

Swayamjit Ray

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

894
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

920
citing authors

#	ARTICLE	IF	CITATIONS
1	Cues from chewing insects “the intersection of DAMPs, HAMPs, MAMPs and effectors. Current Opinion in Plant Biology, 2015, 26, 80-86.	7.1	183
2	Turnabout Is Fair Play: Herbivory-Induced Plant Chitinases Excreted in Fall Armyworm Frass Suppress Herbivore Defenses in Maize. Plant Physiology, 2016, 171, 694-706.	4.8	74
3	Plant defenses interact with insect enteric bacteria by initiating a leaky gut syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15991-15996.	7.1	65
4	Host-specific salivary elicitor(s) of European corn borer induce defenses in tomato and maize. New Phytologist, 2013, 199, 66-73.	7.3	62
5	Maize Plants Recognize Herbivore-Associated Cues from Caterpillar Frass. Journal of Chemical Ecology, 2015, 41, 781-792.	1.8	61
6	Caterpillar attack triggers accumulation of the toxic maize protein RIP2. New Phytologist, 2014, 201, 928-939.	7.3	56
7	Herbivore Cues from the Fall Armyworm (<i>Spodoptera frugiperda</i>) Larvae Trigger Direct Defenses in Maize. Molecular Plant-Microbe Interactions, 2014, 27, 461-470.	2.6	56
8	Airborne signals synchronize the defenses of neighboring plants in response to touch. Journal of Experimental Botany, 2019, 70, 691-700.	4.8	46
9	Effector-mediated plant-virus vector interactions. Plant Cell, 2022, 34, 1514-1531.	6.6	43
10	Intraspecific differences in plant defense induction by fall armyworm strains. New Phytologist, 2018, 218, 310-321.	7.3	42
11	Chemical cues linked to risk: Cues from belowground natural enemies enhance plant defences and influence herbivore behaviour and performance. Functional Ecology, 2019, 33, 798-808.	3.6	35
12	Lessons from the Far End: Caterpillar FRASS-Induced Defenses in Maize, Rice, Cabbage, and Tomato. Journal of Chemical Ecology, 2016, 42, 1130-1141.	1.8	34
13	Buffered delivery of phosphate to Arabidopsis alters responses to low phosphate. Journal of Experimental Botany, 2018, 69, 1207-1219.	4.8	32
14	Cover crop species affect mycorrhizae-mediated nutrient uptake and pest resistance in maize. Renewable Agriculture and Food Systems, 2020, 35, 467-474.	1.8	32
15	Root cortical anatomy is associated with differential pathogenic and symbiotic fungal colonization in maize. Plant, Cell and Environment, 2019, 42, 2999-3014.	5.7	26
16	Asymmetry in Herbivore Effector Responses: Caterpillar Frass Effectors Reduce Performance of a Subsequent Herbivore. Journal of Chemical Ecology, 2020, 46, 76-83.	1.8	18
17	Impacts of larval host plant species on dispersal traits and free-flight energetics of adult butterflies. Communications Biology, 2022, 5, 469.	4.4	13
18	Plant Nutrition Influences Resistant Maize Defense Responses to the Fall Armyworm (Spodoptera) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.2	10

#	ARTICLE	IF	CITATIONS
19	Feeding and oviposition by the brown marmorated stink bug, <i>Halyomorpha halys</i> (Stål) induce direct and systemic changes in volatile compound emissions from potted peach and tree of heaven. <i>Arthropod-Plant Interactions</i> , 2022, 16, 227-247.	1.1	5
20	Cover crop selection affects maize susceptibility to the fungal pathogen <i>Fusarium verticillioides</i> . <i>Pedobiologia</i> , 2022, 91-92, 150806.	1.2	1