

Jules Silverman

List of Publications by Year in descending order

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47
papers

1,324
citations

394421

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361022

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47
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docs citations

47
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Argentine Ant: Challenges in Managing an Invasive Unicolonial Pest. Annual Review of Entomology, 2008, 53, 231-252.	11.8	121
2	Urban areas may serve as habitat and corridors for dry-adapted, heat tolerant species; an example from ants. Urban Ecosystems, 2011, 14, 135-163.	2.4	103
3	Changes in Taste Neurons Support the Emergence of an Adaptive Behavior in Cockroaches. Science, 2013, 340, 972-975.	12.6	101
4	Glucose aversion in the German cockroach, <i>Blattella germanica</i> . Journal of Insect Physiology, 1993, 39, 925-933.	2.0	86
5	Diet-Related Modification of Cuticular Hydrocarbon Profiles of the Argentine Ant, <i>Linepithema humile</i> , Diminishes Intercolony Aggression. Journal of Chemical Ecology, 2005, 31, 829-843.	1.8	79
6	The diminutive supercolony: the Argentine ants of the southeastern United States. Molecular Ecology, 2004, 13, 2235-2242.	3.9	68
7	Context-dependent nestmate discrimination and the effect of action thresholds on exogenous cue recognition in the Argentine ant. Animal Behaviour, 2005, 69, 741-749.	1.9	54
8	Geographical variation in Argentine ant aggression behaviour mediated by environmentally derived nestmate recognition cues. Animal Behaviour, 2006, 71, 327-335.	1.9	46
9	Behavioral Resistance of Field-Collected German Cockroaches (Blattodea: Blattellidae) to Baits Containing Glucose. Environmental Entomology, 1994, 23, 425-430.	1.4	45
10	Carbohydrate supply limits invasion of natural communities by Argentine ants. Oecologia, 2009, 161, 161-171.	2.0	45
11	Is It Easy to Be Urban? Convergent Success in Urban Habitats among Lineages of a Widespread Native Ant. PLoS ONE, 2010, 5, e9194.	2.5	40
12	Towards a nutritional ecology of invasive establishment: aphid mutualists provide better fuel for incipient Argentine ant colonies than insect prey. Biological Invasions, 2013, 15, 829-836.	2.4	39
13	Insecticide resistance and diminished secondary kill performance of bait formulations against German cockroaches (Dictyoptera: Blattellidae). Pest Management Science, 2016, 72, 1778-1784.	3.4	38
14	Intraspecific aggression and colony fusion in the Argentine ant. Animal Behaviour, 2008, 75, 583-593.	1.9	34
15	Differential Inputs from Chemosensory Appendages Mediate Feeding Responses to Glucose in Wild-Type and Glucose-Averse German Cockroaches, <i>Blattella germanica</i> . Chemical Senses, 2011, 36, 589-600.	2.0	30
16	Invasive Argentine ants reduce fitness of red maple via a mutualism with an endemic coccid. Biological Invasions, 2010, 12, 2051-2057.	2.4	29
17	Effects of Aromatic Cedar Mulch on the Argentine Ant and the Odorous House Ant (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	26
18	Propagule Pressure and Climate Contribute to the Displacement of <i>Linepithema humile</i> by <i>Pachycondyla chinensis</i> . PLoS ONE, 2013, 8, e56281.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Cuticular hydrocarbons as queen adoption cues in the invasive Argentine ant. <i>Journal of Experimental Biology</i> , 2008, 211, 1249-1256.	1.7	22
20	Queen acceptance and the complexity of nestmate discrimination in the Argentine ant. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 537-548.	1.4	21
21	Tandem carrying, a new foraging strategy in ants: description, function, and adaptive significance relative to other described foraging strategies. <i>Die Naturwissenschaften</i> , 2011, 98, 651-659.	1.6	21
22	Insecticide resistance and nutrition interactively shape life-history parameters in German cockroaches. <i>Scientific Reports</i> , 2016, 6, 28731.	3.3	21
23	Colony Fusion in Argentine Ants is Guided by Worker and Queen Cuticular Hydrocarbon Profile Similarity. <i>Journal of Chemical Ecology</i> , 2009, 35, 922-932.	1.8	19
24	Aphid honeydew provides a nutritionally balanced resource for incipient Argentine ant mutualists. <i>Animal Behaviour</i> , 2014, 95, 33-39.	1.9	18
25	Changes in the Peripheral Chemosensory System Drive Adaptive Shifts in Food Preferences in Insects. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 281.	3.7	18
26	Title is missing!. <i>Journal of Insect Behavior</i> , 1998, 11, 93-102.	0.7	16
27	Soil-Free Collection of Argentine Ants (Hymenoptera: Formicidae) Based on Food-Directed Brood and Queen Movement. <i>Florida Entomologist</i> , 2000, 83, 10.	0.5	16
28	Effect of Aromatic Cedar Mulch on Argentine Ant (Hymenoptera: Formicidae) Foraging Activity and Nest Establishment. <i>Journal of Economic Entomology</i> , 2003, 96, 850-855.	1.8	15
29	The Argentine Ant Persists Through Unfavorable Winters Via a Mutualism Facilitated By a Native Tree. <i>Environmental Entomology</i> , 2011, 40, 1019-1026.	1.4	15
30	Diet quality affects bait performance in German cockroaches (Dictyoptera: Blattellidae). <i>Pest Management Science</i> , 2016, 72, 1826-1836.	3.4	15
31	Effects of Interspecific Competition Between Two Urban Ant Species, <i>Linepithema humile</i> and <i>Monomorium minimum</i> , on Toxic Bait Performance. <i>Journal of Economic Entomology</i> , 2005, 98, 493-501.	1.8	11
32	Submissive behaviour and habituation facilitate entry into habitat occupied by an invasive ant. <i>Animal Behaviour</i> , 2013, 86, 497-506.	1.9	11
33	Comparison of Diet Preferences of Laboratory-Reared and Apartment-Collected German Cockroaches. <i>Journal of Economic Entomology</i> , 2021, 114, 2189-2197.	1.8	10
34	Retrieval of Granular Bait by the Argentine Ant (Hymenoptera: Formicidae): Effect of Clumped Versus Scattered Dispersion Patterns. <i>Journal of Economic Entomology</i> , 2003, 96, 871-874.	1.8	9
35	Effect of Scattered and Discrete Hydramethylnon Bait Placement on the Asian Needle Ant. <i>Journal of Economic Entomology</i> , 2012, 105, 1751-1757.	1.8	7
36	Trap-Mulching Argentine Ants. <i>Journal of Economic Entomology</i> , 2006, 99, 1757-1760.	1.8	7

