Td Nikam

List of Publications by Year
in descending order

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33	971	567281 15	454955 30
papers	citations	h-index	g-index

36	36	36	1054
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of plant growth regulators on somatic embryogenesis in Niger (Guizotia abyssinica Cass.): an edible oilseed crop. Journal of Crop Science and Biotechnology, 2022, 25, 225-232.	1.5	5
2	In vitro induction and assessment of tetraploid plants from shoot cultures of diploid Niger (Guizotia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 501-513.	2.3	2
3	An insight into the role of silicon on retaliation to osmotic stress in finger millet (Eleusine coracana) Tj ETQq1 1 0.784314 rgBT /Overlock	12.4	20
4	Characterization of influx and efflux silicon transporters and understanding their role in the osmotic stress tolerance in finger millet (Eleusine coracana (L.) Gaertn.). Plant Physiology and Biochemistry, 2021, 162, 677-689.	5.8	11
5	Exposure to NaCl enhances Cd2ï¼‹ biosorption potential of Sesuvium portulacastrum (L.). Environmental Technology and Innovation, 2021, 23, 101753.	6.1	3
6	Whole-genome characterization and comparative genomics of a novel freshwater cyanobacteria species: Pseudanabaena punensis. Molecular Phylogenetics and Evolution, 2021, 164, 107272.	2.7	2
7	Colchicine induces tetraploids in in vitro cultures of Digitalis lanata Ehrh.: Enhanced production of biomass and cardiac glycosides. Industrial Crops and Products, 2021, 174, 114167.	5.2	3
8	In-vitro propagation, callus culture and bioactive lignan production in Phyllanthus tenellus Roxb: a new source of phyllanthin, hypophyllanthin and phyltetralin. Scientific Reports, 2020, 10, 10668.	3.3	10
9	Induction of somatic embryogenesis in leaf and root explants of Digitalis lanata Ehrh.: Direct and indirect method. South African Journal of Botany, 2020, 130, 356-365.	2.5	18
10	NaCl induced salt adaptive changes and enhanced accumulation of 20-hydroxyecdysone in the in vitro shoot cultures of Spinacia oleracea (L.). Scientific Reports, 2019, 9, 12522.	3.3	38
11	Reduction in hyperhydricity and improvement in in vitro propagation of commercial hard fibre and medicinal glycoside yielding Agave sisalana Perr. ex Engelm by NaCl and polyethylene glycol. Plant Cell, Tissue and Organ Culture, 2019, 138, 67-78.	2.3	10
12	Genetic diversity using RAPD markers, mineral composition and their correlation in selected local landraces of finger millet [Eleusine coracana (L.) Gaertn.]. Vegetos, 2019, 32, 1-10.	1.5	9
13	Na+ and Clâ’ induce differential physiological, biochemical responses and metabolite modulations in vitro in contrasting salt-tolerant soybean genotypes. 3 Biotech, 2019, 9, 91.	2.2	16
14	High-Performance Thin-Layer Chromatography Method for Simultaneous Determination of Antipsychotic and Medicinally Important Five Î²-Carboline Alkaloids. Journal of Chromatographic Science, 2019, 57, 312-322.	1.4	2
15	In vitro propagation of Digitalis lanata Ehrh. through direct shoot regeneration â€“ A source of cardiotonic glycosides. Industrial Crops and Products, 2018, 121, 313-319.	5.2	14
16	High-performance thin-layer chromatography and indirect TLCâ€”HRMS-based determination of 20-hydroxyecdysone in Sesuvium portulacastrum. Journal of Planar Chromatography - Modern TLC, 2017, 30, 193-198.	1.2	7
17	Physiological responses of the halophyte Sesuvium portulacastrum to salt stress and their relevance for saline soil bio-reclamation. Flora: Morphology, Distribution, Functional Ecology of Plants, 2016, 224, 96-105.	1.2	56
18	Plant Salt Stress: Adaptive Responses, Tolerance Mechanism and Bioengineering for Salt Tolerance. Botanical Review, The, 2016, 82, 371-406.	3.9	216

#	ARTICLE	IF	CITATIONS
19	In vitro propagation and cell cultures of memory tonic herb Evolvulus alsinoides: a best source for elicited production of scopoletin. Applied Microbiology and Biotechnology, 2016, 100, 3463-3476.	3.6	9
20	Growth, physiological, and biochemical responses in relation to salinity tolerance for In Vitro selection in oil seed crop Guizotia abyssinica Cass.. Journal of Crop Science and Biotechnology, 2014, 17, 11-20.	1.5	15
21	Sesuvium portulacastrum, a plant for drought, salt stress, sand fixation, food and phytoremediation. A review. Agronomy for Sustainable Development, 2013, 33, 329-348.	5.3	67
22	Micropropagation and non-steroidal anti-inflammatory and anti-arthritic agent boswellic acid production in callus cultures of Boswellia serrata Roxb.. Physiology and Molecular Biology of Plants, 2013, 19, 105-116.	3.1	13
23	Biochemical and physiological adaptations of the halophyteSesuvium portulacastrum(L.) L., (Aizoaceae) to salinity. Archives of Agronomy and Soil Science, 2013, 59, 1373-1391.	2.6	10
24	Investigation of arsenic accumulation and tolerance potential of Sesuvium portulacastrum (L.) L.. Chemosphere, 2011, 82, 529-534.	8.2	48
25	Regulated alterations in redox and energetic status are the key mediators of salinity tolerance in the halophyte Sesuvium portulacastrum (L.) L. Plant Growth Regulation, 2011, 65, 287-298.	3.4	25
26	Effects of optimal and supra-optimal salinity stress on antioxidative defence, osmolytes and in vitro growth responses in Sesuvium portulacastrum L.. Plant Cell, Tissue and Organ Culture, 2011, 104, 41-49.	2.3	90
27	Micropropagation of Uraria picta through adventitious bud regeneration and antimicrobial activity of callus. In Vitro Cellular and Developmental Biology - Plant, 2011, 47, 488-495.	2.1	11
28	Differential osmotic adjustment to iso-osmotic NaCl and PEG stress in the in vitro cultures of Sesuvium portulacastrum (L.) L.. Journal of Crop Science and Biotechnology, 2010, 13, 251-256.	1.5	21
29	Biochemical, physiological and growth changes in response to salinity in callus cultures of Sesuvium portulacastrum L.. Plant Cell, Tissue and Organ Culture, 2010, 102, 17-25.	2.3	93
30	Indigofera glandulosa Wendl. (Barbada) a potential source of nutritious food: underutilized and neglected legume in India. Genetic Resources and Crop Evolution, 2010, 57, 147-153.	1.6	16
31	Morphological and molecular diversity analysis among the Indian clones of Sesuvium portulacastrum L.. Genetic Resources and Crop Evolution, 2009, 56, 705-717.	1.6	24
32	Sesuvium portulacastrum (L.) L. a promising halophyte: cultivation, utilization and distribution in India. Genetic Resources and Crop Evolution, 2009, 56, 741-747.	1.6	57
33	High frequency shoot regeneration in Agave sisalana. Plant Cell, Tissue and Organ Culture, 1997, 51, 225-228.	2.3	17