

CITATION REPORT

List of articles citing

Plant growth promoting bacteria and humic substances: crop promotion and mechanisms of action

DOI: 10.1186/s40538-017-0112-x

Chemical and Biological Technologies in Agriculture, 2017, 4, .

Source: <https://exaly.com/paper-pdf/67842191/citation-report.pdf>

Version: 2024-04-10

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
71	Fertigation: Nutrition, Stimulation and Bioprotection of the Root in High Performance. <i>Plants</i> , 2018 , 7,	4.5	8
70	Metabolite fingerprints of maize and sugarcane seedlings: searching for markers after inoculation with plant growth-promoting bacteria in humic acids. <i>Chemical and Biological Technologies in Agriculture</i> , 2019 , 6,	4.4	11
69	Humic acids increase the maize seedlings exudation yield. <i>Chemical and Biological Technologies in Agriculture</i> , 2019 , 6,	4.4	14
68	Integrated Use of Humic Acid and Plant Growth Promoting Rhizobacteria to Ensure Higher Potato Productivity in Sustainable Agriculture. <i>Sustainability</i> , 2019 , 11, 3417	3.6	28
67	Phosphorus Microbial Solubilization as a Key for Phosphorus Recycling in Agriculture. 2019 ,		1
66	Humic acids and <i>Herbaspirillum seropedicae</i> change the extracellular H ⁺ flux and gene expression in maize roots seedlings. <i>Chemical and Biological Technologies in Agriculture</i> , 2019 , 6,	4.4	8
65	Effect of humic preparation on winter wheat productivity and rhizosphere microbial community under herbicide-induced stress. <i>Journal of Soils and Sediments</i> , 2019 , 19, 2665-2675	3.4	25
64	Mitigation of Cadmium Stress in Cereals: Molecular Signaling and Agronomic Aspects. 2019 , 401-422		1
63	Rhizosphere microbial biomass is affected by soil type, organic and water inputs in a bell pepper system. <i>Applied Soil Ecology</i> , 2019 , 138, 80-87	5	15
62	Effect of Plant Growth-Promoting Rhizobacteria on <i>Salicornia ramosissima</i> Seed Germination under Salinity, CO ₂ and Temperature Stress. <i>Agronomy</i> , 2019 , 9, 655	3.6	19
61	Inoculation with the endophytic bacterium <i>Herbaspirillum seropedicae</i> promotes growth, nutrient uptake and photosynthetic efficiency in rice. <i>Planta</i> , 2020 , 252, 87	4.7	5
60	<i>Herbaspirillum</i> . 2020 , 493-508		2
59	Humic Acid Enhances the Growth of Tomato Promoted by Endophytic Bacterial Strains Through the Activation of Hormone-, Growth-, and Transcription-Related Processes. <i>Frontiers in Plant Science</i> , 2020 , 11, 582267	6.2	10
58	Plant chemical priming by humic acids. <i>Chemical and Biological Technologies in Agriculture</i> , 2020 , 7,	4.4	27
57	Interaction between Humic Substances and Plant Hormones for Phosphorous Acquisition. <i>Agronomy</i> , 2020 , 10, 640	3.6	20
56	Root exudate supplemented inoculant of <i>Azospirillum brasilense</i> Ab-V5 is more effective in enhancing rhizosphere colonization and growth of maize. <i>Environmental Sustainability</i> , 2020 , 3, 187-197	2.9	3
55	Culturable Bacterial Endophytes From Sedimentary Humic Acid-Treated Plants. <i>Frontiers in Plant Science</i> , 2020 , 11, 837	6.2	8

