

Durgesh K Tripathi

List of Publications by Year in descending order

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130
papers

10,498
citations

50276

46
h-index

38395

95
g-index

179
all docs

179
docs citations

179
times ranked

9362
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitric Oxide Ameliorates Zinc Oxide Nanoparticles Phytotoxicity in Wheat Seedlings: Implication of the Ascorbate-Glutathione Cycle. <i>Frontiers in Plant Science</i> , 2017, 8, 1.	3.6	1,394
2	An overview on manufactured nanoparticles in plants: Uptake, translocation, accumulation and phytotoxicity. <i>Plant Physiology and Biochemistry</i> , 2017, 110, 2-12.	5.8	579
3	Silicon nanoparticles more effectively alleviated UV-B stress than silicon in wheat (<i>Triticum aestivum</i>) seedlings. <i>Plant Physiology and Biochemistry</i> , 2017, 110, 70-81.	5.8	411
4	Silicon nanoparticles (SiNp) alleviate chromium (VI) phytotoxicity in <i>Pisum sativum</i> (L.) seedlings. <i>Plant Physiology and Biochemistry</i> , 2015, 96, 189-198.	5.8	407
5	Toxicity of aluminium on various levels of plant cells and organism: A review. <i>Environmental and Experimental Botany</i> , 2017, 137, 177-193.	4.2	343
6	Application of silicon nanoparticles in agriculture. <i>3 Biotech</i> , 2019, 9, 90.	2.2	328
7	Nitric oxide alleviates silver nanoparticles (AgNps)-induced phytotoxicity in <i>Pisum sativum</i> seedlings. <i>Plant Physiology and Biochemistry</i> , 2017, 110, 167-177.	5.8	291
8	Reactive Oxygen Species (ROS): Beneficial Companions of Plants' Developmental Processes. <i>Frontiers in Plant Science</i> , 2016, 7, 1299.	3.6	261
9	Role of Silicon in Mitigation of Heavy Metal Stresses in Crop Plants. <i>Plants</i> , 2019, 8, 71.	3.5	256
10	Uptake, Accumulation and Toxicity of Silver Nanoparticle in Autotrophic Plants, and Heterotrophic Microbes: A Concentric Review. <i>Frontiers in Microbiology</i> , 2017, 08, 07.	3.5	254
11	Silicon Nanoparticles More Efficiently Alleviate Arsenate Toxicity than Silicon in Maize Cultivar and Hybrid Differing in Arsenate Tolerance. <i>Frontiers in Environmental Science</i> , 2016, 4, .	3.3	253
12	Influence of High and Low Levels of Plant-Beneficial Heavy Metal Ions on Plant Growth and Development. <i>Frontiers in Environmental Science</i> , 2016, 4, .	3.3	224
13	The Role of Salicylic Acid in Plants Exposed to Heavy Metals. <i>Molecules</i> , 2020, 25, 540.	3.8	213
14	Impact of exogenous silicon addition on chromium uptake, growth, mineral elements, oxidative stress, antioxidant capacity, and leaf and root structures in rice seedlings exposed to hexavalent chromium. <i>Acta Physiologiae Plantarum</i> , 2012, 34, 279-289.	2.1	196
15	Paradigms of climate change impacts on some major food sources of the world: A review on current knowledge and future prospects. <i>Agriculture, Ecosystems and Environment</i> , 2016, 216, 356-373.	5.3	181
16	Micronutrients and their diverse role in agricultural crops: advances and future prospective. <i>Acta Physiologiae Plantarum</i> , 2015, 37, 1.	2.1	160
17	Silicon-mediated alleviation of Cr(VI) toxicity in wheat seedlings as evidenced by chlorophyll fluorescence, laser induced breakdown spectroscopy and anatomical changes. <i>Ecotoxicology and Environmental Safety</i> , 2015, 113, 133-144.	6.0	152
18	Differential Phytotoxic Impact of Plant Mediated Silver Nanoparticles (AgNPs) and Silver Nitrate (AgNO ₃) on <i>Brassica</i> sp.. <i>Frontiers in Plant Science</i> , 2017, 8, 1501.	3.6	137