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37	Argentine Ant Invasion Associated With Loblolly Pines in the Southeastern United States: Minimal Impacts But Seasonally Sustained. <i>Environmental Entomology</i> , 2010, 39, 1141-1150.	1.4	6
38	Suboptimal nutrient balancing despite dietary choice in glucose-averse German cockroaches, <i>Blattella germanica</i> . <i>Journal of Insect Physiology</i> , 2015, 81, 42-47.	2.0	6
39	Persistence of a sugar-rejecting cockroach genotype under various dietary regimes. <i>Scientific Reports</i> , 2017, 7, 46361.	3.3	5
40	Rapid evolution of an adaptive taste polymorphism disrupts courtship behavior. <i>Communications Biology</i> , 2022, 5, 450.	4.4	5
41	Gustatory adaptation affects sexual maturation in male German cockroaches, <i>Blattella germanica</i> . <i>Physiological Entomology</i> , 2016, 41, 19-23.	1.5	4
42	Effects of foraging distance on macronutrient balancing and performance in the German cockroach, <i>Blattella germanica</i> . <i>Journal of Experimental Biology</i> , 2016, 220, 304-311.	1.7	4
43	Retrieval of Granular Bait by the Argentine Ant (Hymenoptera: Formicidae): Effect of Clumped Versus Scattered Dispersion Patterns. <i>Journal of Economic Entomology</i> , 2003, 96, 871-874.	1.8	4
44	Sugar aversion: A newly-acquired adaptive change in gustatory receptor neurons in the German cockroach. <i>Hikaku Seiri Seikagaku (Comparative Physiology and Biochemistry)</i> , 2014, 31, 220-230.	0.0	4
45	Fusion Between Southeastern United States Argentine Ant Colonies and Its Effect on Colony Size and Productivity. <i>Annals of the Entomological Society of America</i> , 2012, 105, 268-274.	2.5	3
46	Effect of Aromatic Cedar Mulch on Argentine Ant (Hymenoptera: Formicidae) Foraging Activity and Nest Establishment. <i>Journal of Economic Entomology</i> , 2003, 96, 850-855.	1.8	3
47	Behaviours Mediating Ant Invasions. , 0, , 221-244.		1