

# Shamsul Hayat

## List of Publications by Year in descending order

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135  
papers

11,523  
citations

50566

48  
h-index

35168

102  
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166  
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166  
docs citations

166  
times ranked

9785  
citing authors

#	ARTICLE	IF	CITATIONS
1	Moringa oleifera Extract as a Natural Plant Biostimulant. Journal of Plant Growth Regulation, 2023, 42, 1291-1306.	2.8	22
2	Crosstalk Between Brassinosteroids and Nitric Oxide Regulates Plant Improvement During Abiotic Stress. , 2022, , 47-58.		1
3	Foliar Application of Copper Oxide Nanoparticles Increases the Photosynthetic Efficiency and Antioxidant Activity in Brassica juncea. Journal of Food Quality, 2022, 2022, 1-10.	1.4	14
4	Specific Roles of Lipoxygenases in Development and Responses to Stress in Plants. Plants, 2022, 11, 979.	1.6	51
5	Role of Micronutrients in Providing Abiotic Stress Tolerance. , 2022, , 115-136.		6
6	Transition Metal Homeostasis and Its Role in Plant Growth and Development. , 2022, , 159-178.		3
7	Zinc as a Versatile Element in Plants: An Overview on Its Uptake, Translocation, Assimilatory Roles, Deficiency and Toxicity Symptoms. , 2022, , 137-158.		2
8	Effects, uptake and translocation of iron (Fe) based nanoparticles in plants. , 2022, , 193-209.		3
9	Auxin regulates growth, photosynthetic efficiency and mitigates copper induced toxicity via modulation of nutrient status, sugar metabolism and antioxidant potential in Brassica juncea. Plant Physiology and Biochemistry, 2022, 185, 244-259.	2.8	14
10	Nitric Oxide-Mediated Enhancement in Photosynthetic Efficiency, Ion Uptake and Carbohydrate Metabolism that Boosts Overall Photosynthetic Machinery in Mustard Plants. Journal of Plant Growth Regulation, 2021, 40, 1088-1110.	2.8	14
11	Role of Zinc Oxide Nanoparticles in Countering Negative Effects Generated by Cadmium in Lycopersicon esculentum. Journal of Plant Growth Regulation, 2021, 40, 101-115.	2.8	82
12	Hydrogen sulfide: A versatile gaseous molecule in plants. Plant Physiology and Biochemistry, 2021, 158, 372-384.	2.8	62
13	Glucose escalates PSII activity, dynamics between anabolic and catabolic pathways, redox and elemental status to promote the growth of Brassica juncea. South African Journal of Botany, 2021, 137, 68-84.	1.2	3
14	Jasmonate: A Versatile Messenger in Plants. Signaling and Communication in Plants, 2021, , 129-158.	0.5	1
15	24-epibrassinolide in association with iron enhances the photosynthetic efficiency and upregulates the antioxidant system of the Brassica juncea. Acta Physiologiae Plantarum, 2021, 43, 1.	1.0	1
16	Zinc oxide nanoparticles and epibrassinolide enhanced growth of tomato via modulating antioxidant activity and photosynthetic performance. Biocell, 2021, 45, 1081-1093.	0.4	5
17	Glucose-induced response on photosynthetic efficiency, ROS homeostasis, and antioxidative defense system in maintaining carbohydrate and ion metabolism in Indian mustard (Brassica juncea L.) under salt-mediated oxidative stress. Protoplasma, 2021, 258, 601-620.	1.0	9
18	Nitric Oxide Mitigates the Salt-Induced Oxidative Damage in Mustard by UpRegulating the Activity of Various Enzymes. Journal of Plant Growth Regulation, 2021, 40, 2409-2432.	2.8	18