54	Extending thermotolerance to tomato seedlings by inoculation with SA1 isolate of <i>Bacillus cereus</i> and comparison with exogenous humic acid application. <i>PLoS ONE</i> , 2020 , 15, e0232228	3.7	32
53	From Lab to Field: Role of Humic Substances Under Open-Field and Greenhouse Conditions as Biostimulant and Biocontrol Agent. <i>Frontiers in Plant Science</i> , 2020 , 11, 426	6.2	30
52	Evaluating Biotic Elicitation with Phenylalanine and/or Yeast for Rosemary (<i>Rosmarinus officinalis</i> L.) Sustainable Improvement under Traditional and Organic Agriculture. <i>Agricultural Sciences</i> , 2021 , 12, 273-292	0.4	
51	Plant Probiotics: Technical Challenges and Emerging Solutions for Enhancing Food Crops. <i>Sustainable Development and Biodiversity</i> , 2021 , 379-405	2.1	
50	The development of the radicular and vegetative systems of almond trees with different rootstocks following the application of biostimulants. <i>Spanish Journal of Agricultural Research</i> , 2021 , 18, e0904	1.1	0
49	Insights on Molecular Characteristics of Hydrochars by C-NMR and Off-Line TMAH-GC/MS and Assessment of Their Potential Use as Plant Growth Promoters. <i>Molecules</i> , 2021 , 26,	4.8	2
48	Chemical Structure and Biological Activity of Humic Substances Define Their Role as Plant Growth Promoters. <i>Molecules</i> , 2021 , 26,	4.8	28
47	Selection of plant growth promoting rhizobacteria sharing suitable features to be commercially developed as biostimulant products. <i>Microbiological Research</i> , 2021 , 245, 126672	5.3	16
46	Calcium Phosphate Particles Coated with Humic Substances: A Potential Plant Biostimulant from Circular Economy. <i>Molecules</i> , 2021 , 26,	4.8	4
45	Sustainable Agriculture Systems in Vegetable Production Using Chitin and Chitosan as Plant Biostimulants. <i>Biomolecules</i> , 2021 , 11,	5.9	27
44	Biostimulants Application: A Low Input Cropping Management Tool for Sustainable Farming of Vegetables. <i>Biomolecules</i> , 2021 , 11,	5.9	16
43	Cooperation among phosphate-solubilizing bacteria, humic acids and arbuscular mycorrhizal fungi induces soil microbiome shifts and enhances plant nutrient uptake. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	5
42	Organic Materials and Their Chemically Extracted Humic and Fulvic Acids as Potential Soil Amendments for Faba Bean Cultivation in Soils with Varying CaCO ₃ Contents. <i>Horticulturae</i> , 2021 , 7, 205	2.5	0
41	Plant Growth Promoting Rhizobacteria, Arbuscular Mycorrhizal Fungi and Their Synergistic Interactions to Counteract the Negative Effects of Saline Soil on Agriculture: Key Macromolecules and Mechanisms. <i>Microorganisms</i> , 2021 , 9,	4.9	16
40	Biostimulant Substances for Sustainable Agriculture: Origin, Operating Mechanisms and Effects on Cucurbits, Leafy Greens, and Nightshade Vegetables Species. <i>Biomolecules</i> , 2021 , 11,	5.9	9
39	The Effects of Biostimulants on Induced Plant Defense. <i>Frontiers in Agronomy</i> , 2021 , 3,	4	2
38	Attenuations of bacterial spot disease <i>Xanthomonas euvesicatoria</i> on tomato plants treated with biostimulants. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	2
37	Consortia of Plant-Growth-Promoting Rhizobacteria Isolated from Halophytes Improve Response of Eight Crops to Soil Salinization and Climate Change Conditions. <i>Agronomy</i> , 2021 , 11, 1609	3.6	7

36	K-humate as an agricultural alternative to increase nodulation of soybeans inoculated with Bradyrhizobium. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 36, 102129	4.2	3
35	Brief history of biofertilizers in Brazil: from conventional approaches to new biotechnological solutions. <i>Brazilian Journal of Microbiology</i> , 2021 , 52, 2215-2232	2.2	0
34	Humic acids enrich the plant microbiota with bacterial candidates for the suppression of pathogens. <i>Applied Soil Ecology</i> , 2021 , 168, 104146	5	1
33	Alkamides: a new class of plant growth regulators linked to humic acid bioactivity. <i>Chemical and Biological Technologies in Agriculture</i> , 2019 , 6,	4.4	14
32	Humic acids trigger the weak acids stress response in maize seedlings. <i>Chemical and Biological Technologies in Agriculture</i> , 2020 , 7,	4.4	6
31	Changes in metabolic profiling of sugarcane leaves induced by endophytic diazotrophic bacteria and humic acids. <i>PeerJ</i> , 2018 , 6, e5445	3.1	21
30	Genome sequencing and assessment of plant growth-promoting properties of a <i>Serratia marcescens</i> strain isolated from vermicompost.		1
29	Mutualistic interaction with <i>Trichoderma longibrachiatum</i> UENF-F476 boosted plant growth-promotion of <i>Serratia marcescens</i> UENF-22GI.		
28	Humic Substances in Combination With Plant Growth-Promoting Bacteria as an Alternative for Sustainable Agriculture. <i>Frontiers in Microbiology</i> , 2021 , 12, 719653	5.7	4
27	Mutualistic interaction of native <i>Serratia marcescens</i> UENF-22GI with <i>Trichoderma longibrachiatum</i> UENF-F476 boosting seedling growth of tomato and papaya. <i>World Journal of Microbiology and Biotechnology</i> , 2021 , 37, 211	4.4	1
26	Does the Introduction of N ₂ -Fixing Trees in Forest Plantations on Tropical Soils Ameliorate Low Fertility and Enhance Carbon Sequestration via Interactions Between Biota and Nutrient Availability? Case Studies From Central Africa and South America. <i>Frontiers in Soil Science</i> , 2021 , 1,		1
25	Humic substances and rhizobacteria enhance the yield, physiology and quality of strawberries. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022 , 50, 12578	1.2	
24	The Influence of Different Nitrogen Fertilizer Rates, Urease Inhibitors and Biological Preparations on Maize Grain Yield and Yield Structure Elements. <i>Agronomy</i> , 2022 , 12, 741	3.6	3
23	Data_Sheet_1.FASTA. 2020 ,		
22	Image_1.TIF. 2020 ,		
21	Table_1.XLSX. 2020 ,		
20	Table_2.XLSX. 2020 ,		
19	DataSheet_1.pdf. 2020 ,		

