

Sara M Lewis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6989003/sara-m-lewis-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69
papers

2,336
citations

29
h-index

47
g-index

72
ext. papers

2,771
ext. citations

3.7
avg, IF

5.3
L-index

#	Paper	IF	Citations
69	Flash signal evolution, mate choice, and predation in fireflies. <i>Annual Review of Entomology</i> , 2008 , 53, 293-321	21.8	181
68	Sources of Intraspecific Variation in Sperm Precedence in Red Flour Beetles. <i>American Naturalist</i> , 1990 , 135, 351-359	3.7	175
67	Nitric oxide and the control of firefly flashing. <i>Science</i> , 2001 , 292, 2486-8	33.3	114
66	The impact of artificial light at night on nocturnal insects: A review and synthesis. <i>Ecology and Evolution</i> , 2018 , 8, 11337-11358	2.8	107
65	International scientists formulate a roadmap for insect conservation and recovery. <i>Nature Ecology and Evolution</i> , 2020 , 4, 174-176	12.3	98
64	Sexual selection in flour beetles: the relationship between sperm precedence and male olfactory attractiveness. <i>Behavioral Ecology</i> , 1994 , 5, 223-224	2.3	93
63	An integrative view of sexual selection in Tribolium flour beetles. <i>Biological Reviews</i> , 2008 , 83, 151-71	13.5	84
62	The influence of male ejaculate quantity on female fitness: a meta-analysis. <i>Biological Reviews</i> , 2011 , 86, 299-309	13.5	81
61	The Evolution of Animal Nuptial Gifts. <i>Advances in the Study of Behavior</i> , 2012 , 44, 53-97	3.4	68
60	Firefly genomes illuminate parallel origins of bioluminescence in beetles. <i>ELife</i> , 2018 , 7,	8.9	64
59	Energy and predation costs of firefly courtship signals. <i>American Naturalist</i> , 2007 , 170, 702-8	3.7	63
58	Chronic parrotfish grazing impedes coral recovery after bleaching. <i>Coral Reefs</i> , 2006 , 25, 361-368	4.2	62
57	Mechanisms of Sperm Transfer and Storage in the Red Flour Beetle (Coleoptera: Tenebrionidae). <i>Annals of the Entomological Society of America</i> , 1996 , 89, 892-897	2	61
56	Emerging issues in the evolution of animal nuptial gifts. <i>Biology Letters</i> , 2014 , 10,	3.6	54
55	Female role in sperm storage in the red flour beetle, <i>Tribolium castaneum</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998 , 120, 641-647	2.6	46
54	Sperm precedence and sperm storage in multiply mated red flour beetles. <i>Behavioral Ecology and Sociobiology</i> , 1998 , 43, 365-369	2.5	44
53	Female influence over offspring paternity in the red flour beetle <i>Tribolium castaneum</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004 , 271, 1393-9	4.4	42