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19	Glucose modulates copper induced changes in photosynthesis, ion uptake, antioxidants and proline in <i>Cucumis sativus</i> plants. <i>Carbohydrate Research</i> , 2021, 501, 108271.	1.1	20
20	Copper: uptake, toxicity and tolerance in plants and management of Cu-contaminated soil. <i>BioMetals</i> , 2021, 34, 737-759.	1.8	118
21	Editorial: An Update on Brassinosteroids: Homeostasis, Crosstalk, and Adaptation to Environmental Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 673587.	1.7	2
22	Nanoparticles enhances the salinity toxicity tolerance in <i>Linum usitatissimum</i> L. by modulating the antioxidative enzymes, photosynthetic efficiency, redox status and cellular damage. <i>Ecotoxicology and Environmental Safety</i> , 2021, 213, 112020.	2.9	52
23	Nitric Oxide Alleviates Zinc Oxide Nanoparticles-Induced Phytotoxicity in <i>Brassica juncea</i> . <i>Russian Journal of Plant Physiology</i> , 2021, 68, 559-568.	0.5	2
24	Phytocannabinoids Biosynthesis in Angiosperms, Fungi, and Liverworts and Their Versatile Role. <i>Plants</i> , 2021, 10, 1307.	1.6	11
25	Zinc Oxide Nanoparticles to Fight the COVID-19. <i>Acta Scientific Agriculture</i> , 2021, 5, 14-16.	0.2	1
26	Silicon mediated abiotic stress tolerance in plants using physio-biochemical, omic approach and cross-talk with phytohormones. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 278-289.	2.8	34
27	Effect of Different Levels of Soil Applied Copper on the Morpho-physiological, Photochemical, and Antioxidant System of <i>Brassica juncea</i> . <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 3477-3492.	1.7	10
28	The role of quercetin in plants. <i>Plant Physiology and Biochemistry</i> , 2021, 166, 10-19.	2.8	181
29	Interplay Between Salicylates and Jasmonates Under Stress. , 2021, , 153-173.		1
30	Role of Chitosan Nanoparticles in Regulation of Plant Physiology Under Abiotic Stress. <i>Sustainable Agriculture Reviews</i> , 2021, , 399-413.	0.6	3
31	Zinc Oxide Nanoparticles Help to Enhance Plant Growth and Alleviate Abiotic Stress: A Review. <i>Current Protein and Peptide Science</i> , 2021, 22, 362-375.	0.7	14
32	Effective use of zinc oxide nanoparticles through root dipping on the performance of growth, quality, photosynthesis and antioxidant system in tomato. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2020, 29, 553-567.	0.9	31
33	Supplementation of Salicylic Acid and Citric Acid for Alleviation of Cadmium Toxicity to <i>Brassica juncea</i> . <i>Journal of Plant Growth Regulation</i> , 2020, 39, 641-655.	2.8	62
34	Glucose: Sweet or bitter effects in plants-a review on current and future perspective. <i>Carbohydrate Research</i> , 2020, 487, 107884.	1.1	43
35	Salinity induced physiological and biochemical changes in plants: An omic approach towards salt stress tolerance. <i>Plant Physiology and Biochemistry</i> , 2020, 156, 64-77.	2.8	438
36	Cadmium: A Threatening Agent for Plants. , 2020, , 59-88.		3

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37	Interaction of Auxin and Nitric Oxide Improved Photosynthetic Efficiency and Antioxidant System of Brassica juncea Plants Under Salt Stress. <i>Journal of Plant Growth Regulation</i> , 2020, , 1.	2.8	22
38	Melatonin modulates photosynthesis, redox status, and elemental composition to promote growth of Brassica juncea—a dose-dependent effect. <i>Protoplasma</i> , 2020, 257, 1685-1700.	1.0	35
39	Phytoremediation of Cadmium Contaminated Soil Using Brassica juncea: Influence on PSII Activity, Leaf Gaseous Exchange, Carbohydrate Metabolism, Redox and Elemental Status. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 411-421.	1.3	13
40	Foliar spray of Auxin/IAA modulates photosynthesis, elemental composition, ROS localization and antioxidant machinery to promote growth of Brassica juncea. <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 2503-2520.	1.4	45
41	Impact of Silver Nanoparticles on Plant Physiology: A Critical Review. <i>Sustainable Agriculture Reviews</i> , 2020, , 111-127.	0.6	13
42	Effects of Zinc Oxide Nanoparticles on Crop Plants: A Perspective Analysis. <i>Sustainable Agriculture Reviews</i> , 2020, , 83-99.	0.6	56
43	Silicon Nanoparticles and Plants: Current Knowledge and Future Perspectives. <i>Sustainable Agriculture Reviews</i> , 2020, , 129-142.	0.6	68
44	Salicylic acid in relation to other phytohormones in plant: A study towards physiology and signal transduction under challenging environment. <i>Environmental and Experimental Botany</i> , 2020, 175, 104040.	2.0	119
45	Response of Titanium Nanoparticles to Plant Growth: Agricultural Perspectives. <i>Sustainable Agriculture Reviews</i> , 2020, , 101-110.	0.6	6
46	Role of strigolactones: Signalling and crosstalk with other phytohormones. <i>Open Life Sciences</i> , 2020, 15, 217-228.	0.6	41
47	Occurrence and Biosynthesis of Melatonin and Its Exogenous Effect on Plants. <i>Acta Societatis Botanicorum Poloniae</i> , 2020, 89, .	0.8	14
48	Effect of glucose on the morpho-physiology, photosynthetic efficiency, antioxidant system, and carbohydrate metabolism in Brassica juncea. <i>Protoplasma</i> , 2019, 256, 213-226.	1.0	18
49	Brassinosteroid Mediated Regulation of Photosynthesis in Plants. , 2019, , 185-217.		1
50	Proteomic and physiological assessment of stress sensitive and tolerant variety of tomato treated with brassinosteroids and hydrogen peroxide under low-temperature stress. <i>Food Chemistry</i> , 2019, 289, 500-511.	4.2	72
51	Brassinosteroid Regulated Physiological Process: An Omics Perspective. , 2019, , 297-322.		3
52	Epibrassinolide and proline alleviate the photosynthetic and yield inhibition under salt stress by acting on antioxidant system in mustard. <i>Plant Physiology and Biochemistry</i> , 2019, 135, 385-394.	2.8	76
53	Interaction of glucose and phytohormone signaling in plants. <i>Plant Physiology and Biochemistry</i> , 2019, 135, 119-126.	2.8	53
54	Nanoparticles: biosynthesis, translocation and role in plant metabolism. <i>IET Nanobiotechnology</i> , 2019, 13, 345-352.	1.9	18

