

Simon P Lailvaux

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,151
citations

257450

24
h-index

233421

45
g-index

59
all docs

59
docs citations

59
times ranked

2014
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance capacity, fighting tactics and the evolution of life-stage male morphs in the green anole lizard (<i>Anolis carolinensis</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2004, 271, 2501-2508.	2.6	226
2	A Species-Level Phylogeny of Extant Snakes with Description of a New Colubrid Subfamily and Genus. <i>PLoS ONE</i> , 2016, 11, e0161070.	2.5	206
3	A functional perspective on sexual selection: insights and future prospects. <i>Animal Behaviour</i> , 2006, 72, 263-273.	1.9	198
4	The Evolution of Performance-Based Male Fighting Ability in Caribbean <i>Anolis</i> Lizards. <i>American Naturalist</i> , 2007, 170, 573-586.	2.1	126
5	The Life History of Whole-Organism Performance. <i>Quarterly Review of Biology</i> , 2014, 89, 285-318.	0.1	118
6	Sex-Based Differences and Similarities in Locomotor Performance, Thermal Preferences, and Escape Behaviour in the Lizard <i>Platysaurus intermedius wilhelmi</i> . <i>Physiological and Biochemical Zoology</i> , 2003, 76, 511-521.	1.5	97
7	Dishonest signalling of fighting ability and multiple performance traits in the fiddler crab <i>Uca mjoebergi</i> . <i>Functional Ecology</i> , 2009, 23, 359-366.	3.6	79
8	Hormones, sexual signals, and performance of green anole lizards (<i>Anolis carolinensis</i>). <i>Hormones and Behavior</i> , 2007, 52, 360-367.	2.1	71
9	Sex differences in nutrient-dependent reproductive ageing. <i>Aging Cell</i> , 2009, 8, 324-330.	6.7	71
10	Defining individual quality over lifetimes and selective contexts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 321-328.	2.6	68
11	Interactive effects of sex and temperature on locomotion in reptiles. <i>Integrative and Comparative Biology</i> , 2007, 47, 189-199.	2.0	61
12	Effects of temperature and sex on jump performance and biomechanics in the lizard <i>Anolis carolinensis</i> . <i>Functional Ecology</i> , 2007, 21, 534-543.	3.6	57
13	Are morphology-performance relationships invariant across different seasons? A test with the green anole lizard (<i>Anolis carolinensis</i>). <i>Oikos</i> , 2006, 114, 49-59.	2.7	43
14	No Evidence for Female Association with High-Performance males in the Green Anole Lizard, <i>Anolis carolinensis</i> . <i>Ethology</i> , 2006, 112, 707-715.	1.1	42
15	Interactions among performance capacities predict male combat outcomes in the field cricket. <i>Functional Ecology</i> , 2010, 24, 159-164.	3.6	40
16	Performance is no proxy for genetic quality: trade-offs between locomotion, attractiveness, and life history in crickets. <i>Ecology</i> , 2010, 91, 1530-1537.	3.2	40
17	Fitness Consequences of Infection by <i>Batrachochytrium dendrobatidis</i> in Northern Leopard Frogs (<i>Lithobates pipiens</i>). <i>EcoHealth</i> , 2013, 10, 90-98.	2.0	37
18	A performance-based cost to honest signalling in male green anole lizards (<i>Anolis</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (caroli</i>	2.6	33

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19	SEXUAL CONFLICT AND THE MAINTENANCE OF MULTIVARIATE GENETIC VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1697-1703.	2.3	31
20	Trait compensation between boldness and the propensity for tail autotomy under different food availabilities in similarly aged brown anole lizards. <i>Functional Ecology</i> , 2015, 29, 385-392.	3.6	31
21	Effects of Salinity on Early Life Stages of the Gulf Coast Toad, <i>Incilius nebulifer</i> (Anura: Bufonidae). <i>Copeia</i> , 2012, 2012, 106-114.	1.3	27
22	To run or hide? Age-dependent escape behaviour in the common flat lizard (<i>Platysaurus intermedius</i>)	1.7	26
23	Display Behavior and Habitat Use in Single and Mixed Populations of <i>Anolis carolinensis</i> and <i>Anolis sagrei</i> Lizards. <i>Ethology</i> , 2012, 118, 494-502.	1.1	25
24	Diet, sex, and death in field crickets. <i>Ecology and Evolution</i> , 2012, 2, 1627-1636.	1.9	24
25	Predicting Life-History Trade-Offs with Whole-Organism Performance. <i>Integrative and Comparative Biology</i> , 2017, 57, 325-332.	2.0	24
26	Do morphological condition indices predict locomotor performance in the lizard <i>Podarcis sicula</i> ?. <i>Acta Oecologica</i> , 2008, 34, 244-251.	1.1	22
27	Hormonal response of male green anole lizards (<i>Anolis carolinensis</i>) to GnRH challenge. <i>Journal of Experimental Zoology</i> , 2009, 311A, 105-114.	1.2	22
28	DIFFERENTIAL AGING OF BITE AND JUMP PERFORMANCE IN VIRGIN AND MATED <i>TELEOGRYLLUS COMMODUS</i> CRICKETS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3138-3147.	2.3	21
29	How Do We Measure the Cost of Whole-Organism Performance Traits?. <i>Integrative and Comparative Biology</i> , 2017, 57, 333-343.	2.0	21
30	Why can't we all just get along? Interspecific aggression in resident and non-resident <i>Podarcis melisellensis</i> lizards. <i>Journal of Zoology</i> , 2012, 288, 207-213.	1.7	18
31	An evolutionary perspective on conflict and compensation in physiological and functional traits. <i>Environmental Epigenetics</i> , 2014, 60, 755-767.	1.8	17
32	Age-specific Forced Polymorphism: Implications of Ontogenetic Changes in Morphology for Male Mating Tactics. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 73-82.	1.5	16
33	SEX-SPECIFIC EVOLUTIONARY POTENTIAL OF PRE- AND POSTCOPULATORY REPRODUCTIVE INTERACTIONS IN THE FIELD CRICKET, <i>TELEOGRYLLUS COMMODUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2013, 67, 1831-1837.	2.3	16
34	TRAIT COMPENSATION AND SEX-SPECIFIC AGING OF PERFORMANCE IN MALE AND FEMALE PROFESSIONAL BASKETBALL PLAYERS. <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, 1523-1532.	2.3	15
35	The incredible shrinking dewlap: signal size, skin elasticity, and mechanical design in the green anole lizard (<i>Anolis carolinensis</i>). <i>Ecology and Evolution</i> , 2015, 5, 4400-4409.	1.9	15
36	Energetic costs of performance in trained and untrained <i>Anolis carolinensis</i> lizards. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	15