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19	Revisiting the role of ROS and RNS in plants under changing environment. <i>Environmental and Experimental Botany</i> , 2019, 161, 1-3.	4.2	136
20	Rice seedlings under cadmium stress: effect of silicon on growth, cadmium uptake, oxidative stress, antioxidant capacity and root and leaf structures. <i>Chemistry and Ecology</i> , 2012, 28, 281-291.	1.6	129
21	Acquisition and Homeostasis of Iron in Higher Plants and Their Probable Role in Abiotic Stress Tolerance. <i>Frontiers in Environmental Science</i> , 0, 5, .	3.3	128
22	Significance of silicon uptake, transport, and deposition in plants. <i>Journal of Experimental Botany</i> , 2020, 71, 6703-6718.	4.8	126
23	Morpho-anatomical and biochemical adapting strategies of maize (<i>Zea mays</i> L.) seedlings against lead and chromium stresses. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 286-295.	3.1	121
24	Crosstalk between nitric oxide (NO) and abscisic acid (ABA) signalling molecules in higher plants. <i>Environmental and Experimental Botany</i> , 2019, 161, 41-49.	4.2	109
25	Phytotoxic effect of silver nanoparticles in <i>Triticum aestivum</i> : Improper regulation of photosystem I activity as the reason for oxidative damage in the chloroplast. <i>Photosynthetica</i> , 2019, 57, 209-216.	1.7	102
26	Hydrogen sulphide trapeze: Environmental stress amelioration and phytohormone crosstalk. <i>Plant Physiology and Biochemistry</i> , 2018, 132, 46-53.	5.8	97
27	Tolerance and Reduction of Chromium(VI) by <i>Bacillus</i> sp. MNU16 Isolated from Contaminated Coal Mining Soil. <i>Frontiers in Plant Science</i> , 2017, 8, 778.	3.6	96
28	Understanding the plant and nanoparticle interface at transcriptomic and proteomic level: A concentric overview. <i>Plant Gene</i> , 2017, 11, 265-272.	2.3	95
29	Influence of Exogenous Silicon Addition on Aluminium Tolerance in Rice Seedlings. <i>Biological Trace Element Research</i> , 2011, 144, 1260-1274.	3.5	94
30	Alleviation mechanisms of metal(loid) stress in plants by silicon: a review. <i>Journal of Experimental Botany</i> , 2020, 71, 6744-6757.	4.8	93
31	Nitric oxide and hydrogen sulfide: an indispensable combination for plant functioning. <i>Trends in Plant Science</i> , 2021, 26, 1270-1285.	8.8	90
32	New adventitious root formation and primary root biomass accumulation are regulated by nitric oxide and reactive oxygen species in rice seedlings under arsenate stress. <i>Journal of Hazardous Materials</i> , 2019, 361, 134-140.	12.4	87
33	Impact of Nanoparticles on Photosynthesis: Challenges and Opportunities. <i>Materials Focus</i> , 2016, 5, 405-411.	0.4	81
34	Effects of Nano-Materials on Seed Germination and Seedling Growth: Striking the Slight Balance Between the Concepts and Controversies. <i>Materials Focus</i> , 2016, 5, 195-201.	0.4	80
35	LIB spectroscopic and biochemical analysis to characterize lead toxicity alleviative nature of silicon in wheat (<i>Triticum aestivum</i> L.) seedlings. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 154, 89-98.	3.8	75
36	Differential phytotoxic responses of silver nitrate (AgNO ₃) and silver nanoparticle (AgNps) in <i>Cucumis sativus</i> L.. <i>Plant Gene</i> , 2017, 11, 255-264.	2.3	74

