

Laura Corley Lavine

List of Publications by Year in descending order

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51
papers

2,806
citations

236925

25
h-index

197818

49
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51
all docs

51
docs citations

51
times ranked

2533
citing authors

#	ARTICLE	IF	CITATIONS
1	Cell Cycle Progression Determines Wing Morph in the Polyphenic Insect <i>Nilaparvata lugens</i> . <i>IScience</i> , 2020, 23, 101040.	4.1	16
2	The Insulin Signaling Substrate Chico and the Ecdysone Response Element Broad Both Regulate Growth of the Head Horns in the Asian Rhinoceros Beetle, <i>Trypoxylus dichotomus</i> . <i>Integrative and Comparative Biology</i> , 2019, 59, 1338-1345.	2.0	4
3	Mechanisms regulating phenotypic plasticity in wing polyphenic insects. <i>Advances in Insect Physiology</i> , 2019, 56, 43-72.	2.7	15
4	Variation in an Extreme Weapon: Horn Performance Differences across Rhinoceros Beetle (<i>Trypoxylus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.2	4
5	The activin signaling transcription factor Smox is an essential regulator of appendage size during regeneration after autotomy in the crayfish. <i>Evolution & Development</i> , 2019, 21, 44-55.	2.0	8
6	Endocrine regulation of a dispersal polymorphism in winged insects: a short review. <i>Current Opinion in Insect Science</i> , 2018, 25, 20-24.	4.4	17
7	Rhinoceros beetle horn development reveals deep parallels with dung beetles. <i>PLoS Genetics</i> , 2018, 14, e1007651.	3.5	45
8	Host quality induces phenotypic plasticity in a wing polyphenic insect. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7563-7568.	7.1	55
9	The Fat-Dachsous signaling pathway regulates growth of horns in <i>Trypoxylus dichotomus</i> , but does not affect horn allometry. <i>Journal of Insect Physiology</i> , 2018, 105, 85-94.	2.0	11
10	Mechanisms of resistance to three mite growth inhibitors of <i>Tetranychus urticae</i> in hops. <i>Bulletin of Entomological Research</i> , 2018, 108, 23-34.	1.0	27
11	OUP accepted manuscript. <i>Journal of Economic Entomology</i> , 2018, 111, 2831-2843.	1.8	13
12	External Mentor Program: A Pathway to Career Advancement for Women in STEM. , 2018, 1, .		2
13	The function of appendage patterning genes in mandible development of the sexually dimorphic stag beetle. <i>Developmental Biology</i> , 2017, 422, 24-32.	2.0	15
14	Selection of Reference Genes for Expression Studies of Xenobiotic Adaptation in <i>Tetranychus urticae</i> . <i>International Journal of Biological Sciences</i> , 2016, 12, 1129-1139.	6.4	26
15	Ecological Trade-offs between Migration and Reproduction Are Mediated by the Nutrition-Sensitive Insulin-Signaling Pathway. <i>International Journal of Biological Sciences</i> , 2016, 12, 607-616.	6.4	36
16	Insecticide Resistance and Management Strategies in Urban Ecosystems. <i>Insects</i> , 2016, 7, 2.	2.2	126
17	JNK signaling mediates wing form polymorphism in brown planthoppers (<i>Nilaparvata lugens</i>). <i>Insect Biochemistry and Molecular Biology</i> , 2016, 73, 55-61.	2.7	24
18	Endocrine Control of Exaggerated Trait Growth in Rhinoceros Beetles. <i>Integrative and Comparative Biology</i> , 2016, 56, 247-259.	2.0	12

