## CITATION REPORT List of articles citing

Micronutrients (Zn/Mn), seaweed extracts, and plant growth-promoting bacteria as cold-stress protectants in maize

DOI: 10.1186/s40538-016-0069-1 Chemical and Biological Technologies in Agriculture, 2016, 3, .

**Source:** https://exaly.com/paper-pdf/63462328/citation-report.pdf

Version: 2024-04-20

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
61	The role of biostimulants and bioeffectors as alleviators of abiotic stress in crop plants. <i>Chemical and Biological Technologies in Agriculture</i> , <b>2017</b> , 4,	4.4	297
60	Impact of seaweeds on agricultural crop production as biofertilizer. <i>International Journal of Environmental Science and Technology</i> , <b>2017</b> , 14, 1119-1134	3.3	68
59	Zinc distribution and localization in primed maize seeds and its translocation during early seedling development. <i>Environmental and Experimental Botany</i> , <b>2017</b> , 143, 91-98	5.9	22
58	Plant-Microbe Ecology: Interactions of Plants and Symbiotic Microbial Communities. 2017,		11
57	Seed treatment with Penicillium sp. or Mn/Zn can alleviate the negative effects of cold stress in maize grown in soils dependent on soil fertility. <i>Journal of Agronomy and Crop Science</i> , <b>2018</b> , 204, 603-6	132 <sup>9</sup>	10
56	Silicon Improves Chilling Tolerance During Early Growth of Maize by Effects on Micronutrient Homeostasis and Hormonal Balances. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 420	6.2	50
55	Foliar Application of Micronutrients in Mitigating Abiotic Stress in Crop Plants. <b>2018</b> , 95-117		15
54	Applications of PlantMicrobe Interactions in Agro-Ecosystems. <b>2019</b> , 1-34		2
53	Plant and symbiont metabolic regulation and biostimulants application improve symbiotic performance and cold acclimation. <i>Journal of Plant Nutrition</i> , <b>2019</b> , 42, 2151-2163	2.3	6
52	Maize Inoculation with Microbial Consortia: Contrasting Effects on Rhizosphere Activities, Nutrient Acquisition and Early Growth in Different Soils. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	13
51	Role of silicon in plant stress tolerance: opportunities to achieve a sustainable cropping system. <i>3 Biotech</i> , <b>2019</b> , 9, 73	2.8	83
50	Blocking and re-arrangement of pots in greenhouse experiments: which approach is more effective?. <i>Plant Methods</i> , <b>2019</b> , 15, 143	5.8	6
49	Biostimulants for Plant Growth and Mitigation of Abiotic Stresses: A Metabolomics Perspective. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	39
48	Iron, Zinc, and Copper Application in Overcoming Environmental Stress. 2020, 582-596		1
47	Trends in Seaweed Extract Based Biostimulants: Manufacturing Process and Beneficial Effect on Soil-Plant Systems. <i>Plants</i> , <b>2020</b> , 9,	4.5	74
46	Biostimulant Mode of Action. <b>2020</b> , 205-227		6
45	Biostimulant Mode of Action. <b>2020</b> , 229-243		5

## (2020-2020)

44	Synergisms of Microbial Consortia, N Forms, and Micronutrients Alleviate Oxidative Damage and Stimulate Hormonal Cold Stress Adaptations in Maize. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 396	6.2	10
43	Silicon and Plant Responses Under Adverse Environmental Conditions. <b>2021</b> , 357-385		2
42	Metabolites produced by macro- and microalgae as plant biostimulants. <i>Studies in Natural Products Chemistry</i> , <b>2021</b> , 71, 87-120	1.5	0
41	Biostimulant applications in low-input cultivation systems to enhance nutrition efficiency of crops. <b>2021</b> , 237-262		O
40	Effects of Seaweed Extracts on the Growth, Physiological Activity, Cane Yield and Sucrose Content of Sugarcane in China. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 659130	6.2	8
39	Algae biostimulants: A critical look at microalgal biostimulants for sustainable agricultural practices. <i>Biotechnology Advances</i> , <b>2021</b> , 49, 107754	17.8	18
38	Utilization of seaweed-based biostimulants in improving plant and soil health: current updates and future prospective. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	4
37	Plant Responses to Abiotic Stresses and Rhizobacterial Biostimulants: Metabolomics and Epigenetics Perspectives. <i>Metabolites</i> , <b>2021</b> , 11,	5.6	5
36	Elucidating the role of silicon in drought stress tolerance in plants. <i>Plant Physiology and Biochemistry</i> , <b>2021</b> , 165, 187-195	5.4	10
35	Mineral-Ecological Cropping Systems New Approach to Improve Ecosystem Services by Farming without Chemical Synthetic Plant Protection. <i>Agronomy</i> , <b>2021</b> , 11, 1710	3.6	5
34	Biostimulants for the Regulation of Reactive Oxygen Species Metabolism in Plants under Abiotic Stress. <i>Cells</i> , <b>2021</b> , 10,	7.9	11
33	Effects of heat stress and seaweed-derived biostimulants on the germination of Comanthera mucugensis, an endemic plant of fire-prone Campos rupestres of Chapada Diamantina (Brazil). South African Journal of Botany, <b>2021</b> , 141, 49-53	2.9	1
32	Recent advances in micronutrient foliar spray for enhancing crop productivity and managing abiotic stress tolerance. <b>2022</b> , 377-398		0
31	The importance of beneficial and essential trace and ultratrace elements in plant nutrition, growth, and stress tolerance. <b>2022</b> , 27-46		1
30	Silicon: A Plant Nutritional Non-EntityFor Mitigating Abiotic Stresses. <b>2020</b> , 17-49		3
29	Microbe assisted plant stress management. <b>2020</b> , 351-378		2
28	Prospects of alleviating early planting-associated cold susceptibility of soybean using microbes: New insights from microbiome analysis. <i>Journal of Agronomy and Crop Science</i> , <b>2021</b> , 207, 171-185	3.9	3
27	Evaluation of sulfur and foliar application of Zn and Fe on yield and biochemical factors of cumin (Cuminum cyminum L.) under irrigation regimes. <i>Journal of HerbMed Pharmacology</i> , <b>2020</b> , 9, 161-170	1.4	3

