Asfia Shabbir

List of Publications by Year
in descending order

15	401	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	351
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficacy of titanium dioxide nanoparticles in modulating photosynthesis, peltate glandular trichomes and essential oil production and quality in Mentha piperita L.. Current Plant Biology, 2018, 13, 6-15.	4.7	87
2	Response of exogenous salicylic acid on cadmium induced photosynthetic damage, antioxidant metabolism and essential oil production in peppermint. Plant Growth Regulation, 2018, 86, 273-286.	3.4	70
3	Exogenously sourced Î³-irradiated chitosan-mediated regulation of growth,physiology, quality attributes, and yield in Mentha piperita L.. Turkish Journal of Biology, 2017, 41, 388-401.	0.8	36
4	Concomitant application of depolymerized chitosan and GA3 modulates photosynthesis, essential oil and menthol production in peppermint (Mentha piperita L.). Scientia Horticulturae, 2019, 246, 371-379.	3.6	35
5	Hyacinth bean (Lablab purpureus L.) â€“ An underutilised crop with future potential. Scientia Horticulturae, 2020, 272, 109551.	3.6	34
6	Structural re-arrangement of depolymerized sodium alginate enriches peltate glandular trichomes and essential oil production of spearmint. International Journal of Biological Macromolecules, 2017, 105, 1043-1050.	7.5	26
7	Silicon Nanoparticles Mediated Increase in Glandular Trichomes and Regulation of Photosynthetic and Quality Attributes in Mentha piperita L.. Journal of Plant Growth Regulation, 2020, 39, 346-357.	5.1	26
8	Regulation of functional activities and essential oil production in Vetiveria zizanioides L. Nash after Î³-irradiated sodium alginate elicitation. Turkish Journal of Biology, 2017, 41, 661-672.	0.8	25
9	Radiation-mediated molecular weight reduction and structural modification in carrageenan potentiates improved photosynthesis and secondary metabolism in peppermint (Mentha piperita L.). International Journal of Biological Macromolecules, 2019, 124, 1069-1079.	7.5	22
10	Increased production of valuable secondary products in plants by leaf applied radiation-processed polysaccharides. International Journal of Biological Macromolecules, 2020, 164, 286-294.	7.5	16
11	Essential Oil and Citral Production in Field-Grown Lemongrass in Response to Gamma-Irradiated Chitosan. Journal of Herbs, Spices and Medicinal Plants, 2017, 23, 378-392.	1.1	12
12	Comparative Effect of Foliar Application of Silicon, Titanium and Zinc Nanoparticles on the Performance of Vetiver- a Medicinal and Aromatic Plant. Silicon, 2023, 15, 153-166.	3.3	8
13	Effect of polyacrylamide soil-dressing on physiological attributes, essential oil content, and composition of vetiver (Vetiveria zizanioides). Journal of Herbs, Spices and Medicinal Plants, 2018, 24, 199-212.	1.1	2
14	Response of Mentha spicata L. to the reclamation of soil by the application of polyacrylamide (PAM): A soilâ€conditioner. Journal of Food Processing and Preservation, 2022, 46, .	2.0	2
15	Radiation-processed polysaccharides and the enrichment of medicinally imperative bioactive compounds in plants, a review. , 2022, , 227-256.		0