Reeta Bhatia

List of Publications by Year
in descending order

25 papers	361 citations	1040056 9 h-index	839539 18 g-index
27 all docs	27 docs citations	27 times ranked	267 citing authors

#	Article	IF	Citations
1	Evaluation of the genetic fidelity of in vitro-propagated gerbera (Gerbera jamesonii Bolus) using DNA-based markers. Plant Cell, Tissue and Organ Culture, 2011, 104, 131-135.	2.3	90
2	Molecular breeding for resistance to black rot [Xanthomonas campestris pv. campestris (Pammel) Dowson] in Brassicas: recent advances. Euphytica, 2018, 214, 1.	1.2	35
3	Heterosis and combining ability in cytoplasmic male sterile and doubled haploid based Brassica oleracea progenies and prediction of heterosis using microsatellites. PLoS ONE, 2019, 14, e0210772.	2.5	34
4	Current understanding of male sterility systems in vegetable Brassicas and their exploitation in hybrid breeding. Plant Reproduction, 2019, 32, 231-256.	2.2	33
5	Cytoplasmic male sterile and doubled haploid lines with desirable combining ability enhances the concentration of important antioxidant attributes in Brassica oleracea. Euphytica, 2018, 214, 1.	1.2	32
6	Modification of important factors for efficient microspore embryogenesis and doubled haploid production in field grown white cabbage (Brassica oleracea var. capitata L.) genotypes in India. Scientia Horticulturae, 2018, 233, 178-187.	3.6	30
7	Alteration in important quality traits and antioxidant activities in Brassica oleracea with Ogura cybrid cytoplasm. Plant Breeding, 2017, 136, 400-409.	1.9	15
8	Characterization and genetic analysis of OguCMS and doubled haploid based large genetic arsenal of Indian cauliflowers (Brassica oleracea var. botrytis L.) for morphological, reproductive and seed yield traits revealed their breeding potential. Genetic Resources and Crop Evolution, 2021, 68, 1603-1623.	1.6	12
9	In vitromaintenance 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
10	Elucidating Mitochondrial DNA Markers of Ogura-Based CMS Lines in Indian Cauliflowers (Brassica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Frontiers in Plant Science, 2021, 12, 631489.	3.6	10
11	â€˜Oguraâ€™-based â€˜CMSâ€™ lines with different nuclear backgrounds of cabbage revealed substantial diversity at morphological and molecular levels. 3 Biotech, 2018, 8, 27.	2.2	9
12	Optimising protocol for successful development of haploids in marigold (Tagetes spp.) through in vitro androgenesis. Plant Cell, Tissue and Organ Culture, 2019, 138, 11-28.	2.3	8
13	Back-cross introgression of â€˜Tourâ€™ cytoplasm from Brassica napus through in vitro embryo rescue reveals partial restoration of sterility in B. oleracea. Scientia Horticulturae, 2021, 282, 110014.	3.6	7
14	Indigenously developed SI and CMS lines in hybrid breeding of cabbage. Indian Journal of Horticulture, 2015, 72, 212.	0.1	7
15	Fruit transcriptional profiling of the contrasting genotypes for shelf life reveals the key candidate genes and molecular pathways regulating post-harvest biology in cucumber. Genomics, 2022, 114, 110273.	2.9	7
16	Microspore derived population developed from an inter-specific hybrid (Brassica oleraceaâ€‰Ã—â€‰B. carinata) through a modified protocol provides insight into B genome derived black rot resistance and inter-genomic interaction. Plant Cell, Tissue and Organ Culture, 2021, 145, 417-434.	2.3	6
17	Standardization of in vitro Culture Establishment and Proliferation of Micro-Shoots in African and French Marigold Genotypes. International Journal of Current Microbiology and Applied Sciences, 2018, 7, 2768-2781.	0.1	4
18	Genetic analysis of important antioxidant compounds in cabbage (Brassiaca oleraceavar.capitataL.). Journal of Crop Improvement, 2017, 31, 418-437.	1.7	3

#	Article	IF	Citations
19	Maternal haploid induction in African marigold (Tagetes erecta L.) through in vitro culture of un-fertilized ovules. Plant Cell, Tissue and Organ Culture, 2020, 143, 549-564.	2.3	3
20	Accelerated Breeding in Cucumber Using Genomic Approaches. , 2020, , 271-299.		2
21	Production of Haploids and Doubled Haploids in Marigold (Tagetes spp.) Using Anther Culture. Methods in Molecular Biology, 2021, 2289, 271-287.	0.9	1
22	Introgression of â€˜Oguraâ€™ cytoplasm in cabbage alters its nutritional quality and antioxidant activities. Zemdirbyste, 2019, 106, 273-280.	0.8	1
23	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
24	Quantification of Antioxidant Contents in Sweet Pepper as Influenced by Planting Time and Fruit Picking Stage. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2018, 88, 451-457.	1.0	0
25	Circumventing phenolic exudation and poor survival in micropropagation of marigold. Indian Journal of Horticulture, 2018, 75, 273.	0.1	0