# Jules Silverman

List of Publications by Year
in descending order



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|---|---|---|---|
| 47 papers | 1,324 citations | 394421 19 h-index | 361022 35 g-index |
| 47 all docs | 47 docs citations | 47 times ranked | 1111 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Rapid evolution of an adaptive taste polymorphism disrupts courtship behavior. Communications Biology, 2022, 5, 450. | 4.4 | 5 |
| 2 | Comparison of Diet Preferences of Laboratory-Reared and Apartment-Collected German Cockroaches. Journal of Economic Entomology, 2021, 114, 2189-2197. | 1.8 | 10 |
| 3 | Changes in the Peripheral Chemosensory System Drive Adaptive Shifts in Food Preferences in Insects. Frontiers in Cellular Neuroscience, 2018, 12, 281. | 3.7 | 18 |
| 4 | Persistence of a sugar-rejecting cockroach genotype under various dietary regimes. Scientific Reports, 2017, 7, 46361. | 3.3 | 5 |
| 5 | 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 |
| 6 | Diet quality affects bait performance in German cockroaches (Dictyoptera: Blattellidae). Pest Management Science, 2016, 72, 1826-1836. | 3.4 | 15 |
| 7 | Gustatory adaptation affects sexual maturation in male German cockroaches, Blattella germanica. Physiological Entomology, 2016, 41, 19-23. | 1.5 | 4 |
| 8 | Insecticide resistance and nutrition interactively shape life-history parameters in German cockroaches. Scientific Reports, 2016, 6, 28731. | 3.3 | 21 |
| 9 | Effects of foraging distance on macronutrient balancing and performance in the German cockroach, Blattella germanica. Journal of Experimental Biology, 2016, 220, 304-311. | 1.7 | 4 |
| 10 | Suboptimal nutrient balancing despite dietary choice in glucose-averse German cockroaches, Blattella germanica. Journal of Insect Physiology, 2015, 81, 42-47. | 2.0 | 6 |
| 11 | Aphid honeydew provides a nutritionally balanced resource for incipient Argentine ant mutualists. Animal Behaviour, 2014, 95, 33-39. | 1.9 | 18 |
| 12 | Sugar aversion: A newly-acquired adaptive change in gustatory receptor neurons in the German cockroach. Hikaku Seiri Seikagaku(Comparative Physiology and Biochemistry), 2014, 31, 220-230. | 0.0 | 4 |
| 13 | Submissive behaviour and habituation facilitate entry into habitat occupied by an invasive ant. Animal Behaviour, 2013, 86, 497-506. | 1.9 | 11 |
| 14 | 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 |
| 15 | Changes in Taste Neurons Support the Emergence of an Adaptive Behavior in Cockroaches. Science, 2013, 340, 972-975. | 12.6 | 101 |
| 16 | Propagule Pressure and Climate Contribute to the Displacement of Linepithema humile by Pachycondyla chinensis. PLoS ONE, 2013, 8, e56281. | 2.5 | 23 |
| 17 | Fusion Between Southeastern United States Argentine Ant Colonies and Its Effect on Colony Size and Productivity. Annals of the Entomological Society of America, 2012, 105, 268-274. | 2.5 | 3 |
| 18 | Effect of Scattered and Discrete Hydramethylnon Bait Placement on the Asian Needle Ant. Journal of Economic Entomology, 2012, 105, 1751-1757. | 1.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Tandem carrying, a new foraging strategy in ants: description, function, and adaptive significance relative to other described foraging strategies. Die Naturwissenschaften, 2011, 98, 651-659. | 1.6 | 21 |
| 21 | The Argentine Ant Persists Through Unfavorable Winters Via a Mutualism Facilitated By a Native Tree. Environmental Entomology, 2011, 40, 1019-1026. | 1.4 | 15 |
| 22 | Differential Inputs from Chemosensory Appendages Mediate Feeding Responses to Glucose in Wild-Type and Glucose-Averse German Cockroaches, Blattella germanica. Chemical Senses, 2011, 36, 589-600. | 2.0 | 30 |
| 23 | Invasive Argentine ants reduce fitness of red maple via a mutualism with an endemic coccid. Biological Invasions, 2010, 12, 2051-2057. | 2.4 | 29 |
| 24 | 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 |
| 25 | Argentine Ant Invasion Associated With Loblolly Pines in the Southeastern United States: Minimal Impacts But Seasonally Sustained. Environmental Entomology, 2010, 39, 1141-1150. | 1.4 | 6 |
| 26 | Carbohydrate supply limits invasion of natural communities by Argentine ants. Oecologia, 2009, 161, 161-171. | 2.0 | 45 |
| 27 | Colony Fusion in Argentine Ants is Guided by Worker and Queen Cuticular Hydrocarbon Profile Similarity. Journal of Chemical Ecology, 2009, 35, 922-932. | 1.8 | 19 |
| 28 | Queen acceptance and the complexity of nestmate discrimination in the Argentine ant. Behavioral Ecology and Sociobiology, 2008, 62, 537-548. | 1.4 | 21 |
| 29 | Intraspecific aggression and colony fusion in the Argentine ant. Animal Behaviour, 2008, 75, 583-593. | 1.9 | 34 |
| 30 | The Argentine Ant: Challenges in Managing an Invasive Unicolonial Pest. Annual Review of Entomology, 2008, 53, 231-252. | 11.8 | 121 |
| 31 | Cuticular hydrocarbons as queen adoption cues in the invasive Argentine ant. Journal of Experimental Biology, 2008, 211, 1249-1256. | 1.7 | 22 |
| 32 | Geographical variation in Argentine ant aggression behaviour mediated by environmentally derived nestmate recognition cues. Animal Behaviour, 2006, 71, 327-335. | 1.9 | 46 |
| 33 | Trap-Mulching Argentine Ants. Journal of Economic Entomology, 2006, 99, 1757-1760. | 1.8 | 7 |
| 34 | Effects of Interspecific Competition Between Two Urban Ant Species, Linepithema humile and Monomorium minimum, on Toxic Bait Performance. Journal of Economic Entomology, 2005, 98, 493-501. | 1.8 | 11 |
| 35 | 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 |
| 36 | Diet-Related Modification of Cuticular Hydrocarbon Profiles of the Argentine Ant, Linepithema humile, Diminishes Intercolony Aggression. Journal of Chemical Ecology, 2005, 31, 829-843. | 1.8 | 79 |

