

# Christophe El-Nakhel

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118 papers	2,791 citations	31 h-index	49 g-index
124 ext. papers	4,068 ext. citations	4.6 avg, IF	5.76 L-index

#	Paper	IF	Citations
118	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> , <b>2022</b> , 8, 138	2.5	2
117	Biostimulants Improve Plant Growth and Bioactive Compounds of Young Olive Trees under Abiotic Stress Conditions. <i>Agriculture (Switzerland)</i> , <b>2022</b> , 12, 227	3	2
116	Nitrogen use efficiency, rhizosphere bacterial community and root metabolome reprogramming due to maize seed treatment with microbial biostimulants.. <i>Physiologia Plantarum</i> , <b>2022</b> , e13679	4.6	4
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> , <b>2022</b> , 8, 409	2.5	
114	Plant-Derived Biostimulants Differentially Modulate Primary and Secondary Metabolites and Improve the Yield Potential of Red and Green Lettuce Cultivars. <i>Agronomy</i> , <b>2022</b> , 12, 1361	3.6	1
113	Integration of Phenomics and Metabolomics Datasets Reveals Different Mode of Action of Biostimulants Based on Protein Hydrolysates in L. and L. Under Salinity.. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 808711	6.2	0
112	Metabolomics and Physiological Insights into the Ability of Exogenously Applied Chlorogenic Acid and Hesperidin to Modulate Salt Stress in Lettuce Distinctively. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
111	The Mycorrhiza-and Trichoderma-Mediated Elicitation of Secondary Metabolism and Modulation of Phytohormone Profile in Tomato Plants. <i>Horticulturae</i> , <b>2021</b> , 7, 394	2.5	1
110	Successive Harvests Modulate the Productive and Physiological Behavior of Three Genovese Pesto Basil Cultivars. <i>Agronomy</i> , <b>2021</b> , 11, 560	3.6	4
109	Foliar application of plant-based biostimulants improve yield and upgrade qualitative characteristics of processing tomato. <i>Italian Journal of Agronomy</i> , <b>2021</b> , 16,	1.4	4
108	Iodine Biofortification Counters Micronutrient Deficiency and Improve Functional Quality of Open Field Grown Curly Endive. <i>Horticulturae</i> , <b>2021</b> , 7, 58	2.5	7
107	An Appraisal of Urine Derivatives Integrated in the Nitrogen and Phosphorus Inputs of a Lettuce Soilless Cultivation System. <i>Sustainability</i> , <b>2021</b> , 13, 4218	3.6	7
106	Morpho-Physiological Responses and Secondary Metabolites Modulation by Preharvest Factors of Three Hydroponically Grown Genovese Basil Cultivars. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 671026	6.2	10
105	Biostimulant Application Improves Yield Parameters and Accentuates Fruit Color of Annurca Apples. <i>Agronomy</i> , <b>2021</b> , 11, 715	3.6	0
104	Mineral and Antioxidant Attributes of <i>Petroselinum crispum</i> at Different Stages of Ontogeny: Microgreens vs. Baby Greens. <i>Agronomy</i> , <b>2021</b> , 11, 857	3.6	6
103	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> , <b>2021</b> , 6, 50	2.3	7
102	Ontogenetic Variation in the Mineral, Phytochemical and Yield Attributes of Brassicaceous Microgreens. <i>Foods</i> , <b>2021</b> , 10,	4.9	4

