

Simon P Blomberg

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7689622/simon-p-blomberg-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.

95
papers

10,156
citations

34
h-index

100
g-index

102
ext. papers

12,260
ext. citations

5
avg, IF

6.17
L-index

#	Paper	IF	Citations
95	Picante: R tools for integrating phylogenies and ecology. <i>Bioinformatics</i> , 2010 , 26, 1463-4	7.2	3021
94	Testing for phylogenetic signal in comparative data: behavioral traits are more labile. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 717-45	3.8	2956
93	Tempo and mode in evolution: phylogenetic inertia, adaptation and comparative methods. <i>Journal of Evolutionary Biology</i> , 2002 , 15, 899-910	2.3	521
92	TESTING FOR PHYLOGENETIC SIGNAL IN COMPARATIVE DATA: BEHAVIORAL TRAITS ARE MORE LABILE. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 717	3.8	222
91	Accumulation and partitioning of heavy metals in mangroves: a synthesis of field-based studies. <i>Chemosphere</i> , 2007 , 69, 1454-64	8.4	191
90	Natural selection and quantitative genetics of life-history traits in Western women: a twin study. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 423-35	3.8	186
89	A Primer on Phylogenetic Generalised Least Squares 2014 , 105-130		179
88	Extrinsic versus intrinsic factors in the decline and extinction of Australian marsupials. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003 , 270, 1801-8	4.4	176
87	Fast-slow continuum and reproductive strategies structure plant life-history variation worldwide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 230-5	11.5	167
86	Post-mating sexual selection increases lifetime fitness of polyandrous females in the wild. <i>Nature</i> , 2006 , 444, 89-92	50.4	159
85	Causes and consequences of variation in plant population growth rate: a synthesis of matrix population models in a phylogenetic context. <i>Ecology Letters</i> , 2010 , 13, 1182-97	10	145
84	Ultraviolet signals ultra-aggression in a lizard. <i>Animal Behaviour</i> , 2006 , 72, 353-363	2.8	136
83	Litter Decomposition in Temperate Peatland Ecosystems: The Effect of Substrate and Site. <i>Ecosystems</i> , 2007 , 10, 949-963	3.9	131
82	The current decline of tropical marsupials in Australia: is history repeating?. <i>Global Ecology and Biogeography</i> , 2014 , 23, 181-190	6.1	97
81	Long-term effects of the cleaner fish <i>Labroides dimidiatus</i> on coral reef fish communities. <i>PLoS ONE</i> , 2011 , 6, e21201	3.7	88
80	Morphometric and ultrastructural comparison of the olfactory system in elasmobranchs: the significance of structure-function relationships based on phylogeny and ecology. <i>Journal of Morphology</i> , 2008 , 269, 1365-86	1.6	84
79	Functional Richness and Relative Resilience of Bird Communities in Regions with Different Land Use Intensities. <i>Ecosystems</i> , 2007 , 10, 964-974	3.9	75

