

Anjali Anand

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

645
citations

933447

10
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

625
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of germination, growth, and photosynthesis in soybean by pre-treatment of seeds with magnetic field. <i>Bioelectromagnetics</i> , 2011, 32, 474-484.	1.6	128
2	Local climate affects growth, yield and grain quality of aromatic and non-aromatic rice in northwestern India. <i>Agriculture, Ecosystems and Environment</i> , 2010, 138, 274-281.	5.3	120
3	Biochemical and biophysical changes associated with magnetopriming in germinating cucumber seeds. <i>Plant Physiology and Biochemistry</i> , 2012, 57, 67-73.	5.8	91
4	Hydrogen peroxide signaling integrates with phytohormones during the germination of magnetoprimed tomato seeds. <i>Scientific Reports</i> , 2019, 9, 8814.	3.3	79
5	Effect of stationary magnetic field strengths of 150 and 200 μ mT on reactive oxygen species production in soybean. <i>Bioelectromagnetics</i> , 2012, 33, 428-437.	1.6	62
6	Magnetopriming circumvents the effect of salinity stress on germination in chickpea seeds. <i>Acta Physiologiae Plantarum</i> , 2013, 35, 3401-3411.	2.1	39
7	Superoxide radical production and performance index of Photosystem II in leaves from magnetoprimed soybean seeds. <i>Plant Signaling and Behavior</i> , 2011, 6, 1635-1637.	2.4	29
8	Effect of seed magneto-priming on growth, yield and Na/K ratio in wheat (<i>Triticum aestivum</i> L.) under salt stress. <i>Indian Journal of Plant Physiology</i> , 2016, 21, 15-22.	0.8	27
9	Pre-sowing static magnetic field treatment for improving water and radiation use efficiency in chickpea (<i>Cicer arietinum</i> L.) under soil moisture stress. <i>Bioelectromagnetics</i> , 2016, 37, 400-408.	1.6	18
10	Magnetopriming Actuates Nitric Oxide Synthesis to Regulate Phytohormones for Improving Germination of Soybean Seeds under Salt Stress. <i>Cells</i> , 2022, 11, 2174.	4.1	11
11	Pulsed magnetic field improves seed quality of aged green pea seeds by homeostasis of free radical content. <i>Journal of Food Science and Technology</i> , 2016, 53, 3969-3977.	2.8	8
12	Impact of Climate Change on Agricultural Productivity. , 2015, , 729-755.		7
13	Reactive oxygen species mediated improvement in vigour of static and pulsed magneto-primed cherry tomato seeds. <i>Indian Journal of Plant Physiology</i> , 2015, 20, 197-204.	0.8	7
14	High day-night transition temperature alters nocturnal starch metabolism in rice (<i>Oryza sativa</i> L.). <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	7
15	Seed Priming-Induced Early Vigor in Crops: An Alternate Strategy for Abiotic Stress Tolerance. , 2019, , 163-180.		7
16	Exposure to Magnetic Fields Reveals a Positive Effect on In Vitro Propagation of <i>Stevia rebaudiana</i> (Bertoni). <i>Sugar Tech</i> , 2019, 21, 691-695.	1.8	1