101	The Effects of Nutrient Solution Feeding Regime on Yield, Mineral Profile, and Phytochemical Composition of Spinach Microgreens. <i>Horticulturae</i> , <b>2021</b> , 7, 162	2.5	1
100	Preharvest Nutrient Deprivation Reconfigures Nitrate, Mineral, and Phytochemical Content of Microgreens. <i>Foods</i> , <b>2021</b> , 10,	4.9	5
99	Seed Priming With Protein Hydrolysates Improves Arabidopsis Growth and Stress Tolerance to Abiotic Stresses. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 626301	6.2	6
98	Root-Associated Bacterial Community Shifts in Hydroponic Lettuce Cultured with Urine-Derived Fertilizer. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	2
97	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> , <b>2021</b> , 10,	4.5	3
96	Isosmotic Macrocation Variation Modulates Mineral Efficiency, Morpho-Physiological Traits, and Functional Properties in Hydroponically Grown Lettuce Varieties ( L.). <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 678799	6.2	2
95	Trichoderma and Phosphite Elicited Distinctive Secondary Metabolite Signatures in Zucchini Squash Plants. <i>Agronomy</i> , <b>2021</b> , 11, 1205	3.6	3
94	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> , <b>2021</b> , 11, 1194	3.6	11
93	Nutrient Solution Deprivation as a Tool to Improve Hydroponics Sustainability: Yield, Physiological, and Qualitative Response of Lettuce. <i>Agronomy</i> , <b>2021</b> , 11, 1469	3.6	7
92	Biostimulant Substances for Sustainable Agriculture: Origin, Operating Mechanisms and Effects on Cucurbits, Leafy Greens, and Nightshade Vegetables Species. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	9
91	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> , <b>2021</b> , 7, 200	2.5	2
90	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> , <b>2021</b> , 11, 1524	3.6	0
89	Genotype and Successive Harvests Interaction Affects Phenolic Acids and Aroma Profile of Genovese Basil for Pesto Sauce Production. <i>Foods</i> , <b>2021</b> , 10,	4.9	16
88	Intraspecific Variability Largely Affects the Leaf Metabolomics Response to Isosmotic Macrocation Variations in Two Divergent Lettuce ( L.) Varieties. <i>Plants</i> , <b>2021</b> , 10,	4.5	3
87	Foliar Application of Different Vegetal-Derived Protein Hydrolysates Distinctively Modulates Tomato Root Development and Metabolism. <i>Plants</i> , <b>2021</b> , 10,	4.5	18
86	Nutrient Supplementation Configures the Bioactive Profile and Production Characteristics of Three Brassica L. Microgreens Species Grown in Peat-Based Media. <i>Agronomy</i> , <b>2021</b> , 11, 346	3.6	12
85	The Combination of Mild Salinity Conditions and Exogenously Applied Phenolics Modulates Functional Traits in Lettuce. <i>Plants</i> , <b>2021</b> , 10,	4.5	3
84	Bioformulations with Beneficial Microbial Consortia, a Bioactive Compound and Plant Biopolymers Modulate Sweet Basil Productivity, Photosynthetic Activity and Metabolites. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	5

83	Exogenous application of ZnO nanoparticles and ZnSO distinctly influence the metabolic response in <i>Phaseolus vulgaris</i> L. <i>Science of the Total Environment</i> , <b>2021</b> , 778, 146331	10.2	15
82	Productive and Morphometric Traits, Mineral Composition and Secondary Metabolome Components of Borage and Purslane as Underutilized Species for Microgreens Production. <i>Horticulturae</i> , <b>2021</b> , 7, 211	2.5	3
81	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanolic Phyto-Extracts of L. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	28
80	A metabolomics insight into the Cyclic Nucleotide Monophosphate signaling cascade in tomato under non-stress and salinity conditions. <i>Plant Science</i> , <b>2021</b> , 309, 110955	5.3	2
79	Biostimulant Application under Different Nitrogen Fertilization Levels: Assessment of Yield, Leaf Quality, and Nitrogen Metabolism of Tunnel-Grown Lettuce. <i>Agronomy</i> , <b>2021</b> , 11, 1613	3.6	8
78	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> , <b>2021</b> , 11, 1884	3.6	3
77	Protein Hydrolysate Combined with Hydroponics Divergently Modifies Growth and Shuffles Pigments and Free Amino Acids of Carrot and Dill Microgreens. <i>Horticulturae</i> , <b>2021</b> , 7, 279	2.5	1
76	Vegetal-protein hydrolysates based microgranule enhances growth, mineral content, and quality traits of vegetable transplants. <i>Scientia Horticulturae</i> , <b>2021</b> , 290, 110554	4.1	0
75	Pearl Grey Shading Net Boosts the Accumulation of Total Carotenoids and Phenolic Compounds That Accentuate the Antioxidant Activity of Processing Tomato.. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	2
74	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> , <b>2021</b> , 11, 1299	3	1
73	Can Seaweed Extract Improve Yield and Quality of Brewing Barley Subjected to Different Levels of Nitrogen Fertilization?. <i>Agronomy</i> , <b>2021</b> , 11, 2481	3.6	2
72	Sweet Basil Functional Quality as Shaped by Genotype and Macronutrient Concentration Reciprocal Action. <i>Plants</i> , <b>2020</b> , 9,	4.5	9
71	Biochemical, Physiological, and Productive Response of Greenhouse Vegetables to Suboptimal Growth Environment Induced by Insect Nets. <i>Biology</i> , <b>2020</b> , 9,	4.9	8
70	A Microbial-Based Biostimulant Enhances Sweet Pepper Performance by Metabolic Reprogramming of Phytohormone Profile and Secondary Metabolism. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 567388	6.2	14
69	Mars Regolith Simulant Ameliorated by Compost as in situ Cultivation Substrate Improves Lettuce Growth and Nutritional Aspects. <i>Plants</i> , <b>2020</b> , 9,	4.5	9
68	Metabolomic Responses of Maize Shoots and Roots Elicited by Combinatorial Seed Treatments With Microbial and Non-microbial Biostimulants. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 664	5.7	31
67	(L.) DC. Yield and Quality as Influenced by Cropping Season, Protein Hydrolysates, and Applications. <i>Plants</i> , <b>2020</b> , 9,	4.5	11
66	Nitrogen Use and Uptake Efficiency and Crop Performance of Baby Spinach ( <i>Spinacia oleracea</i> L.) and Lamb Lettuce ( <i>Valerianella locusta</i> L.) Grown under Variable Sub-Optimal N Regimes Combined with Plant-Based Biostimulant Application. <i>Agronomy</i> , <b>2020</b> , 10, 278	3.6	29