26	Ekim Bcesi tohumlara Zn ile B uygulama ve tohum kaplaman buBayda Imlenme ve fide geliImine etkileri. <i>Anadolu Journal of Agricultural Sciences</i> , 259-267	0.2	
25	Use of Biostimulants in Conferring Tolerance to Environmental Stress. <b>2020</b> , 231-244		
24	Seaweed and Associated Products: Natural Biostimulant for Improvement of Plant Health. <b>2021</b> , 317-3	30	2
23	Recent Advances in Plant-Microbe Interaction. <b>2020</b> , 23-49		1
22	Exogenous application of silicon improves the performance of wheat under terminal heat stress by triggering physio-biochemical mechanisms. <i>Scientific Reports</i> , <b>2021</b> , 11, 23170	4.9	5
21	Prospects for Abiotic Stress Tolerance in Crops Utilizing Phyto- and Bio-Stimulants. <i>Frontiers in Sustainable Food Systems</i> , <b>2021</b> , 5,	4.8	1
20	Role of Rhizosphere and Endophytic Microbes in Alleviation of Biotic and Abiotic Stress in Plants. <b>2021</b> , 195-235		0
19	Exploring the biostimulants in plant science. <b>2022</b> , 1-25		
18	Plant bio-stimulants, their functions and use in enhancing stress tolerance in oilseeds. <b>2022</b> , 239-259		
17	Effect of Low-Temperature Stress on Germination, Growth, and Phenology of Plants: A Review. <b>2022</b> , 1-106		O
16	Harnessing Synergistic Biostimulatory Processes: A Plausible Approach for Enhanced Crop Growth and Resilience in Organic Farming <i>Biology</i> , <b>2021</b> , 11,	4.9	5
15	Directions for future research to use silicon and silicon nanoparticles to increase crops tolerance to stresses and improve their quality. <b>2022</b> , 349-367		
14	Manipulation of silicon metabolism in plants for stress tolerance. <b>2022</b> , 339-348		
13	Silicon- and nanosilicon-mediated disease resistance in crop plants. <b>2022</b> , 193-205		
12	Data_Sheet_1.docx. 2018,		
11	Data_Sheet_1.docx. <b>2020</b> ,		
10	A cold-active cellulase produced from Exiguobacterium sibiricum K1 for the valorization of agro-residual resources. <i>Biomass Conversion and Biorefinery</i> ,	2.3	0
9	The Multifarious Endophytic Actinobacterial Isolate, Streptomyces tubercidicus UAE1, Combined With the Seaweed Biostimulant Further Promotes Growth of Avicennia marina. <i>Frontiers in Marine Science</i> , 9,	4.5	O

## CITATION REPORT

8	Green Agriculture: a Review of the Application of Micro- and Macroalgae and Their Impact on Crop Production on Soil Quality.	1
7	Effects of Silicon and Organic Manure on Growth, Fruit Yield, and Quality of Grape Tomato Under Water-Deficit Stress.	1
6	Cereals and Organic Fertilizers Under Abiotic Stress. <b>2022</b> , 275-289	0
5	Comparative morphological, physiological and molecular analyses of drought-stressed strawberry plants affected by SiO2 and SiO2-NPs foliar spray. <b>2023</b> , 309, 111686	1
4	Relationship between mineral nutrition, plant diseases, and pests. 2023, 445-476	O
3	Relationship between mineral nutrition, plant diseases, and pests. <b>2023</b> , 445-476  Potential use of Sargassum muticum as source of plant biostimulants after three different drying methods. <b>2023</b> , 35, 921-933	0
	Potential use of Sargassum muticum as source of plant biostimulants after three different drying	