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37	Understanding Heavy Metal Stress in a Rice Crop: Toxicity, Tolerance Mechanisms, and Amelioration Strategies. <i>Journal of Plant Biology</i> , 2019, 62, 239-253.	2.1	73
38	Aluminum toxicity and aluminum stress-induced physiological tolerance responses in higher plants. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 715-730.	9.0	73
39	Fascinating role of silicon to combat salinity stress in plants: An updated overview. <i>Plant Physiology and Biochemistry</i> , 2021, 162, 110-123.	5.8	70
40	Nanomaterials and microbesâ€™ interactions: a contemporary overview. <i>3 Biotech</i> , 2019, 9, 68.	2.2	60
41	Regulation of ascorbate-glutathione cycle by exogenous nitric oxide and hydrogen peroxide in soybean roots under arsenate stress. <i>Journal of Hazardous Materials</i> , 2021, 409, 123686.	12.4	59
42	Hydrogen sulfide and nitric oxide signal integration and plant development under stressed/non-stressed conditions. <i>Physiologia Plantarum</i> , 2020, 168, 239-240.	5.2	58
43	Interactive Effect of Silicon (Si) and Salicylic Acid (SA) in Maize Seedlings and Their Mechanisms of Cadmium (Cd) Toxicity Alleviation. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1587-1597.	5.1	55
44	Silicon crosstalk with reactive oxygen species, phytohormones and other signaling molecules. <i>Journal of Hazardous Materials</i> , 2021, 408, 124820.	12.4	55
45	Regulation of cadmium toxicity in roots of tomato by indole acetic acid with special emphasis on reactive oxygen species production and their scavenging. <i>Plant Physiology and Biochemistry</i> , 2019, 142, 193-201.	5.8	54
46	Avenues of the membrane transport system in adaptation of plants to abiotic stresses. <i>Critical Reviews in Biotechnology</i> , 2019, 39, 861-883.	9.0	53
47	Silicon induces adventitious root formation in rice under arsenate stress with involvement of nitric oxide and indole-3-acetic acid. <i>Journal of Experimental Botany</i> , 2021, 72, 4457-4471.	4.8	53
48	Nitric oxide (NO) and salicylic acid (SA): A framework for their relationship in plant development under abiotic stress. <i>Plant Biology</i> , 2021, 23, 39-49.	3.8	51
49	Synergistic action of silicon nanoparticles and indole acetic acid in alleviation of chromium (CrVI) toxicity in <i>Oryza sativa</i> seedlings. <i>Journal of Biotechnology</i> , 2022, 343, 71-82.	3.8	47
50	Silicon and plant growth promoting rhizobacteria differentially regulate AgNP-induced toxicity in <i>Brassica juncea</i> : Implication of nitric oxide. <i>Journal of Hazardous Materials</i> , 2020, 390, 121806.	12.4	46
51	Structural modifications of plant organs and tissues by metals and metalloids in the environment: A review. <i>Plant Physiology and Biochemistry</i> , 2021, 159, 100-112.	5.8	46
52	Involvement of nitrate reductase-dependent nitric oxide production in magnetopriming-induced salt tolerance in soybean. <i>Physiologia Plantarum</i> , 2020, 168, 422-436.	5.2	44
53	Application of zinc oxide nanoparticles as fertilizer boosts growth in rice plant and alleviates chromium stress by regulating genes involved in oxidative stress. <i>Chemosphere</i> , 2022, 303, 134554.	8.2	44
54	Role of Macronutrients in Plant Growth and Acclimation: Recent Advances and Future Prospective. , 2014, , 197-216.		42

