Behzad Ahmadi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/397927/publications.pdf

Version: 2024-02-01

31	508	758635 12	713013 21
papers	citations	h-index	g-index

32	32	32	506
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Remote Sensing of Water Use Efficiency and Terrestrial Drought Recovery across the Contiguous United States. Remote Sensing, 2019, 11, 731.	1.8	50
2	Hydrological drought persistence and recovery over the CONUS: A multi-stage framework considering water quantity and quality. Water Research, 2019, 150, 97-110.	5.3	45
3	Revisiting hydrological drought propagation and recovery considering water quantity and quality. Hydrological Processes, 2019, 33, 1492-1505.	1.1	43
4	In vitro androgenesis: spontaneous vs. artificial genome doubling and characterization of regenerants. Plant Cell Reports, 2020, 39, 299-316.	2.8	39
5	Efficient induction of microspore embryogenesis using abscisic acid, jasmonic acid and salicylic acid in Brassica napus L. Plant Cell, Tissue and Organ Culture, 2014, 116, 343-351.	1.2	38
6	Global water security: A shining star in the dark sky of achieving the sustainable development goals. , 2022, 1, 100005.		29
7	Effects of ascorbic acid, alpha-tocopherol, and glutathione on microspore embryogenesis in Brassica napus L.. In Vitro Cellular and Developmental Biology - Plant, 2014, 50, 26-35.	0.9	25
8	Improved microspore embryogenesis induction and plantlet regeneration using putrescine, cefotaxime and vancomycin in Brassica napus L.. Plant Cell, Tissue and Organ Culture, 2014, 118, 497-505.	1.2	25
9	Molecular characterization and expression analysis of SERK1 and SERK2 in Brassica napus L.: implication for microspore embryogenesis and plant regeneration. Plant Cell Reports, 2016, 35, 185-193.	2.8	24
10	Enhanced regeneration of haploid plantlets from microspores of Brassica napus L. using bleomycin, PCIB, and phytohormones. Plant Cell, Tissue and Organ Culture, 2012, 109, 525-533.	1.2	23
11	Developing an Agricultural Planning Model in a Watershed Considering Climate Change Impacts. Journal of Water Resources Planning and Management - ASCE, 2013, 139, 349-363.	1.3	22
12	Proline and chitosan enhanced efficiency of microspore embryogenesis induction and plantlet regeneration in Brassica napus L.. Plant Cell, Tissue and Organ Culture, 2015, 123, 57-65.	1.2	22
13	Isolated Microspore Culture and Its Applications in Plant Breeding and Genetics. , 2016, , 487-507.		20
14	Atmospheric circulation patterns explaining climatological drought dynamics in the boreal environment of Finland, 1962â€“2011. International Journal of Climatology, 2017, 37, 801-817.	1.5	15
15	Efficient Parthenogenesis Induction and In Vitro Haploid Plant Regeneration in Cucumber (Cucumis) Tj ETQq1 1 0.784314 rgBT /Overlo 1127-1134.	2.8	13
16	Microspore embryogenesis in Brassica: calcium signaling, epigenetic modification, and programmed cell death. Planta, 2018, 248, 1339-1350.	1.6	11
17	A System Dynamics Approach to Economic Assessment of Water Supply and Demand Strategies. , 2011, , .		9
18	Economic Assessment of Water Resources Management Strategies. Journal of Irrigation and Drainage Engineering - ASCE, 2014, 140, 04013005.	0.6	9

#	Article	IF	Citations
19	Temperature dependence of magnetic behaviour in very fine grained, spark plasma sintered NiCuZn ferrites. Journal of Applied Physics, 2012, 111, 07A510.	1.1	7
20	Highly-integrated power cell for high-power wide band-gap power converters. , 2017, , .		7
21	Bud Length, Plating Density, and Incubation Time on Microspore Embryogenesis inBrassica napus. International Journal of Vegetable Science, 2012, 18, 346-357.	0.6	6
22	Enhancement of Medium Frequency Hysteresis Loop Measurements Over a Wide Temperature Range. IEEE Transactions on Magnetics, 2016, 52, 1-4.	1.2	6
23	Effects of Heat Shock and 2, 4-D Treatment on Morphological and Physiological Characteristics of Microspores and Microspore-Derived Doubled Haploid Plants in Brassica napus L.. Iranian Journal of Biotechnology, 2015, 13, 31-38.	0.3	5
24	Peak Spring Flood Discharge Magnitude and Timing in Natural Rivers across Northern Finland: Long-Term Variability, Trends, and Links to Climate Teleconnections. Water (Switzerland), 2022, 14, 1312.	1.2	5
25	Current sharing in non-coupled interleaved bi-directional boost converters for supercapacitor applications. , 2015, , .		4
26	Effect of Anisotropy and Direction of Magnetization on Complex Permeability of Ferromagnetic Rectangular Thin Slabs. IEEE Transactions on Magnetics, 2010, 46, 4001-4008.	1.2	2
27	Structural, Dielectric, and Magnetic Properties of NiZnCu Ferrites Synthesized by Reactive Spark Plasma Sintering Process. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	1
28	A Variable Current-Limit Control Scheme for a Bi-directional Converter used in Ultracapacitor Applications. Electric Power Components and Systems, 2018, 46, 278-289.	1.0	1
29	Genome re-diploidization occurs spontaneously just prior to anthesis in artificially induced auto-tetraploid maize (Zea mays L.) inbred lines. Plant Cell, Tissue and Organ Culture, 2021, 146, 115-126.	1.2	1
30	Bouquet ears in maize inbred lines as affected by agronomic factors. Journal of Crop Improvement, 2023, 37, 140-156.	0.9	1
31	Prise en compte de la structure en domaines magnÃ©tiques et parois pour le calcul de la permÃ©abilitÃ© complexe. Revue Internationale De GÃ©nie Ã©lectrique, 2009, 12, 487-500.	0.0	0