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55	Regulation of photosynthesis by brassinosteroids in plants. <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	85
56	Nitric oxide-mediated integrative alterations in plant metabolism to confer abiotic stress tolerance, NO crosstalk with phytohormones and NO-mediated post translational modifications in modulating diverse plant stress. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 73, 22-38.	1.2	132
57	Zinc oxide nanoparticle-mediated changes in photosynthetic efficiency and antioxidant system of tomato plants. <i>Photosynthetica</i> , 2018, 56, 678-686.	0.9	221
58	Comparative effect of 28-homobrassinolide and 24-epibrassinolide on the performance of different components influencing the photosynthetic machinery in <i>Brassica juncea</i> L.. <i>Plant Physiology and Biochemistry</i> , 2018, 129, 198-212.	2.8	58
59	24-Epibrassinolide supplemented with silicon enhances the photosynthetic efficiency of <i>Brassica juncea</i> under salt stress. <i>South African Journal of Botany</i> , 2018, 118, 120-128.	1.2	40
60	Epibrassinolide reverses the stress generated by combination of excess aluminum and salt in two wheat cultivars through altered proline metabolism and antioxidants. <i>South African Journal of Botany</i> , 2017, 112, 391-398.	1.2	38
61	Foliar Spray of Proline Enhanced the Photosynthetic Efficiency and Antioxidant System in <i>Brassica juncea</i> . <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 112-119.	0.5	4
62	Efficacy of brassinosteroid analogues in the mitigation of toxic effects of salt stress in <i>Brassica juncea</i> plants. <i>Journal of Environmental Biology</i> , 2017, 38, 27-36.	0.2	17
63	Is foliar spray of proline sufficient for mitigation of salt stress in <i>Brassica juncea</i> cultivars?. <i>Environmental Science and Pollution Research</i> , 2016, 23, 13413-13423.	2.7	35
64	Role of sugars under abiotic stress. <i>Plant Physiology and Biochemistry</i> , 2016, 109, 54-61.	2.8	432
65	Growth, photosynthesis, and antioxidant responses of <i>Vigna unguiculata</i> L. treated with hydrogen peroxide. <i>Cogent Food and Agriculture</i> , 2016, 2, .	0.6	7
66	Silicon elicited varied physiological and biochemical responses in Indian mustard ( <i>Brassica juncea</i> ): a concentration dependent study. <i>Israel Journal of Plant Sciences</i> , 2016, 63, 158-166.	0.3	7
67	Photosynthetic variation and yield attributes of two mustard varieties against cadmium phytotoxicity. <i>Cogent Food and Agriculture</i> , 2015, 1, 1106186.	0.6	7
68	Exogenous proline application enhances the efficiency of nitrogen fixation and assimilation in chickpea plants exposed to cadmium. <i>Legume Research</i> , 2015, , .	0.0	10
69	Effect of Salicylic Acid on the Growth, Photosynthetic Efficiency and Enzyme Activities of Leguminous Plant under Cadmium Stress. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2014, 42, 440-445.	0.5	14
70	Regulation of Growth and Photosynthetic Parameters by Salicylic Acid and Calcium in <i>Brassica juncea</i> under Cadmium Stress. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2014, 69, 452-458.	0.6	8
71	DO brassinosteroids ameliorate freezing stress in <i>Cicer arietinum</i> . <i>Legume Research</i> , 2014, 37, 68.	0.0	1
72	Effect of cadmium on the growth and antioxidant enzymes in two varieties of <i>Brassica juncea</i> . <i>Saudi Journal of Biological Sciences</i> , 2014, 21, 125-131.	1.8	131