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37	Conflict, compensation, and plasticity: Sex-specific, individual-level trade-offs in green anole (<i>Anolis</i>) Tj ETQq1 1 0.784314 rgBT Physiology, 2019, 331, 280-289.	1.9	15
38	Female morphology, web design, and the potential for multiple mating in <i>Nephila clavipes</i> : do fat-bottomed girls make the spider world go round?. <i>Biological Journal of the Linnean Society</i> , 2006, 87, 95-102.	1.6	14
39	Do interspecific interactions between females drive shifts in habitat use? A test using the lizards <i>Anolis carolinensis</i> and <i>A. sagrei</i> . <i>Biological Journal of the Linnean Society</i> , 2013, 110, 843-851.	1.6	14
40	Experimentally enhanced performance decreases survival in nature. <i>Biology Letters</i> , 2019, 15, 20190160.	2.3	13
41	Losing reduces maximum bite performance in house cricket contests. <i>Functional Ecology</i> , 2016, 30, 1660-1664.	3.6	11
42	Conserved and convergent mechanisms underlying performance-life-history trade-offs. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	10
43	Ecological dimorphisms: An introduction to the symposium. <i>Integrative and Comparative Biology</i> , 2007, 47, 169-171.	2.0	9
44	An Individual-Based Simulation Approach to the Evolution of Locomotor Performance. <i>Integrative and Comparative Biology</i> , 2015, 55, icv082.	2.0	9
45	Sprint speed is unaffected by dietary manipulation in trained male <i>Anolis carolinensis</i> lizards. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2020, 333, 164-170.	1.9	8
46	Immune activation affects whole-organism performance in male but not female green anole lizards (<i>Anolis carolinensis</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 895-905.	1.5	7
47	It's Not Easy Being Green: Behavior, Morphology, and Population Structure in Urban and Natural Populations of Green Anole (<i>Anolis carolinensis</i>) Lizards. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	6
48	Maternal and genetic correlations between morphology and physical performance traits in a small captive primate, <i>Microcebus murinus</i> . <i>Biological Journal of the Linnean Society</i> , 2021, 134, 28-39.	1.6	6
49	Water Stress Affects Development Time but Not Takeoff Performance in the Butterfly <i>Pararge aegeria</i> . <i>Physiological and Biochemical Zoology</i> , 2017, 90, 54-62.	1.5	5
50	Sex-specific multivariate morphology/performance relationships in <i>Anolis carolinensis</i> . <i>Journal of Experimental Biology</i> , 2022, , .	1.7	5
51	Expression of insulin-like growth factors depends on both mass and resource availability in female green anoles (<i>Anolis carolinensis</i>). <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	4
52	Maximum performance expression is affected by octopamine and antennae removal in <i>Acheta domesticus</i> . <i>Behavioral Ecology</i> , 2022, 33, 740-744.	2.2	4
53	Size but not relatedness drives the spatial distribution of males within an urban population of <i>Anolis carolinensis</i> lizards. <i>Ecology and Evolution</i> , 2021, 11, 2886-2898.	1.9	3
54	Machine learning accurately predicts the multivariate performance phenotype from morphology in lizards. <i>PLoS ONE</i> , 2022, 17, e0261613.	2.5	3

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55	Introduction to the Symposium: Integrative Life-History of Whole-Organism Performance. <i>Integrative and Comparative Biology</i> , 2017, 57, 320-324.	2.0	2
56	Cystic Calculus in a Laboratory-housed Green Anole (). <i>Comparative Medicine</i> , 2017, 67, 112-115.	1.0	1
57	Octopamine affects courtship call structure in male <i>Acheta domesticus</i> crickets. <i>Hormones and Behavior</i> , 2022, 143, 105191.	2.1	1
58	Sprint training interacts with body mass to affect hepatic insulin-like growth factor expression in female green anoles (<i>Anolis carolinensis</i>). <i>General and Comparative Endocrinology</i> , 2022, 327, 114067.	1.8	1