65	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> , <b>2020</b> , 10, 427	3.6	15
64	Selenium Biofortification Impacts the Nutritive Value, Polyphenolic Content, and Bioactive Constitution of Variable Microgreens Genotypes. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	33
63	Successive Harvests Affect Yield, Quality and Metabolic Profile of Sweet Basil ( <i>Ocimum basilicum</i> L.). <i>Agronomy</i> , <b>2020</b> , 10, 830	3.6	20
62	Application of , 6-pentyl- $\gamma$ -pyrone and Plant Biopolymer Formulations Modulate Plant Metabolism and Fruit Quality of Plum Tomatoes. <i>Plants</i> , <b>2020</b> , 9,	4.5	23
61	Combining Molecular Weight Fractionation and Metabolomics to Elucidate the Bioactivity of Vegetal Protein Hydrolysates in Tomato Plants. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 976	6.2	15
60	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> , <b>2020</b> , 720, 137543	10.2	6
59	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> , <b>2020</b> , 10, 196	3.6	35
58	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> , <b>2020</b> , 29, 105135	1.2	4
57	Protein hydrolysates modulate leaf proteome and metabolome in water-stressed grapevines. <i>Scientia Horticulturae</i> , <b>2020</b> , 270, 109413	4.1	4
56	Interactions between phenolic compounds, amylolytic enzymes and starch: an updated overview. <i>Current Opinion in Food Science</i> , <b>2020</b> , 31, 102-113	9.8	37
55	Nutritional stress suppresses nitrate content and positively impacts ascorbic acid concentration and phenolic acids profile of lettuce microgreens. <i>Italus Hortus</i> , <b>2020</b> , 27, 41-52	4	11
54	Improved Porosity of Insect Proof Screens Enhances Quality Aspects of Zucchini Squash without Compromising the Yield. <i>Plants</i> , <b>2020</b> , 9,	4.5	6
53	Understanding the Morpho-Anatomical, Physiological, and Functional Response of Sweet Basil to Isosmotic Nitrate to Chloride Ratios. <i>Biology</i> , <b>2020</b> , 9,	4.9	10
52	Sensory Attributes and Consumer Acceptability of 12 Microgreens Species. <i>Agronomy</i> , <b>2020</b> , 10, 1043	3.6	19
51	Shading Affects Yield, Elemental Composition and Antioxidants of Perennial Wall Rocket Crops Grown from Spring to Summer in Southern Italy. <i>Plants</i> , <b>2020</b> , 9,	4.5	7
50	An Appraisal of Biodegradable Mulch Films with Respect to Strawberry Crop Performance and Fruit Quality. <i>Horticulturae</i> , <b>2020</b> , 6, 48	2.5	3
49	Stand-Alone and Combinatorial Effects of Plant-based Biostimulants on the Production and Leaf Quality of Perennial Wall Rocket. <i>Plants</i> , <b>2020</b> , 9,	4.5	13
48	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> , <b>2020</b> , 21,	6.3	13