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73	Protection of growth in response to 28-homobrassinolide under the stress of cadmium and salinity in wheat. <i>International Journal of Biological Macromolecules</i> , 2014, 64, 130-136.	3.6	40
74	Salicylic acid enhances the efficiency of nitrogen fixation and assimilation in <i>Cicer arietinum</i> plants grown under cadmium stress. <i>Journal of Plant Interactions</i> , 2014, 9, 35-42.	1.0	20
75	Effect of Salicylic Acid on the Growth, Photosynthetic Efficiency and Enzyme Activities of Leguminous Plant under Cadmium Stress. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2014, 42, .	0.5	2
76	Salt-induced modulation in growth, photosynthesis and antioxidant system in two varieties of <i>Brassica juncea</i> . <i>Saudi Journal of Biological Sciences</i> , 2013, 20, 183-193.	1.8	74
77	Alleviation of Salinity Stress With Sodium Nitroprusside in Tomato. <i>International Journal of Vegetable Science</i> , 2013, 19, 164-176.	0.6	13
78	Salicylic Acid: Physiological Roles in Plants. , 2013, , 15-30.		27
79	Overlapping Horizons of Salicylic Acid under Different Stresses. , 2013, , 137-152.		1
80	Soil cadmium enrichment: Allocation and plant physiological manifestations. <i>Saudi Journal of Biological Sciences</i> , 2013, 20, 1-10.	1.8	112
81	Proline enhances antioxidative enzyme activity, photosynthesis and yield of <i>Cicer arietinum</i> L. exposed to cadmium stress. <i>Acta Botanica Croatica</i> , 2013, 72, 323-335.	0.3	49
82	Foliar application of 28-homobrassinolide mitigates salinity stress by increasing the efficiency of photosynthesis in <i>Brassica juncea</i> . <i>Acta Botanica Brasilica</i> , 2013, 27, 502-505.	0.8	21
83	Comparison of the Influence of 28-Homobrassinolide and 24-Epibrassinolide on Nitrate Reductase Activity, Proline Content, and Antioxidative Enzymes of Tomato. <i>International Journal of Vegetable Science</i> , 2012, 18, 161-170.	0.6	8
84	Role of proline under changing environments. <i>Plant Signaling and Behavior</i> , 2012, 7, 1456-1466.	1.2	1,868
85	Salicylic acids. <i>Plant Signaling and Behavior</i> , 2012, 7, 93-102.	1.2	21
86	Effects of herbicide applications in wheat fields. <i>Plant Signaling and Behavior</i> , 2012, 7, 570-575.	1.2	37
87	Impact of sodium nitroprusside on nitrate reductase, proline content, and antioxidant system in tomato under salinity stress. <i>Horticulture Environment and Biotechnology</i> , 2012, 53, 362-367.	0.7	52
88	Foliar spray of brassinosteroid enhances yield and quality of <i>Solanum lycopersicum</i> under cadmium stress. <i>Saudi Journal of Biological Sciences</i> , 2012, 19, 325-335.	1.8	114
89	Salicylic acid mediated changes in growth, photosynthesis, nitrogen metabolism and antioxidant defense system in <i>Cicer arietinum</i> L.. <i>Plant, Soil and Environment</i> , 2012, 58, 417-423.	1.0	45
90	Physiological changes induced by chromium stress in plants: an overview. <i>Protoplasma</i> , 2012, 249, 599-611.	1.0	226

