

Biostimulants research in some horticultural plant species

Food and Energy Security

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Biostimulants and Microorganisms Boost the Nutritional Composition of Buckwheat ( <i>Fagopyrum</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.3	18
2	Application of a Plant Biostimulant To Improve Maize ( <i>Zea mays</i> ) Tolerance to Metolachlor. Journal of Agricultural and Food Chemistry, 2019, 67, 12164-12171.	2.4	37
3	Effects of Gellan Oligosaccharide and NaCl Stress on Growth, Photosynthetic Pigments, Mineral Composition, Antioxidant Capacity and Antimicrobial Activity in Red Perilla. Molecules, 2019, 24, 3925.	1.7	16
4	The Effects of Biostimulants, Biofertilizers and Water-Stress on Nutritional Value and Chemical Composition of Two Spinach Genotypes ( <i>Spinacia oleracea</i> L.). Molecules, 2019, 24, 4494.	1.7	35
5	Application of Biostimulants Containing Amino Acids to Tomatoes Could Favor Sustainable Cultivation: Implications for Tyrosine, Lysine, and Methionine. Sustainability, 2020, 12, 9729.	1.6	23
6	Physiological, Ecological, and Biochemical Implications in Tomato Plants of Two Plant Biostimulants: Arbuscular Mycorrhizal Fungi and Seaweed Extract. Frontiers in Plant Science, 2020, 11, 999.	1.7	52
7	Effects of <i>Arthrospira platensis</i> Extract on Physiology and Berry Traits in <i>Vitis vinifera</i> . Plants, 2020, 9, 1805.	1.6	8
8	Osmo-Priming with Seaweed Extracts Enhances Yield of Salt-Stressed Tomato Plants. Agronomy, 2020, 10, 1559.	1.3	27
9	Mitigation of salinity stress effects on growth, yield and nutrient uptake of wheat by application of organic extracts. Communications in Soil Science and Plant Analysis, 2020, 51, 1150-1160.	0.6	14
10	Effect of Microalgal Extracts from <i>Chlorella vulgaris</i> and <i>Scenedesmus quadricauda</i> on Germination of <i>Beta vulgaris</i> Seeds. Plants, 2020, 9, 675.	1.6	26
11	Fish By-Product Use as Biostimulants: An Overview of the Current State of the Art, Including Relevant Legislation and Regulations within the EU and USA. Molecules, 2020, 25, 1122.	1.7	59
12	Effects of Depolymerized Gellan with Different Molecular Weights on the Growth of Four Bedding Plant Species. Agronomy, 2020, 10, 169.	1.3	3
13	Quantitative Proteomics of Maize Roots Treated with a Protein Hydrolysate: A Comparative Study with Transcriptomics Highlights the Molecular Mechanisms Responsive to Biostimulants. Journal of Agricultural and Food Chemistry, 2020, 68, 7541-7553.	2.4	33
14	Comparison of Biostimulant Treatments in <i>Acmella oleracea</i> Cultivation for Alkylamides Production. Plants, 2020, 9, 818.	1.6	9
15	Plant Biostimulant Effects of Baker's™ Yeast Vinasse and Selenium on Tomatoes through Foliar Fertilization. Agronomy, 2020, 10, 133.	1.3	11
16	Extracts of the Brown Alga <i>Dictyota dichotoma</i> (Hudson) J.V. Lamouroux Alleviate Salt Stress in Rice ( <i>Oryza sativa</i> L.) During Germination. Journal of Plant Growth Regulation, 2021, 40, 986-999.	2.8	7
17	Hormesis in plants: Physiological and biochemical responses. Ecotoxicology and Environmental Safety, 2021, 207, 111225.	2.9	120
18	Linking abiotic stress, plant metabolites, biostimulants and functional food. Annals of Applied Biology, 2021, 178, 169-191.	1.3	77

