Iris F Kappers

List of Publications by Year
in descending order

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15 papers	1,125 citations	759233 12 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	1270 citing authors

#	Article	IF	Citations
1	Terpene synthases in cucumber (Cucumis sativus) and their contribution to herbivoreâ€induced volatile terpenoid emission. New Phytologist, 2022, 233, 862-877.	7.3	19
2	Elicitor Application in Strawberry Results in Long-Term Increase of Plant Resilience Without Yield Loss. Frontiers in Plant Science, 2021, 12, 695908.	3.6	6
3	Combined transcriptome and metabolome analysis identifies defence responses in spider mite-infested pepper (Capsicum annuum). Journal of Experimental Botany, 2020, 71, 330-343.	4.8	61
4	Cultivar Variation in Tomato Seed Coat Permeability Is an Important Determinant of Jasmonic Acid Elicited Defenses Against Western Flower Thrips. Frontiers in Plant Science, 2020, 11, 576505.	3.6	11
5	Genome-Wide Analysis Reveals Transcription Factors Regulated by Spider-Mite Feeding in Cucumber (Cucumis sativus). Plants, 2020, 9, 1014.	3.5	2
6	Transcriptional and metabolite analysis reveal a shift in direct and indirect defences in response to spider-mite infestation in cucumber (Cucumis sativus). Plant Molecular Biology, 2020, 103, 489-505.	3.9	26
7	Metabolomics of Thrips Resistance in Pepper (Capsicum spp.) Reveals Monomer and Dimer Acyclic Diterpene Glycosides as Potential Chemical Defenses. Journal of Chemical Ecology, 2019, 45, 490-501.	1.8	35
8	Thrips advisor: exploiting thrips-induced defences to combat pests on crops. Journal of Experimental Botany, 2018, 69, 1837-1848.	4.8	66
9	Three-step pathway engineering results in more incidence rate and higher emission of nerolidol and improved attraction of Diadegma semiclausum. Metabolic Engineering, 2013, 15, 88-97.	7.0	35
10	Variation in Herbivory-induced Volatiles Among Cucumber (Cucumis sativus L.) Varieties has Consequences for the Attraction of Carnivorous Natural Enemies. Journal of Chemical Ecology, 2011, 37, 150-160.	1.8	85
11	Genetic Variation in Jasmonic Acid- and Spider Mite-Induced Plant Volatile Emission of Cucumber Accessions and Attraction of the Predator Phytoseiulus persimilis. Journal of Chemical Ecology, 2010, 36, 500-512.	1.8	41
12	Natural variation in herbivore-induced volatiles in Arabidopsis thaliana. Journal of Experimental Botany, 2010, 61, 3041-3056.	4.8	77
13	Genetic Engineering of Terpenoid Metabolism Attracts Bodyguards to Arabidopsis. Science, 2005, 309, 2070-2072.	12.6	482
14	Combined Transcript and Metabolite Analysis Reveals Genes Involved in Spider Mite Induced Volatile Formation in Cucumber Plants. Plant Physiology, 2004, 135, 2012-2024.	4.8	140
15	Gibberellin and phytochrome control senescence in alstroemeria leaves independently. Physiologia Plantarum, 1998, 103, 91-98.	5.2	24