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91	Comparative effect of 28 homobrassinolide and salicylic acid in the amelioration of NaCl stress in <i>Brassica juncea</i> L.. <i>Plant Physiology and Biochemistry</i> , 2012, 53, 61-68.	2.8	78
92	Response of two mustard ( <i>Brassica juncea</i> L.) cultivars differing in photosynthetic capacity subjected to proline. <i>Protoplasma</i> , 2012, 249, 75-87.	1.0	16
93	Brassinosteroids: under biotic stress. , 2011, , 345-360.		4
94	Establishment of sensitive and resistant variety of tomato on the basis of photosynthesis and antioxidative enzymes in the presence of cobalt applied as shotgun approach. <i>Brazilian Journal of Plant Physiology</i> , 2011, 23, 175-185.	0.5	8
95	Brassinosteroids protect photosynthetic machinery against the cadmium induced oxidative stress in two tomato cultivars. <i>Chemosphere</i> , 2011, 84, 1446-1451.	4.2	174
96	28-homobrassinolide improves growth and photosynthesis in <i>Cucumis sativus</i> L. through an enhanced antioxidant system in the presence of chilling stress. <i>Photosynthetica</i> , 2011, 49, 55-64.	0.9	102
97	Comparative effect of 28-homobrassinolide and 24-epibrassinolide on the growth, carbonic anhydrase activity and photosynthetic efficiency of <i>Lycopersicon esculentum</i> . <i>Photosynthetica</i> , 2011, 49, .	0.9	33
98	Nickel: An Overview of Uptake, Essentiality and Toxicity in Plants. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2011, 86, 1-17.	1.3	301
99	Protective Response of 28-Homobrassinolide in Cultivars of <i>Triticum aestivum</i> with Different Levels of Nickel. <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 60, 68-76.	2.1	95
100	Screening of salt-tolerant genotypes of <i>Brassica juncea</i> based on photosynthetic attributes. <i>Journal of Plant Interactions</i> , 2011, 6, 53-60.	1.0	38
101	Nitric Oxide Effects on Photosynthetic Rate, Growth, and Antioxidant Activity in Tomato. <i>International Journal of Vegetable Science</i> , 2011, 17, 333-348.	0.6	34
102	Causes of salinity and plant manifestations to salt stress: a review. <i>Journal of Environmental Biology</i> , 2011, 32, 667-85.	0.2	163
103	Interactive effect of nitric oxide and brassinosteroids on photosynthesis and the antioxidant system of <i>Lycopersicon esculentum</i> . <i>Russian Journal of Plant Physiology</i> , 2010, 57, 212-221.	0.5	41
104	Brassinosteroids protect <i>Lycopersicon esculentum</i> from cadmium toxicity applied as shotgun approach. <i>Protoplasma</i> , 2010, 239, 3-14.	1.0	79
105	Physiological and biochemical changes in plants under waterlogging. <i>Protoplasma</i> , 2010, 241, 3-17.	1.0	154
106	Effect of exogenous salicylic acid under changing environment: A review. <i>Environmental and Experimental Botany</i> , 2010, 68, 14-25.	2.0	847
107	Effect of 28-homobrassinolide on photosynthesis, fluorescence and antioxidant system in the presence or absence of salinity and temperature in <i>Vigna radiata</i> . <i>Environmental and Experimental Botany</i> , 2010, 69, 105-112.	2.0	195
108	Cobalt stress affects nitrogen metabolism, photosynthesis and antioxidant system in chickpea ( <i>Cicer arietinum</i> L.). <i>Journal of Plant Interactions</i> , 2010, 5, 223-231.	1.0	25