18 Table_1.xlsx. 2020,

17	Effects of Humic Substances on the Growth of <i>Pseudomonas plecoglossicida</i> 2,4-D and Wheat Plants Inoculated with This Strain. <i>Microorganisms</i> , 2022 , 10, 1066	4.9	1
16	The Biological Correction Using Humic Substances, Vermicompost, and <i>Azospirillum</i> as an Optimum Way of Optimizing Plant Production and Enhancing Soil Micronutrients in Arid Regions. <i>Open Agriculture Journal</i> , 2022 , 16,	1.2	1
15	From Soil Amendments to Controlling Autophagy: Supporting Plant Metabolism under Conditions of Water Shortage and Salinity. <i>Plants</i> , 2022 , 11, 1654	4.5	
14	Inoculation of <i>Herbaspirillum seropedicae</i> strain SmR1 increases biomass in maize roots DKB 390 variety in the early stages of plant development. <i>Archives of Microbiology</i> , 2022 , 204,	3	0
13	Use of Organic Materials to Limit the Potential Negative Effect of Nitrogen on Maize in Different Soils. 2022 , 15, 5755		0
12	Combination of humic biostimulants with a microbial inoculum improves lettuce productivity, nutrient uptake, and primary and secondary metabolism.		0
11	Recent Advances in Encapsulation Techniques of Plant Growth-Promoting Microorganisms and Their Prospects in the Sustainable Agriculture. 2022 , 12, 9020		1
10	Application of biostimulant products and biological control agents in sustainable viticulture: A review. 13,		1
9	Challenge of transition: the history of a case study involving tropical fruits polyculture stimulated by humic acids and plant-growth promoting bacteria. 2022 , 9,		0
8	Varying the hydrophobicity of humic matter by a phase-transfer-catalyzed O-alkylation reaction. 2023 , 313, 137599		0
7	Microgranular fertilizer and biostimulants as alternatives to diammonium phosphate fertilizer in maize production on marshland soils in northwest Germany. 2022 , 71, 53-66		0
6	Impacts of humic-based products on the microbial community structure and functions toward sustainable agriculture. 6,		0
5	Biostimulants Using Humic Substances and Plant-Growth-Promoting Bacteria: Effects on Cassava (<i>Manihot esculentus</i>) and Okra (<i>Abelmoschus esculentus</i>) Yield. 2023 , 13, 80		1
4	Oxidative Status of <i>Medicago truncatula</i> Seedlings after Inoculation with Rhizobacteria of the Genus <i>Pseudomonas</i> , <i>Paenibacillus</i> and <i>Sinorhizobium</i> . 2023 , 24, 4781		0
3	Mechanisms and Applications of Bacterial Inoculants in Plant Drought Stress Tolerance. 2023 , 11, 502		1
2	RESEARCH RESULTS ON BIOLOGICAL ACTIVITY OF NEW GEORGIAN PLANT GROWTH BIOSTIMULANTS ? BACTOFERT-L BLATT, BACTOFERT-L BODEN, AND BACTOFERT ?L Si. 2022 ,		0
1	Strategies to Evaluate Microbial Consortia for Mitigating Abiotic Stress in Plants. 2023 , 177-203		0