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19	Potential of seaweed extracts and humate-containing biostimulants in mitigating abiotic stress in plants. , 2021, , 297-332.		3
20	Integrating biostimulants in agrosystem to promote soil health and plant growth. , 2021, , 87-108.		0
21	Categories of various plant biostimulants “ mode of application and shelf-life. , 2021, , 1-60.		6
22	Biostimulants and Plant Response Under Adverse Environmental Conditions: A Functional Interplay. , 2021, , 417-436.		0
23	Increasing the Efficiency of Supplemental Foliar Nutrition on Improving Reproductive Disorders of Pistachio by Application of Plant Growth Regulators. Journal of Plant Growth Regulation, 0, , 1.	2.8	3
24	Biostimulant Properties of Seaweed Extracts in Plants: Implications towards Sustainable Crop Production. Plants, 2021, 10, 531.	1.6	163
25	Production of pepper and industrial tomato seedlings fertilized with biostimulants. Research, Society and Development, 2021, 10, e19910411197.	0.0	0
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28	Sustainable Agriculture Systems in Vegetable Production Using Chitin and Chitosan as Plant Biostimulants. Biomolecules, 2021, 11, 819.	1.8	88
29	Effects of application of plant growth promoters, biological control agents and microbial soil additives on photosynthetic efficiency, canopy vegetation indices and yield of common buckwheat ( <i>Fagopyrum esculentum</i> Moench). Biological Agriculture and Horticulture, 2021, 37, 234-251.	0.5	9
30	Impact of Commercial Seaweed Liquid Extract (TAMÂ®) Biostimulant and Its Bioactive Molecules on Growth and Antioxidant Activities of Hot Pepper ( <i>Capsicum annuum</i> ). Plants, 2021, 10, 1045.	1.6	57
31	Raw and Fermented Alfalfa Brown Juice Induces Changes in the Germination and Development of French Marigold ( <i>Tagetes patula</i> L.) Plants. Plants, 2021, 10, 1076.	1.6	5
32	Systematic Investigation of the Effects of Seven Plant Extracts on the Physiological Parameters, Yield, and Nutritional Quality of Radish ( <i>Raphanus sativus</i> var. <i>sativus</i> ). Frontiers in Plant Science, 2021, 12, 651152.	1.7	12
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34	Plant extracts - importance in sustainable agriculture. Italian Journal of Agronomy, 2021, 16, .	0.4	20
35	Identification of a Biostimulating Potential of an Organic Biomaterial Based on the Botanical Extract from <i>Arctium lappa</i> L. Roots. Materials, 2021, 14, 4920.	1.3	6
36	Use of a Biostimulant to Mitigate Salt Stress in Maize Plants. Agronomy, 2021, 11, 1755.	1.3	12

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38	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.	2.8	12
39	Physiological, Nutritional and Metabolomic Responses of Tomato Plants After the Foliar Application of Amino Acids Aspartic Acid, Glutamic Acid and Alanine. <i>Frontiers in Plant Science</i> , 2020, 11, 581234.	1.7	38
40	A novel plant extract as a biostimulant to recover strawberry plants from iron chlorosis. <i>Journal of Plant Nutrition</i> , 2020, 43, 2054-2066.	0.9	10
41	The Impact of Organic Fertilizer Produced with Vegetable Residues in Lettuce ( <i>Lactuca sativa</i> L.) Cultivation and Antioxidant Activity. <i>Sustainability</i> , 2021, 13, 128.	1.6	6
42	Effect of Foliar Supplied PGRs on Flower Growth and Antioxidant Activity of African Marigold ( <i>Tagetes erecta</i> L.). <i>Horticulturae</i> , 2021, 7, 378.	1.2	5
43	Variation of soil microbial carbon use efficiency (CUE) and its Influence mechanism in the context of global environmental change: a review. <i>PeerJ</i> , 2021, 9, e12131.	0.9	21
44	The Influence of Biostimulants on Tomato Plants Cultivated under Hydroponic Systems. <i>Journal of Horticultural Research</i> , 2021, 29, 107-116.	0.4	7
45	Role of microorganism as new generation plant bio-stimulants: An assessment. , 2022, , 1-16.		1
46	Biological control of <i>Meloidogyne</i> spp. in glasshouse-grown chrysanthemum. <i>Journal of Nematology</i> , 2020, 52, 1-12.	0.4	2
47	Biostimulative effect of amino acids and green algae extract on capsaicinoid and other metabolite contents in fruits of <i>Capsicum</i> spp.. <i>Chemical and Biological Technologies in Agriculture</i> , 2021, 8, .	1.9	15
48	Onion drought tolerance enhancement in calcareous soils based on using bio-stimulants. <i>Environment Biodiversity and Soil Security</i> , 2020, .	0.1	0
49	One Plant-Based Biostimulant Stimulates Good Performances of Tomato Plants Grown in Open Field. <i>Biology and Life Sciences Forum</i> , 2021, 3, .	0.6	0
50	Selenium uptake by rocket plants ( <i>Eruca sativa</i> ) grown in a calcareous soil as affected by Se species, Se rate and a seaweed extract-based biostimulant application. <i>Crop and Pasture Science</i> , 2022, 73, 850-861.	0.7	7
51	Transcriptional and Physiological Analyses to Assess the Effects of a Novel Biostimulant in Tomato. <i>Frontiers in Plant Science</i> , 2021, 12, 781993.	1.7	9
52	The Role of Biostimulants as Alleviators of Biotic and Abiotic Stresses in Grapevine: A Review. <i>Plants</i> , 2022, 11, 396.	1.6	35
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55	Using Biostimulants Containing Phytohormones to Recover Hail-Damaged Essential Oil Plants. , 0, , .		0