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55	Detection of Biogenic Silica in Leaf Blade, Leaf Sheath, and Stem of Bermuda Grass (<i>Cynodon dactylon</i>) Using LIBS and Phytolith Analysis. <i>Food Biophysics</i> , 2011, 6, 416-423.	3.0	41
56	Plant Responses to Metal Stress. , 2014, , 215-248.		41
57	Assessment of Antioxidant Potential of Plants in Response to Heavy Metals. , 2016, , 97-125.		41
58	Nanoparticles as potential hallmarks of drought stress tolerance in plants. <i>Physiologia Plantarum</i> , 2022, 174, e13665.	5.2	40
59	Silicon and nitric oxide-mediated mechanisms of cadmium toxicity alleviation in wheat seedlings. <i>Physiologia Plantarum</i> , 2022, 174, .	5.2	39
60	Chromium (VI)-induced phytotoxicity in river catchment agriculture: evidence from physiological, biochemical and anatomical alterations in <i>Cucumis sativus</i> (L.) used as model species. <i>Chemistry and Ecology</i> , 2016, 32, 12-33.	1.6	38
61	<i>Pongamia pinnata</i> (L.) Pierre tree seedlings offer a model species for arsenic phytoremediation. <i>Plant Gene</i> , 2017, 11, 238-246.	2.3	37
62	Tracing the role of plant proteins in the response to metal toxicity: a comprehensive review. <i>Plant Signaling and Behavior</i> , 2018, 13, e1507401.	2.4	37
63	Heavy metal induced regulation of plant biology: Recent insights. <i>Physiologia Plantarum</i> , 2022, 174, e13688.	5.2	35
64	Recent insights into the impact, fate and transport of cerium oxide nanoparticles in the plant-soil continuum. <i>Ecotoxicology and Environmental Safety</i> , 2021, 221, 112403.	6.0	34
65	Auxin-mediated molecular mechanisms of heavy metal and metalloids stress regulation in plants. <i>Environmental and Experimental Botany</i> , 2022, 196, 104796.	4.2	34
66	Effect of Arsenic on Growth, Arsenic Uptake, Distribution of Nutrient Elements and Thiols in Seedlings of <i>Wrightia arborea</i> (Dennst.) Mabb.. <i>International Journal of Phytoremediation</i> , 2015, 17, 128-134.	3.1	33
67	Liquid assisted pulsed laser ablation synthesized copper oxide nanoparticles (CuO-NPs) and their differential impact on rice seedlings. <i>Ecotoxicology and Environmental Safety</i> , 2019, 176, 321-329.	6.0	33
68	Role of Nanoparticles on Photosynthesis. , 2019, , 103-127.		31
69	Role of Silicon in Enrichment of Plant Nutrients and Protection from Biotic and Abiotic Stresses. , 2014, , 39-56.		30
70	The karrikin <i>calisthenics</i> ™: Can compounds derived from smoke help in stress tolerance?. <i>Physiologia Plantarum</i> , 2019, 165, 290-302.	5.2	30
71	Phytoremediation Potential and Nutrient Status of <i>Barringtonia acutangula</i> Gaerth. Tree Seedlings Grown Under Different Chromium (CrVI) Treatments. <i>Biological Trace Element Research</i> , 2014, 157, 164-174.	3.5	29
72	Hydrogen sulfide (H ₂ S) underpins the beneficial silicon effects against the copper oxide nanoparticles (CuO NPs) phytotoxicity in <i>Oryza sativa</i> seedlings. <i>Journal of Hazardous Materials</i> , 2021, 415, 124907.	12.4	29

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73	Outstanding Questions on the Beneficial Role of Silicon in Crop Plants. <i>Plant and Cell Physiology</i> , 2022, 63, 4-18.	3.1	29
74	<i>In-Situ</i> Monitoring of Chromium Uptake in Different Parts of the Wheat Seedling (<i>Triticum</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf	1.0	28
75	Laser-Induced Breakdown Spectroscopy and Phytolith Analysis: An Approach to Study the Deposition and Distribution Pattern of Silicon in Different Parts of Wheat (<i>Triticum aestivum</i> L.) Plant. <i>Agricultural Research</i> , 2012, 1, 352-361.	1.7	27
76	Silicon tackles butachlor toxicity in rice seedlings by regulating anatomical characteristics, ascorbate-glutathione cycle, proline metabolism and levels of nutrients. <i>Scientific Reports</i> , 2020, 10, 14078.	3.3	27
77	Dynamic role of iron supply in amelioration of cadmium stress by modulating antioxidative pathways and peroxidase enzymes in mungbean. <i>AoB PLANTS</i> , 2019, 11, plz005.	2.3	26
78	NO and ROS implications in the organization of root system architecture. <i>Physiologia Plantarum</i> , 2020, 168, 473-489.	5.2	26
79	Silicon nanoforms in crop improvement and stress management. <i>Chemosphere</i> , 2022, 305, 135165.	8.2	25
80	Silicon in plant biology: from past to present, and future challenges. <i>Journal of Experimental Botany</i> , 2020, 71, 6699-6702.	4.8	24
81	LASER-INDUCED BREAKDOWN SPECTROSCOPY FOR THE STUDY OF THE PATTERN OF SILICON DEPOSITION IN LEAVES OF <i>SACCHARUM</i> SPECIES. <i>Instrumentation Science and Technology</i> , 2011, 39, 510-521.	1.8	23
82	Nanoparticles as a potential protective agent for arsenic toxicity alleviation in plants. <i>Environmental Pollution</i> , 2022, 300, 118887.	7.5	23
83	Targeting aquaporins to alleviate hazardous metal(loid)s imposed stress in plants. <i>Journal of Hazardous Materials</i> , 2021, 408, 124910.	12.4	22
84	Significance of solute specificity, expression, and gating mechanism of tonoplast intrinsic protein during development and stress response in plants. <i>Physiologia Plantarum</i> , 2021, 172, 258-274.	5.2	22
85	Characterization of rhizobacterial isolates from <i>Brassica juncea</i> for multitrail plant growth promotion and their viability studies on carriers. <i>Environmental Sustainability</i> , 2018, 1, 253-265.	2.8	21
86	Exogenous Mineral Regulation Under Heavy Metal Stress: Advances and Prospects. <i>Biochemistry & Pharmacology: Open Access</i> , 2016, 5, .	0.2	19
87	Differentiating <i>Thamnocalamus Munro</i> from <i>Fargesia Franchet emend. Yi</i> (Bambusoideae, Poaceae): novel evidence from morphological and neural-network analyses. <i>Scientific Reports</i> , 2017, 7, 4192.	3.3	19
88	Role of PGPR in Sustainable Agriculture: Molecular Approach Toward Disease Suppression and Growth Promotion. , 2018, , 259-290.		19
89	Potential Applications and Avenues of Nanotechnology in Sustainable Agriculture. , 2018, , 473-500.		17
90	Interaction of Copper Oxide Nanoparticles With Plants. , 2018, , 297-310.		17