78	Morphological shifts in island-dwelling birds: the roles of generalist foraging and niche expansion. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 2147-56	3.8	72
77	Independent contrasts and PGLS regression estimators are equivalent. <i>Systematic Biology</i> , 2012 , 61, 3828-34	3.4	70
76	Bayesian models for comparative analysis integrating phylogenetic uncertainty. <i>BMC Evolutionary Biology</i> , 2012 , 12, 102	3	68
75	Sperm competition drives the evolution of suicidal reproduction in mammals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 17910-4	11.5	66
74	Blue and yellow signal cleaning behavior in coral reef fishes. <i>Current Biology</i> , 2009 , 19, 1283-7	6.3	59
73	Phylogenetic correlates of extinction risk in mammals: species in older lineages are not at greater risk. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131092	4.4	58
72	Correlates of rediscovery and the detectability of extinction in mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 1090-7	4.4	54
71	Convergent maternal care strategies in ungulates and macropods. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 167-76	3.8	54
70	Dispersal capacity predicts both population genetic structure and species richness in reef fishes. <i>American Naturalist</i> , 2014 , 184, 52-64	3.7	52
69	Nitrogen and phosphorus additions negatively affect tree species diversity in tropical forest regrowth trajectories. <i>Ecology</i> , 2010 , 91, 2121-31	4.6	50
68	Empirical tests of life-history evolution theory using phylogenetic analysis of plant demography. <i>Journal of Ecology</i> , 2010 , 98, 334-344	6	47
67	POPULATION DYNAMICS AND SURVIVAL OF AN ENDANGERED WALLABY: A COMPARISON OF FOUR METHODS 2000 , 10, 901-910		45
66	Global gene flow releases invasive plants from environmental constraints on genetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 4218-4227	11.5	43
65	Size-based predation by kookaburras (<i>Dacelo novaeguineae</i>) on lizards (<i>Eulamprus tympanum</i> : Scincidae): what determines prey vulnerability?. <i>Behavioral Ecology and Sociobiology</i> , 2000 , 48, 484-489	2.5	37
64	Homosexual behaviour in birds: frequency of expression is related to parental care disparity between the sexes. <i>Animal Behaviour</i> , 2010 , 80, 375-390	2.8	36
63	The effect of social facilitation on vigilance in the eastern gray kangaroo, <i>Macropus giganteus</i> . <i>Behavioral Ecology</i> , 2009 , 20, 469-477	2.3	34
62	Same-sex sexual behavior in birds: expression is related to social mating system and state of development at hatching. <i>Behavioral Ecology</i> , 2007 , 18, 21-33	2.3	34
61	Costs of reproduction and terminal investment by females in a semelparous marsupial. <i>PLoS ONE</i> , 2011 , 6, e15226	3.7	34

60	Maternal effects and warning signal honesty in eggs and offspring of an aposematic ladybird beetle. <i>Functional Ecology</i> , 2014 , 28, 1187-1196	5.6	27
59	Quantum-like non-separability of concept combinations, emergent associates and abduction. <i>Logic Journal of the IGPL</i> , 2012 , 20, 445-457	1	25
58	Correlates of Recent Declines of Rodents in Northern and Southern Australia: Habitat Structure Is Critical. <i>PLoS ONE</i> , 2015 , 10, e0130626	3.7	25
57	Within-population differences in personality and plasticity in the trade-off between vigilance and foraging in kangaroos. <i>Animal Behaviour</i> , 2014 , 92, 175-184	2.8	24
56	Dengue virus infection alters post-transcriptional modification of microRNAs in the mosquito vector <i>Aedes aegypti</i> . <i>Scientific Reports</i> , 2015 , 5, 15968	4.9	24
55	The evolution of relative brain size in marsupials is energetically constrained but not driven by behavioral complexity. <i>Brain, Behavior and Evolution</i> , 2015 , 85, 125-35	1.5	24
54	A novel approach for global mammal extinction risk reduction. <i>Conservation Letters</i> , 2012 , 5, 134-141	6.9	23
53	Strategic (adaptive) hypothermia in bull dromedary camels during rut; could it increase reproductive success?. <i>Biology Letters</i> , 2009 , 5, 853-6	3.6	22
52	Mechanisms of drought-induced population decline in an endangered wallaby. <i>Biological Conservation</i> , 2001 , 102, 107-115	6.2	22
51	Beyond Brownian Motion and the Ornstein-Uhlenbeck Process: Stochastic Diffusion Models for the Evolution of Quantitative Characters. <i>American Naturalist</i> , 2020 , 195, 145-165	3.7	21
50	Size-related mortality due to gnathiid isopod micropredation correlates with settlement size in coral reef fishes. <i>Coral Reefs</i> , 2017 , 36, 549-559	4.2	20
49	Conspicuous visual signals do not coevolve with increased body size in marine sea slugs. <i>Journal of Evolutionary Biology</i> , 2014 , 27, 676-87	2.3	20
48	How unpredictable is the individual scanning process in socially foraging mammals?. <i>Behavioral Ecology and Sociobiology</i> , 2010 , 64, 443-454	2.5	20
47	Individual traits influence vigilance in wild female eastern grey kangaroos. <i>Australian Journal of Zoology</i> , 2013 , 61, 332	0.5	19
46	Shy female kangaroos seek safety in numbers and have fewer preferred friendships. <i>Behavioral Ecology</i> , 2015 , 26, 639-646	2.3	18
45	Factors driving the variability in diving and movement behavior of migrating humpback whales (<i>Megaptera novaeangliae</i>): Implications for anthropogenic disturbance studies. <i>Marine Mammal Science</i> , 2017 , 33, 413-439	1.9	18
44	Evidence for the functions of surface-active behaviors in humpback whales (<i>Megaptera novaeangliae</i>). <i>Marine Mammal Science</i> , 2017 , 33, 313-334	1.9	17
43	Thermal ecology and structural habitat use of two sympatric lizards (<i>Carlia vivax</i> and <i>Lygisaurus foliorum</i>) in subtropical Australia. <i>Austral Ecology</i> , 2002 , 27, 616-623	1.5	17

