and Exogenously Applied Phenolics Modulates Functional Traits in Lettuce. <i>Plants</i> , 2021, 10, 1457.	1.6	9
78	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.	1.2	22
79	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.	1.2	19
80	Biowaste-Derived Humic-like Substances Improve Growth and Quality of Orange Jasmine (<i>Murraya</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	7
81	Configuration by Osmotic Eustress Agents of the Morphometric Characteristics and the Polyphenolic Content of Differently Pigmented Baby Lettuce Varieties in Two Successive Harvests. <i>Horticulturae</i> , 2021, 7, 264.	1.2	3
82	Combined Influence of Grafting and Type of Protected Environment Structure on Agronomic and Physiological Traits of Single- and Cluster-Fruit-Bearing Cucumber Hybrids. <i>Agronomy</i> , 2021, 11, 1604.	1.3	5
83	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.	1.3	23
84	Biostimulatory Action of Vegetal Protein Hydrolysate and the Configuration of Fruit Physicochemical Characteristics in Grafted Watermelon. <i>Horticulturae</i> , 2021, 7, 313.	1.2	4
85	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.	1.3	10
86	Unraveling the Modulation of Controlled Salinity Stress on Morphometric Traits, Mineral Profile, and Bioactive Metabolome Equilibrium in Hydroponic Basil. <i>Horticulturae</i> , 2021, 7, 273.	1.2	7
87	The Fate of Nitrogen from Soil to Plants: Influence of Agricultural Practices in Modern Agriculture. <i>Agriculture (Switzerland)</i> , 2021, 11, 944.	1.4	18
88	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.	1.2	12
89	Fruit quality and volatile compound composition of processing tomato as affected by fertilisation practices and arbuscular mycorrhizal fungi application. <i>Food Chemistry</i> , 2021, 359, 129961.	4.2	20
90	Changes in the primary and secondary metabolome of male green asparagus (<i>Asparagus officinalis</i> L.) as modulated by sequential harvesting. <i>Food Chemistry</i> , 2021, 358, 129877.	4.2	6

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91	Vegetal-protein hydrolysates based microgranule enhances growth, mineral content, and quality traits of vegetable transplants. <i>Scientia Horticulturae</i> , 2021, 290, 110554.	1.7	9
92	Phytochemical Constituents and Biological Activities of the Unexplored Plant <i>Rhinanthus angustifolius</i> subsp. <i>grandiflorus</i> . <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9162.	1.3	4
93	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.	1.7	9
94	Phytochemical Responses to Salt Stress in Red and Green Baby Leaf Lettuce (<i>Lactuca sativa</i> L.) Varieties Grown in a Floating Hydroponic Module. <i>Separations</i> , 2021, 8, 175.	1.1	7
95	Morphological and Physio-Biochemical Responses of Watermelon Grafted onto Rootstocks of Wild Watermelon [<i>Citrullus colocynthis</i> (L.) Schrad] and Commercial Interspecific <i>Cucurbita</i> Hybrid to Drought Stress. <i>Horticulturae</i> , 2021, 7, 359.	1.2	12
96	Effects of NaCl and CaCl ₂ Salinization on Morpho-Anatomical and Physiological Traits of Potted <i>Callistemon citrinus</i> Plants. <i>Forests</i> , 2021, 12, 1666.	0.9	5
97	The Compositional Aspects of Edible Flowers as an Emerging Horticultural Product. <i>Molecules</i> , 2021, 26, 6940.	1.7	20
98	Regolith as Baseline to a Future Space Farm. <i>Biology and Life Sciences Forum</i> , 2021, 3, .	0.6	0
99	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.	1.7	17
100	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.	2.2	11
101	Configuration of the Volatile Aromatic Profile of Carob Powder Milled From Pods of Genetic Variants Harvested at Progressive Stages of Ripening From High and Low Altitudes. <i>Frontiers in Nutrition</i> , 2021, 8, 789169.	1.6	4
102	Can Seaweed Extract Improve Yield and Quality of Brewing Barley Subjected to Different Levels of Nitrogen Fertilization?. <i>Agronomy</i> , 2021, 11, 2481.	1.3	4
103	Sprouts, Microgreens and Edible Flowers as Novel Functional Foods. <i>Agronomy</i> , 2021, 11, 2568.	1.3	12
104	Developing a fast and accurate model to estimate allometrically the total shoot leaf area in grapevines. <i>Scientia Horticulturae</i> , 2020, 259, 108794.	1.7	9
105	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.	4.2	35
106	Growth-promoting bacteria and arbuscular mycorrhizal fungi differentially benefit tomato and corn depending upon the supplied form of phosphorus. <i>Mycorrhiza</i> , 2020, 30, 133-147.	1.3	66
