

Reeta Bhatia

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

361
citations

1040056

9
h-index

839539

18
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27
all docs

27
docs citations

27
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Fruit transcriptional profiling of the contrasting genotypes for shelf life reveals the key candidate genes and molecular pathways regulating post-harvest biology in cucumber. <i>Genomics</i> , 2022, 114, 110273.	2.9	7
2	Characterization and genetic analysis of OguCMS and doubled haploid based large genetic arsenal of Indian cauliflowers (<i>Brassica oleracea</i> var. <i>botrytis</i> L.) for morphological, reproductive and seed yield traits revealed their breeding potential. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 1603-1623.	1.6	12
3	Production of Haploids and Doubled Haploids in Marigold (<i>Tagetes</i> spp.) Using Anther Culture. <i>Methods in Molecular Biology</i> , 2021, 2289, 271-287.	0.9	1
4	Microspore derived population developed from an inter-specific hybrid (<i>Brassica oleracea</i> × <i>B. carinata</i>) through a modified protocol provides insight into B genome derived black rot resistance and inter-genomic interaction. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 145, 417-434.	2.3	6
5	Elucidating Mitochondrial DNA Markers of Ogura-Based CMS Lines in Indian Cauliflowers (<i>Brassica</i>) Tj ETQq1 1 0.784314 rgBT /Overl... <i>Frontiers in Plant Science</i> , 2021, 12, 631489.	3.6	10
6	Back-cross introgression of <i>ÔTour</i> ™ cytoplasm from <i>Brassica napus</i> through in vitro embryo rescue reveals partial restoration of sterility in <i>B. oleracea</i> . <i>Scientia Horticulturae</i> , 2021, 282, 110014.	3.6	7
7	Maternal haploid induction in African marigold (<i>Tagetes erecta</i> L.) through in vitro culture of un-fertilized ovules. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 143, 549-564.	2.3	3
8	Accelerated Breeding in Cucumber Using Genomic Approaches. , 2020, , 271-299.		2
9	Heterosis and combining ability in cytoplasmic male sterile and doubled haploid based <i>Brassica oleracea</i> progenies and prediction of heterosis using microsatellites. <i>PLoS ONE</i> , 2019, 14, e0210772.	2.5	34
10	Current understanding of male sterility systems in vegetable Brassicas and their exploitation in hybrid breeding. <i>Plant Reproduction</i> , 2019, 32, 231-256.	2.2	33
11	Optimising protocol for successful development of haploids in marigold (<i>Tagetes</i> spp.) through in vitro androgenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 11-28.	2.3	8
12	Introgression of <i>ÔOgura</i> ™ cytoplasm in cabbage alters its nutritional quality and antioxidant activities. <i>Zemdirbyste</i> , 2019, 106, 273-280.	0.8	1
13	Modification of important factors for efficient microspore embryogenesis and doubled haploid production in field grown white cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> L.) genotypes in India. <i>Scientia Horticulturae</i> , 2018, 233, 178-187.	3.6	30
14	<i>ÔOgura</i> ™-based <i>ÔCMS</i> ™ lines with different nuclear backgrounds of cabbage revealed substantial diversity at morphological and molecular levels. <i>3 Biotech</i> , 2018, 8, 27.	2.2	9
15	Quantification of Antioxidant Contents in Sweet Pepper as Influenced by Planting Time and Fruit Picking Stage. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 451-457.	1.0	0
16	Molecular breeding for resistance to black rot [<i>Xanthomonas campestris</i> pv. <i>campestris</i> (Pammel) Dowson] in Brassicas: recent advances. <i>Euphytica</i> , 2018, 214, 1.	1.2	35
17	Cytoplasmic male sterile and doubled haploid lines with desirable combining ability enhances the concentration of important antioxidant attributes in <i>Brassica oleracea</i> . <i>Euphytica</i> , 2018, 214, 1.	1.2	32
18	Standardization of in vitro Culture Establishment and Proliferation of Micro-Shoots in African and French Marigold Genotypes. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2018, 7, 2768-2781.	0.1	4

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19	Circumventing phenolic exudation and poor survival in micropropagation of marigold. Indian Journal of Horticulture, 2018, 75, 273.	0.1	0
20	Alteration in important quality traits and antioxidant activities in <i>Brassica oleracea</i> with <i>Ogura</i> cybrid cytoplasm. Plant Breeding, 2017, 136, 400-409.	1.9	15
21	Genetic analysis of important antioxidant compounds in cabbage (<i>Brassica oleracea</i> var. <i>capitata</i> L.). Journal of Crop Improvement, 2017, 31, 418-437.	1.7	3
22	<i>In vitro</i> maintenance of CMS lines of Indian cauliflower: an alternative for conventional CMS-based hybrid seed production. Journal of Horticultural Science and Biotechnology, 2015, 90, 171-179.	1.9	11
23	Indigenously developed SI and CMS lines in hybrid breeding of cabbage. Indian Journal of Horticulture, 2015, 72, 212.	0.1	7
24	Evaluation of the genetic fidelity of <i>in vitro</i> -propagated gerbera (<i>Gerbera jamesonii</i> Bolus) using DNA-based markers. Plant Cell, Tissue and Organ Culture, 2011, 104, 131-135.	2.3	90
25	Genetic architecture, physio-biochemical characterization and identification of elite cytoplasmic male sterile (pt-CMS) based combiners in developing antioxidant-rich carrot. Plant Genetic Resources: Characterisation and Utilisation, 0, , 1-13.	0.8	1