Michael J Stout

List of Publications by Year in descending order

33 papers	3,384 citations	304743 22 h-index	434195 31 g-index
34 all docs	34 docs citations	34 times ranked	2685 citing authors

#	Article	IF	Citations
1	PLANT-MEDIATED INTERACTIONS BETWEEN PATHOGENIC MICROORGANISMS AND HERBIVOROUS ARTHROPODS. Annual Review of Entomology, 2006, 51, 663-689.	11.8	412
2	Antinutritive and toxic components of plant defense against insects. Archives of Insect Biochemistry and Physiology, 1996, 32, 3-37.	1.5	338
3	Exogenous jasmonates simulate insect wounding in tomato plants (Lycopersicon esculentum) in the laboratory and field. Journal of Chemical Ecology, 1996, 22, 1767-1781.	1.8	325
4	COSTS OF INDUCED RESPONSES AND TOLERANCE TO HERBIVORY IN MALE AND FEMALE FITNESS COMPONENTS OF WILD RADISH. Evolution; International Journal of Organic Evolution, 1999, 53, 1093-1104.	2.3	287
5	Jasmonate-mediated induced plant resistance affects a community of herbivores. Ecological Entomology, 2001, 26, 312-324.	2.2	252
6	Defensive Role of Tomato Polyphenol Oxidases against Cotton Bollworm (Helicoverpa armigera) and Beet Armyworm (Spodoptera exigua). Journal of Chemical Ecology, 2009, 35, 28-38.	1.8	195
7	Specificity of induced resistance in the tomato, Lycopersicon esculentum. Oecologia, 1997, 113, 74-81.	2.0	185
8	Costs of Induced Responses and Tolerance to Herbivory in Male and Female Fitness Components of Wild Radish. Evolution; International Journal of Organic Evolution, 1999, 53, 1093.	2.3	152
9	Differential induction of tomato foliar proteins by arthropod herbivores. Journal of Chemical Ecology, 1994, 20, 2575-2594.	1.8	125
10	Title is missing!. Journal of Chemical Ecology, 1998, 24, 945-963.	1.8	125
11	Functional Analysis of Polyphenol Oxidases by Antisense/Sense Technology. Molecules, 2007, 12, 1569-1595.	3.8	118
12	Overexpression of tomato polyphenol oxidase increases resistance to common cutworm. Plant Science, 2008, 174, 456-466.	3.6	117
13	Drought Stress in Tomatoes: Changes in Plant Chemistry and Potential Nonlinear Consequences for Insect Herbivores. Oikos, 1997, 79, 456.	2.7	105
14	Reevaluating the conceptual framework for applied research on hostâ€plant resistance. Insect Science, 2013, 20, 263-272.	3.0	102
15	Identity, spatial distribution, and variability of induced chemical responses in tomato plants. Entomologia Experimentalis Et Applicata, 1996, 79, 255-271.	1.4	68
16	Potential for the use of elicitors of plant resistance in arthropod management programs. Archives of Insect Biochemistry and Physiology, 2002, 51, 222-235.	1.5	68
17	Stimulation and attenuation of induced resistance by elicitors and inhibitors of chemical induction in tomato (Lycopersicon esculentum) foliage. Entomologia Experimentalis Et Applicata, 1998, 86, 267-279.	1.4	67
18	Characterization of induced resistance in tomato plants. Entomologia Experimentalis Et Applicata, 1996, 79, 273-283.	1.4	52

#	Article	IF	Citations
19	Title is missing!. Journal of Chemical Ecology, 1998, 24, 253-271.	1.8	44
20	Herbivore- and Elicitor-Induced Resistance in Rice to the Rice Water Weevil (Lissorhoptrus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td	1.8	44
21	Temporal and ontogenetic aspects of protein induction in foliage of the tomato, Lycopersicon esculentum. Biochemical Systematics and Ecology, 1996, 24, 611-625.	1.3	43
22	Comparative Effectiveness of Potential Elicitors of Plant Resistance against Spodoptera frugiperda (J.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	40
23	Host-Plant Resistance in Pest Management. , 2014, , 1-21.		24
24	The effect of mycorrhizal seed treatments on rice growth, yield, and tolerance to insect herbivores. Journal of Pest Science, 2021, 94, 375-392.	3.7	22
25	Jasmonic acid-induced resistance to the fall armyworm, Spodoptera frugiperda, in conventional and transgenic cottons expressing Bacillus thuringiensis insecticidal proteins. Entomologia Experimentalis Et Applicata, 2011, 140, 226-237.	1.4	15
26	Integrating Soil Silicon Amendment into Management Programs for Insect Pests of Drill-Seeded Rice. Plants, 2017, 6, 33.	3.5	15
27	Seed treatment using methyl jasmonate induces resistance toÂrice water weevilÂbut reduces plant growth in rice. PLoS ONE, 2019, 14, e0222800.	2.5	12
28	Assessment of tolerance and resistance of inbred rice cultivars to combined infestations of rice water weevil and stemborers. Entomologia Experimentalis Et Applicata, 2021, 169, 629-639.	1.4	11
29	Effects of induced plant resistance on soybean looper (Lepidoptera: Noctuidae) in soybean. Arthropod-Plant Interactions, 2018, 12, 543-551.	1.1	7
30	Evaluation of neonicotinoids as pyrethroid alternatives for rice water weevil management in water-seeded rice. Crop Protection, 2014, 56, 37-43.	2.1	4
31	Soybean leaf age and plant stage influence expression of resistance to velvetbean caterpillar and fall armyworm. Chemoecology, 2021, 31, 377-390.	1.1	4
32	Host-Plant Resistance in Tomato. , 2018, , 217-236.		2
33	Effects of defoliation on the resistance and tolerance of rice, Oryza sativa, to root injury by the rice water weevil, Lissorhoptrus oryzophilus. Entomologia Experimentalis Et Applicata, 2019, 167, 350-359.	1.4	2