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|---|---|---|---|
| 37 | The diminutive supercolony: the Argentine ants of the southeastern United States. Molecular Ecology, 2004, 13, 2235-2242. | 3.9 | 68 |
| 38 | Effect of Aromatic Cedar Mulch on Argentine Ant (Hymenoptera: Formicidae) Foraging Activity and Nest Establishment. Journal of Economic Entomology, 2003, 96, 850-855. | 1.8 | 15 |
| 39 | Retrieval of Granular Bait by the Argentine Ant (Hymenoptera: Formicidae): Effect of Clumped Versus Scattered Dispersion Patterns. Journal of Economic Entomology, 2003, 96, 871-874. | 1.8 | 9 |
| 40 | Effect of Aromatic Cedar Mulch on Argentine Ant (Hymenoptera: Formicidae) Foraging Activity and Nest Establishment. Journal of Economic Entomology, 2003, 96, 850-855. | 1.8 | 3 |
| 41 | Retrieval of Granular Bait by the Argentine Ant (Hymenoptera: Formicidae): Effect of Clumped Versus Scattered Dispersion Patterns. Journal of Economic Entomology, 2003, 96, 871-874. | 1.8 | 4 |
| 42 | Effects of Aromatic Cedar Mulch on the Argentine Ant and the Odorous House Ant (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.8 | 26 |
| 43 | Soil-Free Collection of Argentine Ants (Hymenoptera: Formicidae) Based on Food-Directed Brood and Queen Movement. Florida Entomologist, 2000, 83, 10. | 0.5 | 16 |
| 44 | Title is missing!. Journal of Insect Behavior, 1998, 11, 93-102. | 0.7 | 16 |
| 45 | Behavioral Resistance of Field-Collected German Cockroaches (Blattodea: Blattellidae) to Baits Containing Glucose. Environmental Entomology, 1994, 23, 425-430. | 1.4 | 45 |
| 46 | Glucose aversion in the German cockroach, Blattella germanica. Journal of Insect Physiology, 1993, 39, 925-933. | 2.0 | 86 |
| 47 | Behaviours Mediating Ant Invasions. , 0, , 221-244. | | 1 |