52	A Global Perspective on Firefly Extinction Threats. <i>BioScience</i> , 2020 , 70, 157-167	5.7	39
51	Fitness advantage from nuptial gifts in female fireflies. <i>Ecological Entomology</i> , 2002 , 27, 373-377	2.1	39
50	Sound production during feeding in Hippocampus seahorses (Syngnathidae). <i>Environmental Biology of Fishes</i> , 1998 , 51, 221-229	1.6	38
49	Nuptial gifts and sexual selection in photinus fireflies. <i>Integrative and Comparative Biology</i> , 2004 , 44, 234-7	2.8	36
48	Shell choice in Pagurus longicarpus hermit crabs: does predation threat influence shell selection behavior?. <i>Behavioral Ecology and Sociobiology</i> , 2004 , 56, 171-176	2.5	36
47	Fitness consequences of differences in male mating behaviour in relation to female reproductive status in flour beetles. <i>Animal Behaviour</i> , 1995 , 50, 1157-1160	2.8	36
46	Reproductive Ecology of Two Species of Photinus Fireflies (Coleoptera: Lampyridae). <i>Psyche: Journal of Entomology</i> , 1991 , 98, 293-307	0.2	36
45	Multiple mating and repeated copulations: effects on male reproductive success in red flour beetles. <i>Animal Behaviour</i> , 2004 , 67, 799-804	2.8	35
44	Correlated evolution of female neoteny and flightlessness with male spermatophore production in fireflies (Coleoptera: Lampyridae). <i>Evolution; International Journal of Organic Evolution</i> , 2011 , 65, 1099-1113	3.8	32
43	The formation, transfer, and fate of spermatophores in Photinus fireflies (Coleoptera: Lampyridae). <i>Canadian Journal of Zoology</i> , 1997 , 75, 1202-1207	1.5	32
42	Firefly Courtship: Behavioral and Morphological Predictors of Male Mating Success in Photinus greeni. <i>Ethology</i> , 2006 , 112, 485-492	1.7	32
41	Male courtship attractiveness and paternity success in Photinus greeni fireflies. <i>Evolution; International Journal of Organic Evolution</i> , 2007 , 61, 431-9	3.8	31
40	Predators selectively graze reproductive structures in a clonal marine organism. <i>Marine Biology</i> , 2009 , 156, 569-577	2.5	27
39	Proximal traits and mechanisms for biasing paternity in the red flour beetle Tribolium castaneum (Coleoptera: Tenebrionidae). <i>Behavioral Ecology and Sociobiology</i> , 2006 , 60, 844-853	2.5	27
38	Male courtship signals and female signal assessment in Photinus greeni fireflies. <i>Behavioral Ecology</i> , 2006 , 17, 329-335	2.3	27
37	Firefly flashing and jumping spider predation. <i>Animal Behaviour</i> , 2012 , 83, 81-86	2.8	26
36	Pheromone production by male Tribolium castaneum (Coleoptera: Tenebrionidae) is influenced by diet quality. <i>Journal of Economic Entomology</i> , 2010 , 103, 1915-9	2.2	24
35	Seasonal Variation in Mate Choice of Photinus ignitus Fireflies. <i>Ethology</i> , 2005 , 111, 89-100	1.7	23

34	Male mate choice favors more colorful females in the gift-giving cabbage butterfly. <i>Behavioral Ecology and Sociobiology</i> , 2014 , 68, 1539-1547	2.5	22
33	Social context of shell acquisition in <i>Coenobita clypeatus</i> hermit crabs. <i>Behavioral Ecology</i> , 2010 , 21, 639-646	2.5	21
32	Limits to Nuptial Gift Production by Male Fireflies, <i>Photinus ignitus</i> . <i>Journal of Insect Behavior</i> , 2003 , 16, 361-370	1.1	21
31	Sperm stratification and paternity success in red flour beetles. <i>Physiological Entomology</i> , 2005 , 30, 303-307	3.7	19
30	Vacancy Chains Provide Aggregate Benefits To <i>Coenobita clypeatus</i> Hermit Crabs. <i>Ethology</i> , 2009 , 115, 356-365	1.7	17
29	The femoral setiferous glands of <i>Tribolium castaneum</i> males and production of the pheromone 4,8-dimethyldecanal. <i>Entomologia Experimentalis Et Applicata</i> , 1998 , 89, 313-317	2.1	17
28	Examining the Role of Cuticular Hydrocarbons in Firefly Species Recognition. <i>Ethology</i> , 2008 , 114, 916-924	2.7	14
27	Male reproductive allocation in fireflies (<i>Photinus</i> spp.). <i>Invertebrate Biology</i> , 2007 , 126, 74-80	1	14
26	Sex-specific response to nutrient limitation and its effects on female mating success in a gift-giving butterfly. <i>Evolutionary Ecology</i> , 2013 , 27, 1145-1158	1.8	13
25	Notes on the Life History and Mating Behavior of <i>Ellychnia corrusca</i> (Coleoptera: Lampyridae). <i>Florida Entomologist</i> , 2000 , 83, 324	1	13
24	Multimodal signals: ultraviolet reflectance and chemical cues in stomatopod agonistic encounters. <i>Royal Society Open Science</i> , 2016 , 3, 160329	3.3	13
23	Courtship and Mating in <i>Phausis reticulata</i> (Coleoptera: Lampyridae): Male Flight Behaviors, Female Glow Displays, and Male Attraction to Light Traps. <i>Florida Entomologist</i> , 2014 , 97, 1290-1307	1	12
22	The production and transfer of spermatophores in three Asian species of <i>Luciola</i> fireflies. <i>Journal of Insect Physiology</i> , 2008 , 54, 861-6	2.4	12
21	Nuptial gifts. <i>Current Biology</i> , 2011 , 21, R644-5	6.3	11
20	Mate Recognition and Sex Differences in Cuticular Hydrocarbons of the Diurnal Firefly <i>Ellychnia corrusca</i> (Coleoptera: Lampyridae). <i>Annals of the Entomological Society of America</i> , 2010 , 103, 128-133	2	11
19	Narrow-spectrum artificial light silences female fireflies (Coleoptera: Lampyridae). <i>Insect Conservation and Diversity</i> , 2021 , 14, 199-210	3.8	10
18	Linking the seven forms of rarity to extinction threats and risk factors: an assessment of North American fireflies. <i>Biodiversity and Conservation</i> , 2020 , 29, 57-75	3.4	10
17	Molecular characterization of firefly nuptial gifts: a multi-omics approach sheds light on postcopulatory sexual selection. <i>Scientific Reports</i> , 2016 , 6, 38556	4.9	9

