

David E Dussourd

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,139
citations

567281

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h-index

677142

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docs citations

22
times ranked

911
citing authors

#	ARTICLE	IF	CITATIONS
1	Escalation of Plant Defense: Do Latex and Resin Canals Spur Plant Diversification?. <i>American Naturalist</i> , 1991, 138, 881-900.	2.1	361
2	Deactivation of Plant Defense: Correspondence Between Insect Behavior and Secretory Canal Architecture. <i>Ecology</i> , 1991, 72, 1383-1396.	3.2	145
3	Host Range of Generalist Caterpillars: Trenching Permits Feeding on Plants with Secretory Canals. <i>Ecology</i> , 1994, 75, 69-78.	3.2	88
4	Polyene pheromone components from an arctiid moth (<i>Utetheisa ornatrix</i>): characterization and synthesis. <i>Journal of Organic Chemistry</i> , 1983, 48, 2266-2270.	3.2	65
5	Entrapment of Aphids and Whiteflies in Lettuce Latex. <i>Annals of the Entomological Society of America</i> , 1995, 88, 163-172.	2.5	55
6	Dihydropyrrolizine attractants for arctiid moths that visit plants containing pyrrolizidine alkaloids. <i>Journal of Chemical Ecology</i> , 1989, 15, 47-60.	1.8	53
7	Poisoned plusiines: toxicity of milkweed latex and cardenolides to some generalist caterpillars. <i>Chemoecology</i> , 2000, 10, 11-16.	1.1	47
8	Behavioral Sabotage of Plant Defense: Do Vein Cuts and Trenches Reduce Insect Exposure to Exudate?. <i>Journal of Insect Behavior</i> , 1999, 12, 501-515.	0.7	46
9	Behavioral Sabotage of Plant Defenses by Insect Folivores. <i>Annual Review of Entomology</i> , 2017, 62, 15-34.	11.8	46
10	Glues or poisons: which triggers vein cutting by monarch caterpillars?. <i>Chemoecology</i> , 2005, 15, 45-49.	1.1	43
11	Chemical stimulants of leaf-trenching by cabbage loopers: natural products, neurotransmitters, insecticides, and drugs. <i>Journal of Chemical Ecology</i> , 2003, 29, 2023-2047.	1.8	42
12	Do canal-cutting behaviours facilitate host-range expansion by insect herbivores?. <i>Biological Journal of the Linnean Society</i> , 2009, 96, 715-731.	1.6	33
13	Plant exudates trigger leaf-trenching by cabbage loopers, <i>Trichoplusia ni</i> (Noctuidae). <i>Oecologia</i> , 1997, 112, 362-369.	2.0	31
14	Visualizing a Plant Defense and Insect Counterploy: Alkaloid Distribution in <i>Lobelia</i> Leaves Trenched by a Plusiine Caterpillar. <i>Journal of Chemical Ecology</i> , 2009, 35, 625-634.	1.8	30
15	Chew and spit: tree-feeding notodontid caterpillars anoint girdles with saliva. <i>Arthropod-Plant Interactions</i> , 2016, 10, 143-150.	1.1	16
16	Girdling by notodontid caterpillars: distribution and occurrence. <i>Arthropod-Plant Interactions</i> , 2012, 6, 621-633.	1.1	11
17	<i>Theroa zethus</i> Caterpillars Use Acid Secretion of Anti-Predator Gland to Deactivate Plant Defense. <i>PLoS ONE</i> , 2015, 10, e0141924.	2.5	9
18	A notodontid novelty: <i>Theroa zethus</i> caterpillars use behavior and anti-predator weaponry to disarm host plants. <i>PLoS ONE</i> , 2019, 14, e0218994.	2.5	7

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19	Toxic geranium trichomes trigger vein cutting by soybean loopers, <i>Chrysodeixis includens</i> (Lepidoptera: Noctuidae). <i>Arthropod-Plant Interactions</i> , 2015, 9, 33-43.	1.1	6
20	Does secretory canal architecture determine the sabotage behaviors of insect folivores?. <i>Arthropod-Plant Interactions</i> , 2021, 15, 71-81.	1.1	2
21	Energetic cost of girdling in a notodontid caterpillar, <i>Oedemasia leptinoides</i> . <i>Arthropod-Plant Interactions</i> , 2021, 15, 161-170.	1.1	2
22	Salivary surprise: <i>Symmerista</i> caterpillars anoint petioles with red saliva after clipping leaves. <i>PLoS ONE</i> , 2022, 17, e0265490.	2.5	1