

# Lewis G Spurgin

## 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.

37  
papers

1,417  
citations

16  
h-index

37  
g-index

39  
ext. papers

1,810  
ext. citations

8.5  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
37	How pathogens drive genetic diversity: MHC, mechanisms and misunderstandings. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2010</b> , 277, 979-88	4.4	485
36	Sexual selection protects against extinction. <i>Nature</i> , <b>2015</b> , 522, 470-3	50.4	107
35	Recent natural selection causes adaptive evolution of an avian polygenic trait. <i>Science</i> , <b>2017</b> , 358, 365-368	39.3	101
34	Using a real-world network to model localized COVID-19 control strategies. <i>Nature Medicine</i> , <b>2020</b> , 26, 1616-1622	50.5	97
33	Genetic and phenotypic divergence in an island bird: isolation by distance, by colonization or by adaptation?. <i>Molecular Ecology</i> , <b>2014</b> , 23, 1028-39	5.7	73
32	Gene conversion rapidly generates major histocompatibility complex diversity in recently founded bird populations. <i>Molecular Ecology</i> , <b>2011</b> , 20, 5213-25	5.7	71
31	Spatio-temporal variation in lifelong telomere dynamics in a long-term ecological study. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 187-198	4.7	50
30	Museum DNA reveals the demographic history of the endangered Seychelles warbler. <i>Evolutionary Applications</i> , <b>2014</b> , 7, 1134-43	4.8	43
29	Biogeographical patterns and co-occurrence of pathogenic infection across island populations of Berthelot's pipit ( <i>Anthus berthelotii</i> ). <i>Oecologia</i> , <b>2012</b> , 168, 691-701	2.9	40
28	Senescence in the wild: Insights from a long-term study on Seychelles warblers. <i>Experimental Gerontology</i> , <b>2015</b> , 71, 69-79	4.5	39
27	What are We Learning about Speciation and Extinction from the Canary Islands?. <i>Ardeola</i> , <b>2016</b> , 63, 15	1.1	35
26	Breeders that receive help age more slowly in a cooperatively breeding bird. <i>Nature Communications</i> , <b>2019</b> , 10, 1301	17.4	34
25	Telomere length reveals cumulative individual and transgenerational inbreeding effects in a passerine bird. <i>Molecular Ecology</i> , <b>2016</b> , 25, 2949-60	5.7	33
24	Drift, not selection, shapes toll-like receptor variation among oceanic island populations. <i>Molecular Ecology</i> , <b>2015</b> , 24, 5852-63	5.7	33
23	Pre- and postcopulatory sexual selection favor aggressive, young males in polyandrous groups of red junglefowl. <i>Evolution; International Journal of Organic Evolution</i> , <b>2017</b> , 71, 1653-1669	3.8	29
22	Kinship and familiarity mitigate costs of social conflict between Seychelles warbler neighbors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E9036-E9045	11.5	20
21	Genomic associations with bill length and disease reveal drift and selection across island bird populations. <i>Evolution Letters</i> , <b>2018</b> , 2, 22-36	5.3	14

20	Combining fine-scale social contact data with epidemic modelling reveals interactions between contact tracing, quarantine, testing and physical distancing for controlling COVID-19		14
19	454 screening of individual MHC variation in an endemic island passerine. <i>Immunogenetics</i> , <b>2015</b> , 67, 149-62	3.2	13
18	Landscape-scale variation in an anthropogenic factor shapes immune gene variation within a wild population. <i>Molecular Ecology</i> , <b>2016</b> , 25, 4234-46	5.7	13
17	Telomere heritability and parental age at conception effects in a wild avian population. <i>Molecular Ecology</i> , <b>2021</b> ,	5.7	11
16	Genetic pest management and the background genetics of release strains. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20190805	5.8	8
15	Differential female sociality is linked with the fine-scale structure of sexual interactions in replicate groups of red junglefowl. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20191734	4.4	7
14	Tribolium beetles as a model system in evolution and ecology. <i>Heredity</i> , <b>2021</b> , 126, 869-883	3.6	7
13	Lineages evolved under stronger sexual selection show superior ability to invade conspecific competitor populations. <i>Evolution Letters</i> , <b>2018</b> , 2, 511-523	5.3	7
12	The Genomic Complexity of a Large Inversion in Great Tits. <i>Genome Biology and Evolution</i> , <b>2019</b> , 11, 1870-1881	5.1	6
11	The great tit HapMap project: a continental-scale analysis of genomic variation in a songbird		6
10	Comment on Gohli et al. (2013): "Does promiscuity explain differences in levels of genetic diversity across passerine birds?". <i>Evolution; International Journal of Organic Evolution</i> , <b>2013</b> , 67, 3071-2	3.8	5
9	Joint care can outweigh costs of nonkin competition in communal breeders. <i>Behavioral Ecology</i> , <b>2018</b> , 29, 169-178	2.3	4
8	Polyandry provides reproductive and genetic benefits in colonising populations. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 10851-10857	2.8	3
7	Temporal dynamics of competitive fertilization in social groups of red junglefowl () shed new light on avian sperm competition. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 375, 20200081	5.8	3
6	Using high-resolution contact networks to evaluate SARS-CoV-2 transmission and control in large-scale multi-day events		2
5	Conservation: The Costs of Inbreeding and of Being Inbred. <i>Current Biology</i> , <b>2019</b> , 29, R796-R798	6.3	1
4	Adaptive landscape genetics and malaria across divergent island bird populations. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 12482-12502	2.8	1
3	Genomic variation, population history and within-archipelago adaptation between island bird populations. <i>Royal Society Open Science</i> , <b>2021</b> , 8, 201146	3.3	1

- 2 Using high-resolution contact networks to evaluate SARS-CoV-2 transmission and control in large-scale multi-day events.. *Nature Communications*, **2022**, 13, 1956 17.4 1
- 1 Response to Perrier and Charmantier: On the importance of time scales when studying adaptive evolution. *Evolution Letters*, **2019**, 3, 248-253 53