

Min-Rui Wang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

610
citations

623734

14
h-index

642732

23
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25
all docs

25
docs citations

25
times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-edged effects of the cryogenic technique for virus eradication and preservation in shallot shoot tips. <i>Plant Pathology</i> , 2022, 71, 494-504.	2.4	5
2	Micrografting: An Old Dog Plays New Tricks in Obligate Plant Pathogens. <i>Plant Disease</i> , 2022, 106, 2545-2557.	1.4	2
3	Shoot tip cryotherapy for plant pathogen eradication. <i>Plant Pathology</i> , 2022, 71, 1241-1254.	2.4	12
4	Long-Term Preservation of Plant Viruses in Cryopreserved Shoot Tips. <i>Methods in Molecular Biology</i> , 2022, 2400, 187-195.	0.9	0
5	In Vitro Micrografting of Horticultural Plants: Method Development and the Use for Micropropagation. <i>Horticulturae</i> , 2022, 8, 576.	2.8	4
6	Assessments of rooting, vegetative growth, bulb production, genetic integrity and biochemical compounds in cryopreserved plants of shallot. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 144, 123-131.	2.3	8
7	Advances in cryopreservation of in vitro-derived propagules: technologies and explant sources. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 144, 7-20.	2.3	62
8	Combining thermotherapy with meristem culture for improved eradication of onion yellow dwarf virus and shallot latent virus from infected in vitro-cultured shallot shoots. <i>Annals of Applied Biology</i> , 2021, 178, 442-449.	2.5	7
9	Epigenetic and Genetic Integrity, Metabolic Stability, and Field Performance of Cryopreserved Plants. <i>Plants</i> , 2021, 10, 1889.	3.5	22
10	ROS-induced oxidative stress in plant cryopreservation: occurrence and alleviation. <i>Planta</i> , 2021, 254, 124.	3.2	37
11	Droplet-vitrification for shoot tip cryopreservation of shallot (<i>Allium cepa</i> var. <i>aggregatum</i>): effects of PVS3 and PVS2 on shoot regrowth. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 140, 185-195.	2.3	22
12	In vitro tissue culture of apple and other <i>Malus</i> species: recent advances and applications. <i>Planta</i> , 2019, 249, 975-1006.	3.2	42
13	Development, progress and future prospects in cryobiotechnology of <i>Lilium</i> spp.. <i>Plant Methods</i> , 2019, 15, 125.	4.3	22
14	Cryobiotechnology of apple (<i>Malus</i> spp.): development, progress and future prospects. <i>Plant Cell Reports</i> , 2018, 37, 689-709.	5.6	69
15	Combining Thermotherapy with Cryotherapy for Efficient Eradication of <i>Apple stem grooving virus</i> from Infected In-vitro-cultured Apple Shoots. <i>Plant Disease</i> , 2018, 102, 1574-1580.	1.4	38
16	Cryobiotechnology of forest trees: recent advances and future prospects. <i>Biodiversity and Conservation</i> , 2018, 27, 795-814.	2.6	27
17	Long-term preservation of potato leafroll virus, potato virus S, and potato spindle tuber viroid in cryopreserved shoot tips. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10743-10754.	3.6	10
18	In vitro thermotherapy-based methods for plant virus eradication. <i>Plant Methods</i> , 2018, 14, 87.	4.3	67

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19	Cryopreservation of virus: a novel biotechnology for long-term preservation of virus in shoot tips. <i>Plant Methods</i> , 2018, 14, 47.	4.3	17
20	Cryotherapy: A Novel Method for Virus Eradication in Economically Important Plant Species. <i>Methods in Molecular Biology</i> , 2018, 1815, 257-268.	0.9	12
21	Virus infection reduces shoot proliferation of in vitro stock cultures and ability of cryopreserved shoot tips to regenerate into normal shoots in "Gala" apple (<i>Malus domestica</i>). <i>Cryobiology</i> , 2018, 84, 52-58.	0.7	6
22	Culture of shoot tips from adventitious shoots can eradicate Apple stem pitting virus but fails in Apple stem grooving virus. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 283-291.	2.3	38
23	Recovery patterns, histological observations and genetic integrity in <i>Malus</i> shoot tips cryopreserved using droplet-vitrification and encapsulation-dehydration procedures. <i>Journal of Biotechnology</i> , 2015, 214, 182-191.	3.8	42
24	Shoot regeneration and cryopreservation of shoot tips of apple (<i>Malus</i>) by encapsulation-dehydration. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2014, 50, 357-368.	2.1	39