47	Trichoderma spp. and Mulching Films Differentially Boost Qualitative and Quantitative Aspects of Greenhouse Lettuce under Diverse N Conditions. <i>Horticulturae</i> , <b>2020</b> , 6, 55	2.5	4
46	The Strength of the Nutrient Solution Modulates the Functional Profile of Hydroponically Grown Lettuce in a Genotype-Dependent Manner. <i>Foods</i> , <b>2020</b> , 9,	4.9	13
45	Dataset on the Effects of Different Pre-Harvest Factors on the Metabolomics Profile of Lettuce ( <i>Lactuca sativa</i> L.) Leaves. <i>Data</i> , <b>2020</b> , 5, 119	2.3	1
44	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> , <b>2020</b> , 309, 125713	8.5	26
43	Extending the concept of terroir from grapes to other agricultural commodities: an overview. <i>Current Opinion in Food Science</i> , <b>2020</b> , 31, 88-95	9.8	14
42	Phenolic Constitution, Phytochemical and Macronutrient Content in Three Species of Microgreens as Modulated by Natural Fiber and Synthetic Substrates. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	28
41	Variation in Macronutrient Content, Phytochemical Constitution and Antioxidant Capacity of Green and Red Butterhead Lettuce Dictated by Different Developmental Stages of Harvest Maturity. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	21
40	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> , <b>2020</b> , 21,	6.3	14
39	Morphological and Physiological Responses Induced by Protein Hydrolysate-Based Biostimulant and Nitrogen Rates in Greenhouse Spinach. <i>Agronomy</i> , <b>2019</b> , 9, 450	3.6	41
38	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> , <b>2019</b> , 10, 47	6.2	56
37	Morpho-physiological and homeostatic adaptive responses triggered by omeprazole enhance lettuce tolerance to salt stress. <i>Scientia Horticulturae</i> , <b>2019</b> , 249, 22-30	4.1	14
36	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> , <b>2019</b> , 9, 249	3.6	33
35	Iron Biofortification of Red and Green Pigmented Lettuce in Closed Soilless Cultivation Impacts Crop Performance and Modulates Mineral and Bioactive Composition. <i>Agronomy</i> , <b>2019</b> , 9, 290	3.6	22
34	Sensory and functional quality characterization of protected designation of origin 'Piennolo del Vesuvio' cherry tomato landraces from Campania-Italy. <i>Food Chemistry</i> , <b>2019</b> , 292, 166-175	8.5	28
33	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> , <b>2019</b> , 10, 493	6.2	45
32	Metabolomic responses triggered by arbuscular mycorrhiza enhance tolerance to water stress in wheat cultivars. <i>Plant Physiology and Biochemistry</i> , <b>2019</b> , 137, 203-212	5.4	55
31	Gluten-free flours from cereals, pseudocereals and legumes: Phenolic fingerprints and in vitro antioxidant properties. <i>Food Chemistry</i> , <b>2019</b> , 271, 157-164	8.5	47
30	Macronutrient deprivation eustress elicits differential secondary metabolites in red and green-pigmented butterhead lettuce grown in a closed soilless system. <i>Journal of the Science of Food and Agriculture</i> , <b>2019</b> , 99, 6962-6972	4.3	37



