

# 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	Plant Nutrition Influences Resistant Maize Defense Responses to the Fall Armyworm (Spodoptera) Tj ETQq1 1 0.784314 rgBT/Overlook	2.2	10
2	Effector-mediated plant-virus-vector interactions. <i>Plant Cell</i> , 2022, 34, 1514-1531.	6.6	43
3	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
4	Cover crop selection affects maize susceptibility to the fungal pathogen <i>Fusarium verticillioides</i> . <i>Pedobiologia</i> , 2022, 91-92, 150806.	1.2	1
5	Impacts of larval host plant species on dispersal traits and free-flight energetics of adult butterflies. <i>Communications Biology</i> , 2022, 5, 469.	4.4	13
6	Cover crop species affect mycorrhizae-mediated nutrient uptake and pest resistance in maize. <i>Renewable Agriculture and Food Systems</i> , 2020, 35, 467-474.	1.8	32
7	Asymmetry in Herbivore Effector Responses: Caterpillar Frass Effectors Reduce Performance of a Subsequent Herbivore. <i>Journal of Chemical Ecology</i> , 2020, 46, 76-83.	1.8	18
8	Root cortical anatomy is associated with differential pathogenic and symbiotic fungal colonization in maize. <i>Plant, Cell and Environment</i> , 2019, 42, 2999-3014.	5.7	26
9	Plant defenses interact with insect enteric bacteria by initiating a leaky gut syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15991-15996.	7.1	65
10	Chemical cues linked to risk: Cues from below-ground natural enemies enhance plant defences and influence herbivore behaviour and performance. <i>Functional Ecology</i> , 2019, 33, 798-808.	3.6	35
11	Airborne signals synchronize the defenses of neighboring plants in response to touch. <i>Journal of Experimental Botany</i> , 2019, 70, 691-700.	4.8	46
12	Intraspecific differences in plant defense induction by fall armyworm strains. <i>New Phytologist</i> , 2018, 218, 310-321.	7.3	42
13	Buffered delivery of phosphate to <i>Arabidopsis</i> alters responses to low phosphate. <i>Journal of Experimental Botany</i> , 2018, 69, 1207-1219.	4.8	32
14	Turnabout Is Fair Play: Herbivory-Induced Plant Chitinases Excreted in Fall Armyworm Frass Suppress Herbivore Defenses in Maize. <i>Plant Physiology</i> , 2016, 171, 694-706.	4.8	74
15	Lessons from the Far End: Caterpillar FRASS-Induced Defenses in Maize, Rice, Cabbage, and Tomato. <i>Journal of Chemical Ecology</i> , 2016, 42, 1130-1141.	1.8	34
16	Cues from chewing insects – the intersection of DAMPs, HAMPs, MAMPs and effectors. <i>Current Opinion in Plant Biology</i> , 2015, 26, 80-86.	7.1	183
17	Maize Plants Recognize Herbivore-Associated Cues from Caterpillar Frass. <i>Journal of Chemical Ecology</i> , 2015, 41, 781-792.	1.8	61
18	Caterpillar attack triggers accumulation of the toxic maize protein <sc>RIP</sc>. <i>New Phytologist</i> , 2014, 201, 928-939.	7.3	56

#	ARTICLE	IF	CITATIONS
19	Herbivore Cues from the Fall Armyworm ( <i>Spodoptera frugiperda</i> ) Larvae Trigger Direct Defenses in Maize. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 461-470.	2.6	56
20	Host-specific salivary elicitor(s) of European corn borer induce defenses in tomato and maize. <i>New Phytologist</i> , 2013, 199, 66-73.	7.3	62