

Iris F Kappers

List of Publications by Year in descending order

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Version: 2024-02-01

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