42	Effect of a control burn on lizards and their structural environment in a eucalypt open-forest. <i>Wildlife Research</i> , 2002 , 29, 447	1.8	17
41	Genus-wide variation in foliar polyphenolics in eucalypts. <i>Phytochemistry</i> , 2017 , 144, 197-207	4	16
40	Chemical mediation of reciprocal mother-offspring recognition in the Southern Water Skink (<i>Eulamprus heatwolei</i>). <i>Austral Ecology</i> , 2008 , 33, 20-28	1.5	16
39	Changes in local free-living parasite populations in response to cleaner manipulation over 12 years. <i>Oecologia</i> , 2019 , 190, 783-797	2.9	15
38	The effects of parasites on the early life stages of a damselfish. <i>Coral Reefs</i> , 2012 , 31, 1065-1075	4.2	15
37	Extinct or still out there? Disentangling influences on extinction and rediscovery helps to clarify the fate of species on the edge. <i>Global Change Biology</i> , 2017 , 23, 621-634	11.4	14
36	Inferring extinction of mammals from sighting records, threats, and biological traits. <i>Conservation Biology</i> , 2012 , 26, 57-67	6	14
35	NATURAL SELECTION AND QUANTITATIVE GENETICS OF LIFE-HISTORY TRAITS IN WESTERN WOMEN: A TWIN STUDY. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 423	3.8	13
34	Assessing the vulnerability of an assemblage of subtropical rainforest vertebrate species to climate change in south-east Queensland. <i>Austral Ecology</i> , 2013 , 38, 465-475	1.5	12
33	Population Genetic Diversity in the Australian 'Seascape': A Bioregion Approach. <i>PLoS ONE</i> , 2015 , 10, e0136275	3.7	12
32	Transcending data gaps: a framework to reduce inferential errors in ecological analyses. <i>Ecology Letters</i> , 2018 , 21, 1200-1210	10	12
31	Cleaning up the biogeography of <i>Labroides dimidiatus</i> using phylogenetics and morphometrics. <i>Coral Reefs</i> , 2014 , 33, 223-233	4.2	11
30	Toe-bud clipping of juvenile small marsupials for ecological field research: No detectable negative effects on growth or survival. <i>Austral Ecology</i> , 2009 , 34, 858-865	1.5	11
29	Modelling life history strategies with capture-recapture data: Evolutionary demography of the water skink <i>Eulamprus tympanum</i> . <i>Austral Ecology</i> , 2001 , 26, 349-359	1.5	11
28	Detrimental influence on performance of high temperature incubation in a tropical reptile: is cooler better in the tropics?. <i>Oecologia</i> , 2013 , 171, 83-91	2.9	10
27	Non-bicarbonate intracellular pH buffering of reptilian muscle. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1991 , 161, 101-107	2.2	10
26	Longevity, body dimension and reproductive mode drive differences in aquatic versus terrestrial life-history strategies. <i>Functional Ecology</i> , 2020 , 34, 1613-1625	5.6	10
25	Manganese accumulates in the brain of northern quolls (<i>Dasyurus hallucatus</i>) living near an active mine. <i>Environmental Pollution</i> , 2018 , 233, 377-386	9.3	9