29	Omeprazole Promotes Chloride Exclusion and Induces Salt Tolerance in Greenhouse Basil. <i>Agronomy</i> , <b>2019</b> , 9, 355	3.6	11
28	Protein Hydrolysate or Plant Extract-based Biostimulants Enhanced Yield and Quality Performances of Greenhouse Perennial Wall Rocket Grown in Different Seasons. <i>Plants</i> , <b>2019</b> , 8,	4.5	37
27	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> , <b>2019</b> , 9,	3	19
26	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> , <b>2019</b> , 10, 1495	6.2	24
25	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> , <b>2019</b> , 10, 1305	6.2	16
24	Plant-Based Biostimulants Influence the Agronomical, Physiological, and Qualitative Responses of Baby Rocket Leaves under Diverse Nitrogen Conditions. <i>Plants</i> , <b>2019</b> , 8,	4.5	48
23	Hydroponically Grown Scop.: Effects of Cut and Storage on Fresh-Cut Produce. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	8
22	Genotype-Specific Modulatory Effects of Select Spectral Bandwidths on the Nutritive and Phytochemical Composition of Microgreens. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1501	6.2	30
21	Inoculation of <i>Rhizoglossum irregulare</i> or <i>Trichoderma atroviride</i> differentially modulates metabolite profiling of wheat root exudates. <i>Phytochemistry</i> , <b>2019</b> , 157, 158-167	4	48
20	Functional quality in novel food sources: Genotypic variation in the nutritive and phytochemical composition of thirteen microgreens species. <i>Food Chemistry</i> , <b>2019</b> , 277, 107-118	8.5	72
19	Physiological and Metabolic Responses Triggered by Omeprazole Improve Tomato Plant Tolerance to NaCl Stress. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 249	6.2	47
18	A Vegetal Biopolymer-Based Biostimulant Promoted Root Growth in Melon While Triggering Brassinosteroids and Stress-Related Compounds. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 472	6.2	62
17	Bioaccessibility of phenolic compounds following in vitro large intestine fermentation of nuts for human consumption. <i>Food Chemistry</i> , <b>2018</b> , 245, 633-640	8.5	43
16	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> , <b>2017</b> , 226, 353-360	4.1	135
15	Profile of bioactive secondary metabolites and antioxidant capacity of leaf exudates from eighteen Aloe species. <i>Industrial Crops and Products</i> , <b>2017</b> , 108, 44-51	5.9	33
14	Phenolic Compounds and Sesquiterpene Lactones Profile in Leaves of Nineteen Artichoke Cultivars. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 8540-8548	5.7	51
13	Botanical and biological pesticides elicit a similar Induced Systemic Response in tomato ( <i>Solanum lycopersicum</i> ) secondary metabolism. <i>Phytochemistry</i> , <b>2016</b> , 130, 56-63	4	49
12	Zinc Excess Triggered Polyamines Accumulation in Lettuce Root Metabolome, As Compared to Osmotic Stress under High Salinity. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 842	6.2	50

11	Mild Potassium Chloride Stress Alters the Mineral Composition, Hormone Network, and Phenolic Profile in Artichoke Leaves. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 948	6.2	52
10	Changes in Biomass, Mineral Composition, and Quality of Cardoon in Response to [Formula: see text]:Cl(-) Ratio and Nitrate Deprivation from the Nutrient Solution. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 978	6.2	40
9	Protein hydrolysates as biostimulants in horticulture. <i>Scientia Horticulturae</i> , <b>2015</b> , 196, 28-38	4.1	256
8	The effect of a plant-derived biostimulant on metabolic profiling and crop performance of lettuce grown under saline conditions. <i>Scientia Horticulturae</i> , <b>2015</b> , 182, 124-133	4.1	187
7	Co-inoculation of Glomus intraradices and Trichoderma atroviride acts as a biostimulant to promote growth, yield and nutrient uptake of vegetable crops. <i>Journal of the Science of Food and Agriculture</i> , <b>2015</b> , 95, 1706-15	4.3	144
6	Insight into the role of grafting and arbuscular mycorrhiza on cadmium stress tolerance in tomato. <i>Frontiers in Plant Science</i> , <b>2015</b> , 6, 477	6.2	80
5	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> , <b>2014</b> , 49, 1523-1528	2.4	7
4	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> , <b>2013</b> , 93, 1119-27	4.3	81
3	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> , <b>2012</b> , 47, 1424-1429	2.4	37
2	The potential of greenhouse diffusing cover material on yield and nutritive values of lamb lettuce grown under diverse nitrogen regimes. <i>Italus Hortus</i> , <b>2012</b> , 27, 55-67	4	3
1	Physiological and Biochemical Effects of an Aqueous Extract of Lemna minor L. as a Potential Biostimulant for Maize. <i>Journal of Plant Growth Regulation</i> , <b>2011</b> , 30, 1-10	4.7	3