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57	Growth and nutrient status of French marigold ( <i>Tagetes patula</i> L.) under biostimulant application. <i>New Zealand Journal of Crop and Horticultural Science</i> , 0, , 1-11.	0.7	1
58	Effect of Seaweed Extracts on Ornamental Plants: Article Review. <i>Current Agriculture Research Journal</i> , 2021, 9, 149-160.	0.3	2
63	Effects of Biostimulants in Horticulture, with Emphasis on Ornamental Plant Production. <i>Agronomy</i> , 2022, 12, 1043.	1.3	17
64	Improving the growth, P uptake and quality characteristics of "Lollo Rosso" lettuce in the nutrient solution by <i>Bacillus subtilis</i> in different phosphorus concentrations. <i>Journal of Plant Nutrition</i> , 2023, 46, 971-983.	0.9	3
65	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
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69	Seaweed Extracts as Substitutes of Synthetic Hormones for Rooting Promotion in Rose Cuttings. <i>Horticulturae</i> , 2022, 8, 561.	1.2	7
70	Effect of Fulvic Acid on Plant Hormone Content of Hydroponic Leaf Lettuce. <i>Horticultural Research (Japan)</i> , 2022, 21, 213-218.	0.1	0
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74	The Effects of Biostimulant Application on Growth Parameters of Lettuce Plants Grown under Deficit Irrigation Conditions. , 0, , .		3
75	Use of Biostimulants as a New Approach for the Improvement of Phytoremediation Performance" A Review. <i>Plants</i> , 2022, 11, 1946.	1.6	28
76	Alleviating Drought Stress in Brassica juncea (L.) Czern & Coss. by Foliar Application of Biostimulants" Orthosilicic Acid and Seaweed Extract. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 693-721.	1.4	5
77	Plant Biostimulants in Organic Horticulture: A Review. <i>Journal of Plant Growth Regulation</i> , 0, , .	2.8	3
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82	Mugwort ( <i>Artemisia vulgaris</i> L.) Aqueous Extract: Hormesis and Biostimulant Activity for Seed Germination and Seedling Growth in Vegetable Crops. <i>Agriculture (Switzerland)</i> , 2022, 12, 1329.	1.4	7
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84	Phyostimulation and Synergistic Antipathogenic Effect of <i>Tagetes erecta</i> Extract in Presence of Rhizobacteria. <i>Horticulturae</i> , 2022, 8, 779.	1.2	2
85	Biostimulants: An Alternative to Chemical Pesticides for Crop Protection. , 2022, , 139-158.		1
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87	Diversity and Functions of Biostimulants in Crop Plants. , 2022, , 21-35.		0
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98	Impact of Climate Change on Water Status: Challenges and Emerging Solutions. <i>Advances in Science, Technology and Innovation</i> , 2023, , 3-20.	0.2	1

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