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91	Microprojectile based particle bombardment in development of transgenic indica rice involving AmSOD gene to impart tolerance to salinity. <i>Plant Gene</i> , 2019, 19, 100183.	2.3	16
92	Silica nanoparticles: the rising star in plant disease protection. <i>Trends in Plant Science</i> , 2022, 27, 7-9.	8.8	16
93	Nano-priming: Impression on the beginner of plant life. <i>Plant Stress</i> , 2022, 5, 100091.	5.5	16
94	Spectroscopic investigation of wheat grains (<i>Triticum aestivum</i>) infected by wheat seed gall nematodes (<i>Anguina tritici</i>). <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 9, 58-66.	3.1	15
95	Typological and Frequency Based Study of Opaline Silica (Phytolith) Deposition in Two Common Indian <i>Sorghum L. Species</i> . <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2013, 83, 97-104.	1.0	14
96	Elemental Mapping of Lithium Diffusion in Doped Plant Leaves Using Laser-Induced Breakdown Spectroscopy (LIBS). <i>Applied Spectroscopy</i> , 2019, 73, 387-394.	2.2	14
97	Microscopic, elemental and molecular spectroscopic investigations of root-knot nematode infested okra plant roots. <i>Vacuum</i> , 2018, 158, 126-135.	3.5	13
98	Photoreceptors mapping from past history till date. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 162, 223-231.	3.8	12
99	Plants and Carbon Nanotubes (CNTs) Interface: Present Status and Future Prospects. , 2017, , 317-340.		12
100	Magnetopriming effects on arsenic stressâ€”induced morphological and physiological variations in soybean involving synchrotron imaging. <i>Physiologia Plantarum</i> , 2021, 173, 88-99.	5.2	12
101	Silicon and nitric oxide interplay alleviates copper induced toxicity in mung bean seedlings. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 713-722.	5.8	12
102	Heavy metal stress and plant life: uptake mechanisms, toxicity, and alleviation. , 2020, , 271-287.		11
103	Current Scenario of Root Exudateâ€”Mediated Plant-Microbe Interaction and Promotion of Plant Growth. , 2017, , 349-369.		10
104	Versatile role of silicon in cereals: Health benefits, uptake mechanism, and evolution. <i>Plant Physiology and Biochemistry</i> , 2021, 165, 173-186.	5.8	10
105	Iron oxide nanoparticles impart cross tolerance to arsenate stress in rice roots through involvement of nitric oxide. <i>Environmental Pollution</i> , 2022, 307, 119320.	7.5	10
106	Morphology, Diversity and Frequency Based Exploration of Phytoliths in <i>Pennisetum typhoides</i> Rich. <i>The National Academy of Sciences, India</i> , 2012, 35, 285-289.	1.3	9
107	Glutathione and Phytochelatins Mediated Redox Homeostasis and Stress Signal Transduction in Plants. , 2016, , 285-310.		9
108	Exploring the Role of Plant-Microbe Interactions in Improving Soil Structure and Function Through Root Exudation: A Key to Sustainable Agriculture. , 2017, , 467-487.		9

