

Richard O Musser

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,326
citations

759233

12
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

1271
citing authors

#	ARTICLE	IF	CITATIONS
1	Caterpillar saliva beats plant defences. <i>Nature</i> , 2002, 416, 599-600.	27.8	477
2	Evidence that the caterpillar salivary enzyme glucose oxidase provides herbivore offense in solanaceous plants. <i>Archives of Insect Biochemistry and Physiology</i> , 2005, 58, 128-137.	1.5	160
3	Caterpillar Herbivory and Salivary Enzymes Decrease Transcript Levels of <i>Medicago truncatula</i> genes Encoding Early Enzymes in Terpenoid Biosynthesis. <i>Plant Molecular Biology</i> , 2006, 60, 519-531.	3.9	145
4	Molecular, Biochemical, and Organismal Analyses of Tomato Plants Simultaneously Attacked by Herbivores from Two Feeding Guilds. <i>Journal of Chemical Ecology</i> , 2010, 36, 1043-1057.	1.8	123
5	Ablation of Caterpillar Labial Salivary Glands: Technique for Determining the Role of Saliva in Insect-Plant Interactions. <i>Journal of Chemical Ecology</i> , 2006, 32, 981-992.	1.8	80
6	Evidence that caterpillar labial saliva suppresses infectivity of potential bacterial pathogens. <i>Archives of Insect Biochemistry and Physiology</i> , 2005, 58, 138-144.	1.5	51
7	Sialome of a Generalist Lepidopteran Herbivore: Identification of Transcripts and Proteins from <i>Helicoverpa armigera</i> Labial Salivary Glands. <i>PLoS ONE</i> , 2011, 6, e26676.	2.5	45
8	Evidence that ribonuclease activity present in beetle regurgitant is found to stimulate virus resistance in plants. <i>Journal of Chemical Ecology</i> , 2002, 28, 1691-1696.	1.8	28
9	Title is missing!. <i>Journal of Insect Behavior</i> , 2003, 16, 247-256.	0.7	26
10	Caterpillar Labial Saliva Alters Tomato Plant Gene Expression. <i>Journal of Chemical Ecology</i> , 2012, 38, 1387-1401.	1.8	26
11	Gut Transcription in <i>Helicoverpa zea</i> is Dynamically Altered in Response to Baculovirus Infection. <i>Insects</i> , 2013, 4, 506-520.	2.2	15
12	Larval <i>Helicoverpa zea</i> Transcriptional, Growth and Behavioral Responses to Nicotine and <i>Nicotiana tabacum</i> . <i>Insects</i> , 2014, 5, 668-688.	2.2	14
13	Comparative transcription profiling analyses of maize reveals candidate defensive genes for seedling resistance against corn earworm. <i>Molecular Genetics and Genomics</i> , 2011, 285, 517-525.	2.1	12
14	Effects of Elevated Peroxidase Levels and Corn Earworm Feeding on Gene Expression in Tomato. <i>Journal of Chemical Ecology</i> , 2012, 38, 1247-1263.	1.8	11
15	Microarray Analysis of Tomato Plants Exposed to the Nonviruliferous or Viruliferous Whitefly Vector Harboring Pepper golden mosaic virus. <i>Journal of Insect Science</i> , 2014, 14, .	1.5	7