16	Mate Recognition and Sex Differences in Cuticular Hydrocarbons of the Diurnal Firefly <i>Ellychnia corrusca</i> (Coleoptera: Lampyridae). <i>Annals of the Entomological Society of America</i> , 2010 , 103, 128-133	2	8
15	Silent Sparks 2016 ,		8
14	Sexual dimorphism, mating systems, and nuptial gifts in two Asian fireflies (Coleoptera: Lampyridae). <i>Journal of Insect Physiology</i> , 2012 , 58, 1485-92	2.4	6
13	Modeling effects of harvest on firefly population persistence. <i>Ecological Modelling</i> , 2013 , 256, 43-52	3	6
12	The Dark Side of the Light Show: Predators of Fireflies in the Great Smoky Mountains. <i>Psyche: Journal of Entomology</i> , 2012 , 2012, 1-7	0.2	6
11	Distribution, abundance, and habitat characteristics of the congregating firefly, <i>Pteroptyx Olivier</i> (Coleoptera: Lampyridae) in Thailand. <i>Journal of Asia-Pacific Biodiversity</i> , 2020 , 13, 358-366	0.6	4
10	Molecular dissection of nuptial gifts in divergent strains of <i>Ostrinia</i> moths. <i>Physiological Entomology</i> , 2018 , 43, 10-19	1.9	4
9	Linking larval nutrition to adult reproductive traits in the European corn borer <i>Ostrinia nubilalis</i> . <i>Physiological Entomology</i> , 2015 , 40, 309-316	1.9	4
8	Differences in signal contrast and camouflage among different colour variations of a stomatopod crustacean, <i>Neogonodactylus oerstedii</i> . <i>Scientific Reports</i> , 2020 , 10, 1236	4.9	4
7	Assessing Condition-dependence of Male Flash Signals in <i>Photinus</i> Fireflies. <i>Journal of Insect Behavior</i> , 2010 , 23, 215-225	1.1	3
6	Effects of artificial light on growth, development, and dispersal of two North American fireflies (Coleoptera: Lampyridae). <i>Journal of Insect Physiology</i> , 2021 , 130, 104200	2.4	3
5	Firefly tourism: Advancing a global phenomenon toward a brighter future. <i>Conservation Science and Practice</i> , 2021 , 3, e391	2.2	3
4	Evaluating Cryptic Female Choice in Highly Promiscuous <i>Tribolium</i> Beetles 2015 , 431-459		2
3	Fluorescence in Fireflies (Coleoptera: Lampyridae): Using Sentinel Prey to Investigate a Possible Aposematic Signal. <i>Florida Entomologist</i> , 2019 , 102, 614	1	1
2	Evaluating firefly extinction risk: Initial red list assessments for North America. <i>PLoS ONE</i> , 2021 , 16, e0259379	3.7	1
1	Firefly genomes illuminate parallel origins of bioluminescence in beetles		1