107	Analysis of Cultivar-Specific Variability in Size-Related Leaf Traits and Modeling of Single Leaf Area in Three Medicinal and Aromatic Plants: <i>Ocimum basilicum</i> L., <i>Mentha</i> Spp., and <i>Salvia</i> Spp.. <i>Plants</i> , 2020, 9, 13.	1.6	3
108	An Appraisal of Calcium Cyanamide as Alternative N Source for Spring-Summer and Fall Season Curly Endive Crops: Effects on Crop Performance, NUE and Functional Quality Components. <i>Agronomy</i> , 2020, 10, 1357.	1.3	5

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109	Heat- and Ultrasound-Assisted Aqueous Extraction of Soluble Carbohydrates and Phenolics from Carob Kibbles of Variable Size and Source Material. <i>Foods</i> , 2020, 9, 1364.	1.9	12
110	Physiological and Nutraceutical Quality of Green and Red Pigmented Lettuce in Response to NaCl Concentration in Two Successive Harvests. <i>Agronomy</i> , 2020, 10, 1358.	1.3	31
111	Toward a Sustainable Agriculture Through Plant Biostimulants: From Experimental Data to Practical Applications. <i>Agronomy</i> , 2020, 10, 1461.	1.3	99
112	Improved Porosity of Insect Proof Screens Enhances Quality Aspects of Zucchini Squash without Compromising the Yield. <i>Plants</i> , 2020, 9, 1264.	1.6	10
113	¹ H NMR metabolic profiling dataset of spiny chicory (<i>Cichorium spinosum</i> L.) exposed to abiotic stresses. <i>Data in Brief</i> , 2020, 30, 105622.	0.5	0
114	Understanding the Morpho-Anatomical, Physiological, and Functional Response of Sweet Basil to Isonitric Nitrate to Chloride Ratios. <i>Biology</i> , 2020, 9, 158.	1.3	13
115	Appraisal of Salt Tolerance under Greenhouse Conditions of a Cucurbitaceae Genetic Repository of Potential Rootstocks and Scions. <i>Agronomy</i> , 2020, 10, 967.	1.3	8
116	Sensory Attributes and Consumer Acceptability of 12 Microgreens Species. <i>Agronomy</i> , 2020, 10, 1043.	1.3	40
117	Irrigation management of European greenhouse vegetable crops. <i>Agricultural Water Management</i> , 2020, 242, 106393.	2.4	51
118	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.	1.6	10
119	Augmenting the Sustainability of Vegetable Cropping Systems by Configuring Rootstock-Dependent Rhizomicrobiomes that Support Plant Protection. <i>Agronomy</i> , 2020, 10, 1185.	1.3	9
120	An Appraisal of Biodegradable Mulch Films with Respect to Strawberry Crop Performance and Fruit Quality. <i>Horticulturae</i> , 2020, 6, 48.	1.2	13
121	Phytochemical Profile, Mineral Content, and Bioactive Compounds in Leaves of Seed-Propagated Artichoke Hybrid Cultivars. <i>Molecules</i> , 2020, 25, 3795.	1.7	9
122	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.	1.6	30
123	Microalgae: New Source of Plant Biostimulants. <i>Agronomy</i> , 2020, 10, 1240.	1.3	53
124	Enhancing Sustainability by Improving Plant Salt Tolerance through Macro- and Micro-Algal Biostimulants. <i>Biology</i> , 2020, 9, 253.	1.3	66
125	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.	1.8	19
126	<i>Trichoderma</i> spp. and Mulching Films Differentially Boost Qualitative and Quantitative Aspects of Greenhouse Lettuce under Diverse N Conditions. <i>Horticulturae</i> , 2020, 6, 55.	1.2	7

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127	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.	1.9	23
128	Celery (<i>Apium graveolens</i> L.) Performances as Subjected to Different Sources of Protein Hydrolysates. <i>Plants</i> , 2020, 9, 1633.	1.6	37
129	Grafting as a Sustainable Means for Securing Yield Stability and Quality in Vegetable Crops. <i>Agronomy</i> , 2020, 10, 1945.	1.3	6
130	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.	1.2	2
131	Sweet Basil Functional Quality as Shaped by Genotype and Macronutrient Concentration Reciprocal Action. <i>Plants</i> , 2020, 9, 1786.	1.6	19
132	Biochemical, Physiological, and Productive Response of Greenhouse Vegetables to Suboptimal Growth Environment Induced by Insect Nets. <i>Biology</i> , 2020, 9, 432.	1.3	11
133	Modulatory Effects of Interspecific and Gourd Rootstocks on Crop Performance, Physicochemical Quality, Bioactive Components and Postharvest Performance of Diploid and Triploid Watermelon Scions. <i>Agronomy</i> , 2020, 10, 1396.	1.3	4
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135	Foliar Application of an Amino Acid-Enriched Urea Fertilizer on "Greco"™ Grapevines at Full Veraison Increases Berry Yeast-Assimilable Nitrogen Content. <i>Plants</i> , 2020, 9, 619.	1.6	12
136	Mars Regolith Simulant Ameliorated by Compost as in situ Cultivation Substrate Improves Lettuce Growth and Nutritional Aspects. <i>Plants</i> , 2020, 9, 628.	1.6	26
137	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.	1.5	54