24	Ecological associations among epidermal microstructure and scale characteristics of Australian geckos (Squamata: Carphodactylidae and Diplodactylidae). <i>Journal of Anatomy</i> , 2019 , 234, 853-874	2.9	7
23	Differential expression of neuropeptides correlates with growth rate in cultivated <i>Haliotis asinina</i> (Vetigastropoda: Mollusca). <i>Aquaculture</i> , 2012 , 334-337, 159-168	4.4	7
22	Individual variation in vigilance in female eastern grey kangaroos. <i>Australian Journal of Zoology</i> , 2013 , 61, 312	0.5	7
21	Mule deer spatial association patterns and potential implications for transmission of an epizootic disease. <i>PLoS ONE</i> , 2017 , 12, e0175385	3.7	7
20	Skin hydrophobicity as an adaptation for self-cleaning in geckos. <i>Ecology and Evolution</i> , 2020 , 10, 4640-4651	6.8	5
19	Factors Affecting the Reliability and Validity of Behavioural Datasets: Assessing the Impact of Observers [Experience and Native Language on Studies of Wild Animals. <i>Aquatic Mammals</i> , 2016 , 42, 1-11	3.1	5
18	Understanding repeatability and plasticity in multiple dimensions of the sociability of wild female kangaroos. <i>Animal Behaviour</i> , 2017 , 126, 3-16	2.8	4
17	MORPHOLOGICAL SHIFTS IN ISLAND-DWELLING BIRDS: THE ROLES OF GENERALIST FORAGING AND NICHE EXPANSION. <i>Evolution; International Journal of Organic Evolution</i> , 2003 , 57, 2147	3.8	4
16	Fels-Rand: an Xlisp-Stat program for the comparative analysis of data under phylogenetic uncertainty. <i>Bioinformatics</i> , 2000 , 16, 1010-3	7.2	4
15	Skull shape of a widely distributed, endangered marsupial reveals little evidence of local adaptation between fragmented populations. <i>Ecology and Evolution</i> , 2020 , 10, 9707-9720	2.8	4
14	Higher sociability leads to lower reproductive success in female kangaroos. <i>Royal Society Open Science</i> , 2020 , 7, 200950	3.3	4
13	Population dynamics of feral horses (<i>Equus caballus</i>) in an exotic coniferous plantation in Australia. <i>Wildlife Research</i> , 2016 , 43, 358	1.8	4
12	Inclusive science: ditch insensitive terminology. <i>Nature</i> , 2020 , 580, 185	50.4	3
11	Beyond Brownian motion and the Ornstein-Uhlenbeck process: Stochastic diffusion models for the evolution of quantitative characters		3
10	Testing hypotheses of marsupial brain size variation using phylogenetic multiple imputations and a Bayesian comparative framework. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20210394	4.4	3
9	Parasites of coral reef fish larvae: its role in the pelagic larval stage. <i>Coral Reefs</i> , 2019 , 38, 199-214	4.2	2
8	Response to commentary by Woinarski (Critical-weight-range marsupials in northern Australia are declining: a commentary on Fisher et al. (2014) 'The current decline of tropical marsupials in Australia: is history repeating?'). <i>Global Ecology and Biogeography</i> , 2015 , 24, 123-125	6.1	2
7	Does Testis Size in Cuckoos Vary with Paternal Care?. <i>Auk</i> , 2009 , 126, 24-30	2.1	2

6	Interaction between plate make and protein in protein crystallisation screening. <i>PLoS ONE</i> , 2009 , 4, e78517	2
5	Estimating distribution and abundance of feral horses (<i>Equus caballus</i>) in a coniferous plantation in Australia, using line-transect surveys of dung. <i>Wildlife Research</i> , 2016 , 43, 604	1.8 2
4	Three methods to measure parasite aggregation using examples from Australian fish parasites. <i>Methods in Ecology and Evolution</i> , 2021 , 12, 1999	7.7 0
3	CONVERGENT MATERNAL CARE STRATEGIES IN UNGULATES AND MACROPODS. <i>Evolution; International Journal of Organic Evolution</i> , 2002 , 56, 167	3.8
2	The high intracellular ph buffering of hagfish (<i>Eptatretus cirrhatus</i>) dental plate retractor muscle cannot be attributed to the known histidine-related compounds present in other vertebrates. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1991 , 100, 731-734	
1	Modelling life history strategies with capture-recapture data: Evolutionary demography of the water skink <i>Eulamprus tympanum</i> . <i>Austral Ecology</i> , 26, 349-359	1.5