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109	Screening of tomato ( <i>Lycopersicon esculentum</i> ) cultivars against cadmium through shotgun approach. <i>Journal of Plant Interactions</i> , 2009, 4, 187-201.	1.0	7
110	Effect of 28-homobrassinolide on antioxidant capacity and photosynthesis in <i>Brassica juncea</i> plants exposed to different levels of copper. <i>Environmental and Experimental Botany</i> , 2009, 66, 418-424.	2.0	121
111	Effect of 28-homobrassinolide on the drought stress-induced changes in photosynthesis and antioxidant system of <i>Brassica juncea</i> L.. <i>Acta Physiologiae Plantarum</i> , 2009, 31, 889-897.	1.0	101
112	Effects of brassinosteroids on the plant responses to environmental stresses. <i>Plant Physiology and Biochemistry</i> , 2009, 47, 1-8.	2.8	754
113	Auxin Analogues and Nitrogen Metabolism, Photosynthesis, and Yield of Chickpea. <i>Journal of Plant Nutrition</i> , 2009, 32, 1469-1485.	0.9	21
114	Growth of Indian mustard ( <i>Brassica juncea</i> L.) in response to salicylic acid under high-temperature stress. <i>Brazilian Journal of Plant Physiology</i> , 2009, 21, 187-195.	0.5	54
115	Effect of Salicylic Acid on Salinity-induced Changes in <i>Brassica juncea</i> . <i>Journal of Integrative Plant Biology</i> , 2008, 50, 1096-1102.	4.1	103
116	A role for brassinosteroids in the amelioration of aluminium stress through antioxidant system in mung bean ( <i>Vigna radiata</i> L. Wilczek). <i>Environmental and Experimental Botany</i> , 2008, 62, 153-159.	2.0	247
117	Growth of tomato ( <i>Lycopersicon esculentum</i> ) in response to salicylic acid under water stress. <i>Journal of Plant Interactions</i> , 2008, 3, 297-304.	1.0	198
118	28-Homobrassinolide ameliorates the saline stress in chickpea ( <i>Cicer arietinum</i> L.). <i>Environmental and Experimental Botany</i> , 2007, 59, 217-223.	2.0	150
119	Brassinosteroid enhanced the level of antioxidants under cadmium stress in <i>Brassica juncea</i> . <i>Environmental and Experimental Botany</i> , 2007, 60, 33-41.	2.0	322
120	Effect of 28-homobrassinolide treatment on nickel toxicity in <i>Brassica juncea</i> . <i>Photosynthetica</i> , 2007, 45, 139-142.	0.9	110
121	Effect of root applied 28-homobrassinolide on the performance of <i>Lycopersicon esculentum</i> . <i>Scientia Horticulturae</i> , 2006, 110, 267-273.	1.7	60
122	Responses of <i>Vigna radiata</i> to Foliar Application of 28-Homobrassinolide and Kinetin. <i>Biologia Plantarum</i> , 2004, 48, 465-468.	1.9	49
123	Salicylic Acid Influences Net Photosynthetic Rate, Carboxylation Efficiency, Nitrate Reductase Activity, and Seed Yield in <i>Brassica juncea</i> . <i>Photosynthetica</i> , 2003, 41, 281-284.	0.9	310
124	Photosynthetic Response of <i>Vigna radiata</i> to Pre-Sowing Seed Treatment with 28-Homobrassinolide. <i>Photosynthetica</i> , 2003, 41, 307-310.	0.9	42
125	Soaking seeds of <i>Lens culinaris</i> with 28-homobrassinolide increased nitrate reductase activity and grain yield in the field in India. <i>Annals of Applied Biology</i> , 2003, 143, 121-124.	1.3	41
126	Growth of wheat seedlings raised from the grains treated with 28-homobrassinolide. <i>Acta Physiologiae Plantarum</i> , 2001, 23, 27-30.	1.0	34



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127	Photosynthetic Efficiency of Plants of Brassica Juncea, Treated with Chlorosubstituted Auxins. <i>Photosynthetica</i> , 2001, 39, 565-568.	0.9	39
128	Carbonic Anhydrase, Photosynthesis, and Seed Yield in Mustard Plants Treated with Phytohormones. <i>Photosynthetica</i> , 2001, 39, 111-114.	0.9	62
129	Photosynthetic Rate, Growth, and Yield of Mustard Plants Sprayed with 28-Homobrassinolide. <i>Photosynthetica</i> , 2000, 38, 469-471.	0.9	72
130	Molecular Mechanisms Underpinning Colonization of a Plant by Plant Growth-Promoting Rhizobacteria. , 0, , 111-128.		1
131	Physicochemical Approaches to Studying Plant Growth Promoting Rhizobacteria. , 0, , 19-40.		1
132	Posttranslational Modifications of Proteins by Nitric Oxide: A New Tool of Metabolome Regulation. , 0, , 189-201.		1
133	Electron Paramagnetic Resonance as a Tool to Study Nitric Oxide Generation in Plants. , 0, , 17-29.		2
134	Effective Plant Protection Weapons against Pathogens Require "NO Bullets", 0, , 103-113.		0
135	Perspective of Melatonin-Mediated Stress Resilience and Cu Remediation Efficiency of Brassica juncea in Cu-Contaminated Soils. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	6