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142	Rootstock and Arbuscular Mycorrhiza Combinatorial Effects on Eggplant Crop Performance and Fruit Quality under Greenhouse Conditions. <i>Agronomy</i> , 2020, 10, 693.	1.3	35
143	Nitrogen Use and Uptake Efficiency and Crop Performance of Baby Spinach (<i>Spinacia oleracea</i> L.) and Lamb'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.	1.3	70
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146	Selenium Biofortification Impacts the Nutritive Value, Polyphenolic Content, and Bioactive Constitution of Variable Microgreens Genotypes. <i>Antioxidants</i> , 2020, 9, 272.	2.2	67
147	Successive Harvests Affect Yield, Quality and Metabolic Profile of Sweet Basil (<i>Ocimum basilicum</i> L.). <i>Agronomy</i> , 2020, 10, 830.	1.3	29
148	Using Microgranular-Based Biostimulant in Vegetable Transplant Production to Enhance Growth and Nitrogen Uptake. <i>Agronomy</i> , 2020, 10, 842.	1.3	4
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156	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.	1.3	56
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158	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.	0.5	7
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160	Coniferous wood biochar as substrate component of two containerized Lavender species: Effects on morpho-physiological traits and nutrients partitioning. <i>Scientia Horticulturae</i> , 2020, 267, 109356.	1.7	22
161	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.	2.2	53
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166	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.	0.5	18
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169	Omeprazole Promotes Chloride Exclusion and Induces Salt Tolerance in Greenhouse Basil. <i>Agronomy</i> , 2019, 9, 355.	1.3	14
170	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.	1.6	67
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179	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.	1.7	100
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183	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.	1.3	41
184	Biochemical, Physiological and Anatomical Mechanisms of Adaptation of <i>Callistemon citrinus</i> and <i>Viburnum lucidum</i> to NaCl and CaCl ₂ Salinization. <i>Frontiers in Plant Science</i> , 2019, 10, 742.	1.7	28
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190	Metabolomic responses triggered by arbuscular mycorrhiza enhance tolerance to water stress in wheat cultivars. <i>Plant Physiology and Biochemistry</i> , 2019, 137, 203-212.	2.8	102
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196	Growth, photosynthetic activity and tuber quality of two potato cultivars in controlled environment as affected by light source. <i>Plant Biosystems</i> , 2019, 153, 725-735.	0.8	24
197	Inoculation of <i>Rhizoglossomus irregulare</i> or <i>Trichoderma atroviride</i> differentially modulates metabolite profiling of wheat root exudates. <i>Phytochemistry</i> , 2019, 157, 158-167.	1.4	76
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202	Salinity as eustressor for enhancing quality of vegetables. <i>Scientia Horticulturae</i> , 2018, 234, 361-369.	1.7	92
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213	Physiological and Metabolic Responses Triggered by Omeprazole Improve Tomato Plant Tolerance to NaCl Stress. <i>Frontiers in Plant Science</i> , 2018, 9, 249.	1.7	67
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218	Protein Hydrolysate Stimulates Growth in Tomato Coupled With N-Dependent Gene Expression Involved in N Assimilation. <i>Frontiers in Plant Science</i> , 2018, 9, 1233.	1.7	108
219	Water and fertilization management of vegetables: state of art and future challenges. <i>European Journal of Horticultural Science</i> , 2018, 83, 306-318.	0.3	21
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221	Phenolic composition, antioxidant activity and mineral profile in two seed-propagated artichoke cultivars as affected by microbial inoculants and planting time. <i>Food Chemistry</i> , 2017, 234, 10-19.	4.2	94
222	Biochemical and histological contributions to textural changes in watermelon fruit modulated by grafting. <i>Food Chemistry</i> , 2017, 237, 133-140.	4.2	25
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255	Nutritional quality of ten leafy vegetables harvested at two light intensities. <i>Food Chemistry</i> , 2016, 199, 702-710.	4.2	171
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