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19	FOXO links wing form polyphenism and wound healing in the brown planthopper, <i>Nilaparvata lugens</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2016, 70, 24-31.	2.7	26
20	The Fat/Hippo signaling pathway links within-disc morphogen patterning to whole-animal signals during phenotypically plastic growth in insects. <i>Developmental Dynamics</i> , 2015, 244, 1039-1045.	1.8	37
21	Is diversification in male reproductive traits driven by evolutionary trade-offs between weapons and nuptial gifts?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150247.	2.6	32
22	Exaggerated Trait Growth in Insects. <i>Annual Review of Entomology</i> , 2015, 60, 453-472.	11.8	73
23	Insights into the Development and Evolution of Exaggerated Traits Using De Novo Transcriptomes of Two Species of Horned Scarab Beetles. <i>PLoS ONE</i> , 2014, 9, e88364.	2.5	15
24	Developmental Link between Sex and Nutrition; doublesex Regulates Sex-Specific Mandible Growth via Juvenile Hormone Signaling in Stag Beetles. <i>PLoS Genetics</i> , 2014, 10, e1004098.	3.5	138
25	Identification of an alternative knockdown resistance (<i>kdr</i>)-like mutation, M918L, and a novel mutation, V1010A, in the <i>Thrips tabaci</i> voltage-gated sodium channel gene. <i>Pest Management Science</i> , 2014, 70, 977-981.	3.4	23
26	Transcriptome-Based Identification of ABC Transporters in the Western Tarnished Plant Bug <i>Lygus hesperus</i> . <i>PLoS ONE</i> , 2014, 9, e113046.	2.5	48
27	Manipulation of soil temperatures to influence brood emergence in the alkali bee (<i>Nomia melanderi</i>). <i>Apidologie</i> , 2013, 44, 286-294.	2.0	10
28	A general mechanism for conditional expression of exaggerated sexually-selected traits. <i>BioEssays</i> , 2013, 35, 889-899.	2.5	75
29	CLONING AND CHARACTERIZATION OF AN mRNA ENCODING AN INSULIN RECEPTOR FROM THE HORNED SCARAB BEETLE <i>Onthophagus nigriventris</i> (COLEOPTERA: SCARABAEIDAE). <i>Archives of Insect Biochemistry and Physiology</i> , 2013, 82, 43-57.	1.5	20
30	Soldier Morphogenesis in the Damp Wood Termite Is Regulated by the Insulin Signaling Pathway. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2013, 320, 295-306.	1.3	49
31	Susceptibility of Cranberries to <i>Drosophila suzukii</i> (Diptera: Drosophilidae). <i>Journal of Economic Entomology</i> , 2013, 106, 2424-2427.	1.8	37
32	Flight behavior of the rhinoceros beetle <i>Trypoxylus dichotomus</i> during electrical nerve stimulation. <i>Bioinspiration and Biomimetics</i> , 2012, 7, 036021.	2.9	13
33	A Mechanism of Extreme Growth and Reliable Signaling in Sexually Selected Ornaments and Weapons. <i>Science</i> , 2012, 337, 860-864.	12.6	394
34	Identification of <i>Lygus hesperus</i> by DNA Barcoding Reveals Insignificant Levels of Genetic Structure among Distant and Habitat Diverse Populations. <i>PLoS ONE</i> , 2012, 7, e34528.	2.5	14
35	Misdiagnosis of Spider Bites: Bacterial Associates, Mechanical Pathogen Transfer, and Hemolytic Potential of Venom From the Hobo Spider, <i>Tegenaria agrestis</i> (Araneae: Agelenidae). <i>Journal of Medical Entomology</i> , 2011, 48, 382-388.	1.8	26
36	Juvenile Hormone Regulates Extreme Mandible Growth in Male Stag Beetles. <i>PLoS ONE</i> , 2011, 6, e21139.	2.5	102

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37	Towards a better understanding of life. <i>Trends in Ecology and Evolution</i> , 2010, 25, 135-136.	8.7	0
38	Roaches, apoptosis and the ovarian clock: use it or lose it. <i>Heredity</i> , 2009, 103, 192-193.	2.6	1
39	On the origin and evolutionary diversification of beetle horns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8661-8668.	7.1	171
40	A review of insect stem cell types. <i>Seminars in Cell and Developmental Biology</i> , 2006, 17, 510-517.	5.0	27
41	Insulin signaling and limb-patterning: candidate pathways for the origin and evolutionary diversification of beetle "horns". <i>Heredity</i> , 2006, 97, 179-191.	2.6	122
42	Both endogenous and environmental factors affect embryo proliferation in the polyembryonic wasp <i>Copidosoma floridanum</i> . <i>Evolution & Development</i> , 2005, 7, 115-121.	2.0	16
43	Microevolution and development: studies of the genetic basis of adaptive variation in insects. <i>Evolution & Development</i> , 2005, 7, 79-80.	2.0	3
44	Caste determination in a polyembryonic wasp involves inheritance of germ cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10095-10100.	7.1	48
45	Evasion of encapsulation by the polyembryonic parasitoid <i>Copidosoma floridanum</i> is mediated by a polar body-derived extraembryonic membrane. <i>Journal of Invertebrate Pathology</i> , 2003, 83, 86-89.	3.2	30
46	Radical paradigm shifts in Evo"Devo. <i>Trends in Ecology and Evolution</i> , 2002, 17, 544-545.	8.7	6
47	Genetic variation and asexual reproduction in the facultatively parthenogenetic cockroach <i>Nauphoeta cinerea</i> : implications for the evolution of sex. <i>Journal of Evolutionary Biology</i> , 2001, 14, 68-74.	1.7	49
48	Competition induces adaptive shifts in caste ratios of a polyembryonic wasp. <i>Nature</i> , 2000, 406, 183-186.	27.8	92
49	Urochordates Are Monophyletic Within the Deuterostomes. <i>Systematic Biology</i> , 2000, 49, 52-64.	5.6	218
50	Developmental constraints on the mode of reproduction in the facultatively parthenogenetic cockroach <i>Nauphoeta cinerea</i> . <i>Evolution & Development</i> , 1999, 1, 90-99.	2.0	33
51	The origin and evolution of animal "appendages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 5162-5166.	7.1	402