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109	Exogenous addition of silicon alleviates metsulfuron methyl induced stress in wheat seedlings. <i>Plant Physiology and Biochemistry</i> , 2021, 167, 705-712.	5.8	9
110	An efficient approach of Laser Induced Breakdown Spectroscopy (LIBS) and ICAP-AES to detect the elemental profile of <i>Ocimum L.</i> species. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 471-479.	3.1	8
111	Current Trends of Engineered Nanoparticles (ENPs) in Sustainable Agriculture: An Overview. , 2016, 6, .		8
112	Availability and Risk Assessment of Nanoparticles in Living Systems. , 2018, , 1-31.		8
113	Histochemical Techniques in Plant Science: More Than Meets the Eye. <i>Plant and Cell Physiology</i> , 2021, 62, 1509-1527.	3.1	7
114	Silicon bioavailability in exocarp of <i>Cucumis sativus</i> Linn.. <i>3 Biotech</i> , 2017, 7, 386.	2.2	6
115	Emerging Significance of Rhizospheric Probiotics and Its Impact on Plant Health: Current Perspective Towards Sustainable Agriculture. , 2017, , 233-251.		6
116	Exploring Plant-Mediated Copper, Iron, Titanium, and Cerium Oxide Nanoparticles and Their Impacts. , 2018, , 175-194.		6
117	Metalloids in plants: A systematic discussion beyond description. <i>Annals of Applied Biology</i> , 2022, 180, 7-25.	2.5	5
118	Endogenous indoleacetic acid and nitric oxide are required for calcium-mediated alleviation of copper oxide nanoparticles toxicity in wheat seedlings. <i>Physiologia Plantarum</i> , 2021, 173, 2262-2275.	5.2	5
119	Ca ²⁺ sensor-mediated ROS homeostasis: defense without yield penalty. <i>Trends in Plant Science</i> , 2022, 27, 834-836.	8.8	5
120	Arsenite: the umpire of arsenate perception and responses in plants. <i>Trends in Plant Science</i> , 2022, 27, 420-422.	8.8	4
121	Comparative Study of Silicified Trichomes of Some <i>Luffa</i> Mill. Species. <i>The National Academy of Sciences, India</i> , 2014, 37, 181-186.	1.3	3
122	A potential contribution of achene micromorphology and phytolith analysis in describing the systematics of genus <i>Bolboschoenus</i> from India. <i>Plant Systematics and Evolution</i> , 2015, 301, 955-966.	0.9	3
123	Metalloids in plant biology: New avenues in their research. <i>Journal of Hazardous Materials</i> , 2022, 422, 126738.	12.4	3
124	HPCA1 and HSL3: two plasma membrane proteins that probably cooperate to modulate H ₂ O ₂ signalling under drought conditions. <i>Plant Growth Regulation</i> , 2022, 98, 1-3.	3.4	3
125	Plant-Microbe-Soil Interactions for Reclamation of Degraded Soils: Potential and Challenges. <i>Microorganisms for Sustainability</i> , 2019, , 147-173.	0.7	2
126	Green Synthesis of Silver Nanoparticles from Bark Extract of <i>Terminalia arjuna</i> and their Application as Next Generation Antibacterial Agents. <i>Current Nanoscience</i> , 2022, 18, 743-757.	1.2	2

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127	Recent biotechnological avenues in crop improvement and stress management. Journal of Biotechnology, 2022, 349, 21-24.	3.8	1
128	Data on optimization of microprojectile bombardment parameters in development of salinity tolerant transgenic lines. Data in Brief, 2020, 29, 105305.	1.0	0
129	New avenues of silicon research in plant biology. Plant Physiology and Biochemistry, 2021, 167, 955-957.	5.8	0
130	Chapter 4 Silicon: A Potential Element to Impart Resistance to Photosynthetic Machinery under Different Abiotic Stresses. , 2016, , 67-82.		0