

# Leif Engqvist

## List of Publications by Citations

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

58

papers

2,111

citations

21

h-index

45

g-index

59

ext. papers

2,358

ext. citations

3.9

avg, IF

5.48

L-index

#	Paper	IF	Citations
58	The mistreatment of covariate interaction terms in linear model analyses of behavioural and evolutionary ecology studies. <i>Animal Behaviour</i> , <b>2005</b> , 70, 967-971	2.8	516
57	Meta-analysis of variation: ecological and evolutionary applications and beyond. <i>Methods in Ecology and Evolution</i> , <b>2015</b> , 6, 143-152	7.7	128
56	Cryptic male choice: sperm allocation strategies when female quality varies. <i>Journal of Evolutionary Biology</i> , <b>2002</b> , 15, 201-209	2.3	120
55	Strategic male mating effort and cryptic male choice in a scorpionfly. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2001</b> , 268, 729-35	4.4	107
54	The h-index and self-citations. <i>Trends in Ecology and Evolution</i> , <b>2008</b> , 23, 250-2	10.9	96
53	Pitfalls in experiments testing predictions from sperm competition theory. <i>Journal of Evolutionary Biology</i> , <b>2005</b> , 18, 116-23	2.3	81
52	Theoretical influence of female mating status and remating propensity on male sperm allocation patterns. <i>Journal of Evolutionary Biology</i> , <b>2006</b> , 19, 1448-58	2.3	76
51	Determinants of sperm transfer in the scorpionfly <i>Panorpa cognate</i> : male variation, female condition and copulation duration. <i>Journal of Evolutionary Biology</i> , <b>2003</b> , 16, 1196-204	2.3	71
50	Emerging issues in the evolution of animal nuptial gifts. <i>Biology Letters</i> , <b>2014</b> , 10,	3.6	54
49	Influence of Nutrition on Courtship and Mating in the Scorpionfly <i>Panorpa cognata</i> (Mecoptera, Insecta). <i>Ethology</i> , <b>2003</b> , 109, 911-928	1.7	50
48	To eat or not to eat: egg-based assessment of paternity triggers fine-tuned decisions about filial cannibalism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 2627-35	4.4	49
47	Costly plastic morphological responses to predator specific odour cues in three-spined sticklebacks ( <i>Gasterosteus aculeatus</i> ). <i>Evolutionary Ecology</i> , <b>2011</b> , 25, 641-656	1.8	45
46	Adaptive trans-generational phenotypic plasticity and the lack of an experimental control in reciprocal match/mismatch experiments. <i>Methods in Ecology and Evolution</i> , <b>2016</b> , 7, 1482-1488	7.7	44
45	Male attractiveness is negatively genetically associated with investment in copulations. <i>Behavioral Ecology</i> , <b>2011</b> , 22, 345-349	2.3	41
44	The variability is in the sex chromosomes. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 3662-8	3.8	40
43	A life-history perspective on strategic mating effort in male scorpionflies. <i>Behavioral Ecology</i> , <b>2002</b> , 13, 632-636	2.3	40
42	The evolution of genetic and conditional alternative reproductive tactics. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283, 20152945	4.4	36

41	Do female Norway rats form social bonds?. <i>Behavioral Ecology and Sociobiology</i> , <b>2017</b> , 71, 1	2.5	32
40	Sperm transfer and paternity in the scorpionfly <i>Panorpa cognata</i> : large variance in traits favoured by post-copulatory episodes of sexual selection. <i>Evolutionary Ecology</i> , <b>2007</b> , 21, 801-816	1.8	26
39	Nuptial gift consumption influences female remating in a scorpionfly: male or female control of mating rate?. <i>Evolutionary Ecology</i> , <b>2007</b> , 21, 49-61	1.8	25
38	Females benefit from mating with different males in the scorpionfly <i>Panorpa cognata</i> . <i>Behavioral Ecology</i> , <b>2006</b> , 17, 435-440	2.3	23
37	Meiotic drive and evolution of female choice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>1999</b> , 266, 1341-5	4.4	21
36	Phenotypic plasticity in sperm traits in scorpionflies (Mecoptera: Panorpidae): Consequences of larval history and seasonality on sperm length and sperm transfer. <i>European Journal of Entomology</i> , <b>2009</b> , 106, 347-352		20
35	A Paradox of Genetic Variance in Epigamic Traits: Beyond "Good Genes" View of Sexual Selection. <i>Evolutionary Biology</i> , <b>2016</b> , 43, 267-275	3	19
34	Evolution of risk-taking during conspicuous mating displays. <i>Evolution; International Journal of Organic Evolution</i> , <b>2015</b> , 69, 395-406	3.8	19
33	Sex, food and conflicts: nutrition dependent nuptial feeding and pre-mating struggles in scorpionflies. <i>Behavioral Ecology and Sociobiology</i> , <b>2007</b> , 61, 703-710	2.5	19
32	Diversifying evolution of competitiveness. <i>Nature Communications</i> , <b>2014</b> , 5, 5233	17.4	17
31	Sexual signaling under predation: attractive moths take the greater risks. <i>Behavioral Ecology</i> , <b>2014</b> , 25, 409-414	2.3	17
30	Nuptial food gifts influence female egg production in the scorpionfly <i>Panorpa cognata</i> . <i>Ecological Entomology</i> , <b>2007</b> , 32, 327-332	2.1	16
29	Larval food composition affects courtship song and sperm expenditure in a lekking moth. <i>Ecological Entomology</i> , <b>2015</b> , 40, 34-41	2.1	15
28	Male scorpionflies assess the amount of rival sperm transferred by females\previous mates. <i>Evolution; International Journal of Organic Evolution</i> , <b>2007</b> , 61, 1489-94	3.8	15
27	Sperm competition games: optimal sperm allocation in response to the size of competing ejaculates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2007</b> , 274, 209-17	4.4	15
26	Amorous scorpionflies: causes and consequences of the long pairing prelude of <i>Panorpa cognata</i> . <i>Animal Behaviour</i> , <b>2002</b> , 63, 667-675	2.8	15
25	Should I stay or should I go? Condition- and status-dependent courtship decisions in the scorpionfly <i>Panorpa cognata</i> . <i>Animal Behaviour</i> , <b>2009</b> , 78, 491-497	2.8	14
24	Double-blind peer review and gender publication bias. <i>Animal Behaviour</i> , <b>2008</b> , 76, e1-e2	2.8	14

