

Islam S Sobhy

List of Publications by Year in descending order

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29
papers

978
citations

566801

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#	ARTICLE	IF	CITATIONS
1	The maize lipoxygenase, <i>ZmLOX10</i> , mediates green leaf volatile, jasmonate and herbivore-induced plant volatile production for defense against insect attack. <i>Plant Journal</i> , 2013, 74, 59-73.	2.8	217
2	Insect oral secretions suppress wound-induced responses in Arabidopsis. <i>Journal of Experimental Botany</i> , 2012, 63, 727-737.	2.4	127
3	Synergies and trade-offs between insect and pathogen resistance in maize leaves and roots. <i>Plant, Cell and Environment</i> , 2011, 34, 1088-1103.	2.8	82
4	The prospect of applying chemical elicitors and plant strengtheners to enhance the biological control of crop pests. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20120283.	1.8	60
5	Less is More: Treatment with BTH and Laminarin Reduces Herbivore-Induced Volatile Emissions in Maize but Increases Parasitoid Attraction. <i>Journal of Chemical Ecology</i> , 2012, 38, 348-360.	0.9	59
6	Sweet Scents: Nectar Specialist Yeasts Enhance Nectar Attraction of a Generalist Aphid Parasitoid Without Affecting Survival. <i>Frontiers in Plant Science</i> , 2018, 9, 1009.	1.7	52
7	cis-Jasmone Elicits Aphid-Induced Stress Signalling in Potatoes. <i>Journal of Chemical Ecology</i> , 2017, 43, 39-52.	0.9	44
8	Habitat-specific variation in gut microbial communities and pathogen prevalence in bumblebee queens (<i>Bombus terrestris</i>). <i>PLoS ONE</i> , 2018, 13, e0204612.	1.1	39
9	Development, consumption rates and reproductive biology of <i>Orius albidipennis</i> reared on various prey. <i>BioControl</i> , 2010, 55, 753-765.	0.9	24
10	Volatiles of bacteria associated with parasitoid habitats elicit distinct olfactory responses in an aphid parasitoid and its hyperparasitoid. <i>Functional Ecology</i> , 2020, 34, 507-520.	1.7	24
11	Behavioural and Electrophysiological Responses of Female <i>Anopheles gambiae</i> Mosquitoes to Volatiles from a Mango Bait. <i>Journal of Chemical Ecology</i> , 2020, 46, 387-396.	0.9	22
12	Oral Secretions Affect HIPVs Induced by Generalist (<i>Mythimna loreyi</i>) and Specialist (<i>Parnara guttata</i>) Herbivores in Rice. <i>Journal of Chemical Ecology</i> , 2017, 43, 929-943.	0.9	21
13	Plant strengtheners enhance parasitoid attraction to herbivore-damaged cotton via qualitative and quantitative changes in induced volatiles. <i>Pest Management Science</i> , 2015, 71, 686-693.	1.7	20
14	Priming of cowpea volatile emissions with defense inducers enhances the plant's attractiveness to parasitoids when attacked by caterpillars. <i>Pest Management Science</i> , 2018, 74, 966-977.	1.7	20
15	Associative learning and memory retention of nectar yeast volatiles in a generalist parasitoid. <i>Animal Behaviour</i> , 2019, 153, 137-146.	0.8	18
16	Identification and application of bacterial volatiles to attract a generalist aphid parasitoid: from laboratory to greenhouse assays. <i>Pest Management Science</i> , 2021, 77, 930-938.	1.7	18
17	Ethylene functions as a suppressor of volatile production in rice. <i>Journal of Experimental Botany</i> , 2020, 71, 6491-6511.	2.4	16
18	Bacterial phylogeny predicts volatile organic compound composition and olfactory response of an aphid parasitoid. <i>Oikos</i> , 2020, 129, 1415-1428.	1.2	15

#	ARTICLE	IF	CITATIONS
19	Bioactive Volatiles From Push-Pull Companion Crops Repel Fall Armyworm and Attract Its Parasitoids. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	1.1	15
20	Evaluation of African Maize Cultivars for Resistance to Fall Armyworm <i>Spodoptera frugiperda</i> (J. E.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	14
21	Sensing the Danger Signals: cis-Jasmone Reduces Aphid Performance on Potato and Modulates the Magnitude of Released Volatiles. <i>Frontiers in Ecology and Evolution</i> , 2020, 7, .	1.1	13
22	Effects of cis-Jasmone Treatment of Brassicas on Interactions With <i>Myzus persicae</i> Aphids and Their Parasitoid <i>Diaeretiella rapae</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 711896.	1.7	12
23	Tomato treatment with chemical inducers reduces the performance of <i>Spodoptera littoralis</i> (Lepidoptera: Noctuidae). <i>Applied Entomology and Zoology</i> , 2015, 50, 175-182.	0.6	10
24	Wild potato ancestors as potential sources of resistance to the aphid <i>Myzus persicae</i> . <i>Pest Management Science</i> , 2022, 78, 3931-3938.	1.7	10
25	Life history traits of <i>Blaptostethus pallescens</i> (Hemiptera: Anthocoridae), a candidate for use in augmentative biological control in Egypt. <i>Applied Entomology and Zoology</i> , 2014, 49, 315-324.	0.6	9
26	Herbivore-induced and constitutive volatiles are controlled by different oxylipin-dependent mechanisms in rice. <i>Plant, Cell and Environment</i> , 2021, 44, 2687-2699.	2.8	8
27	The Pupal Parasitoid <i>Trichopria drosophilae</i> Is Attracted to the Same Yeast Volatiles as Its Adult Host. <i>Journal of Chemical Ecology</i> , 2021, 47, 788-798.	0.9	7
28	Evolutionary ecology: Plant volatile profile changes after escaping specialist insects. <i>Current Biology</i> , 2021, 31, R969-R971.	1.8	1
29	Editorial: Inducing Plant Resistance Against Insects Using Exogenous Bioactive Chemicals: Key Advances and Future Perspectives. <i>Frontiers in Plant Science</i> , 2022, 13, 890884.	1.7	1