23	A general description of additive and nonadditive elements of sperm competitiveness and their relation to male fertilization success. <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 1396-1405	3.8	13
22	Suboptimal Patch and Plant Choice by an Ovipositing Monophagous Moth: An Insurance against Bad Weather?. <i>Oikos</i> , <b>1996</b> , 77, 301	4	13
21	Female Remating Behavior in a Lekking Moth. <i>Ethology</i> , <b>2014</b> , 120, 662-671	1.7	12
20	Immunosuppression under stress: necessary for condition-dependent signalling?. <i>Trends in Ecology and Evolution</i> , <b>2000</b> , 15, 418-419	10.9	12
19	Task-dependent workload adjustment of female breeders in a cooperatively breeding fish. <i>Behavioral Ecology</i> , <b>2018</b> , 29, 221-229	2.3	11
18	Sex-specific conditional mating preferences in a cichlid fish: implications for sexual conflict. <i>Behavioral Ecology and Sociobiology</i> , <b>2013</b> , 67, 1179-1186	2.5	10
17	Host-associated divergence in sympatric host races of the leaf beetle <i>Lochmaea capreae</i> : implications for local adaptation and reproductive isolation. <i>Biological Journal of the Linnean Society</i> , <b>2015</b> , 116, 169-182	1.9	10
16	Environment-dependent genetic correlations between development time and body mass in a scorpionfly. <i>Zoology</i> , <b>2007</b> , 110, 344-53	1.7	10
15	Ecologically dependent and intrinsic genetic signatures of postzygotic isolation between sympatric host races of the leaf beetle <i>Lochmaea capreae</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 471-9	3.8	9
14	Does systematic variation improve the reproducibility of animal experiments?. <i>Nature Methods</i> , <b>2013</b> , 10, 373	21.6	9
13	Differential sperm expenditure reveals a possible role for post-copulatory sexual selection in a lekking moth. <i>Ecology and Evolution</i> , <b>2013</b> , 3, 503-11	2.8	8
12	Evolutionary modeling predicts a decrease in postcopulatory sperm viability as a response to increasing levels of sperm competition. <i>American Naturalist</i> , <b>2012</b> , 179, 667-77	3.7	8
11	Nuptial feeding in the scorpionfly <i>Panorpa vulgaris</i> : maintenance of genetic variance in sexual advertisement through dependence on condition influencing traits. <i>Evolutionary Ecology</i> , <b>2008</b> , 22, 689-699	1.8	8
10	Genetic variance and genotype reaction norms in response to larval food manipulation for a trait important in scorpionfly sperm competition. <i>Functional Ecology</i> , <b>2007</b> , 22, 070915213639001-???	5.6	7
9	Genetic conflicts, intrinsic male fertility, and ejaculate investment. <i>Evolution; International Journal of Organic Evolution</i> , <b>2012</b> , 66, 2685-96	3.8	6
8	Male birch catkin bugs vary copula duration to invest more in matings with novel females. <i>Animal Behaviour</i> , <b>2015</b> , 109, 161-166	2.8	5
7	Adaptive parental effects and how to estimate them: A comment to Bonduriansky and Crean. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 457-459	7.7	5
6	Genetic architecture underlying host choice differentiation in the sympatric host races of <i>Lochmaea capreae</i> leaf beetles. <i>Genetica</i> , <b>2016</b> , 144, 147-56	1.5	4

5	New insights into the relationship between the h-index and self-citations?. <i>Journal of the Association for Information Science and Technology</i> , <b>2010</b> , 61, 1514-1516		4
4	The evolution of strategic male mating effort in an information transfer framework. <i>Journal of Evolutionary Biology</i> , <b>2017</b> , 30, 1143-1152	2.3	3
3	Strong cryptic prezygotic isolation despite lack of behavioral isolation between sympatric host races of the leaf beetle <i>Lochmaea capreae</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 2889-2898	3.8	3
2	Inaccurate mimicry and predator ecology. <i>Journal of Theoretical Biology</i> , <b>2004</b> , 229, 433-4	2.3	3
1	Nutrition- and sex-dependent utilization of body resources in relation to reproduction in a scorpionfly. <i>Biological Journal of the Linnean Society</i> , <b>2011</b> , 102, 199-207	1.9	2