

# Rebecca J Safran

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4675377/rebecca-j-safran-publications-by-citations.pdf>

**Version:** 2024-04-28

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.

76  
papers

2,534  
citations

29  
h-index

49  
g-index

82  
ext. papers

3,175  
ext. citations

4.8  
avg, IF

5.23  
L-index

#	Paper	IF	Citations
76	Evolutionary divergence in acoustic signals: causes and consequences. <i>Trends in Ecology and Evolution</i> , <b>2013</b> , 28, 156-66	10.9	286
75	Vertebrate pigmentation: from underlying genes to adaptive function. <i>Trends in Genetics</i> , <b>2010</b> , 26, 231-8.5	8.5	275
74	Contributions of natural and sexual selection to the evolution of pre-mating reproductive isolation: a research agenda. <i>Trends in Ecology and Evolution</i> , <b>2013</b> , 28, 643-50	10.9	133
73	Sexual selection accelerates signal evolution during speciation in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2013</b> , 280, 20131065	4.4	133
72	Mechanisms of Assortative Mating in Speciation with Gene Flow: Connecting Theory and Empirical Research. <i>American Naturalist</i> , <b>2018</b> , 191, 1-20	3.7	102
71	Sexual signal exaggeration affects physiological state in male barn swallows. <i>Current Biology</i> , <b>2008</b> , 18, R461-2	6.3	101
70	Transitions between phases of genomic differentiation during stick-insect speciation. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 82	12.3	91
69	You Can't Judge a Pigment by its Color: Carotenoid and Melanin Content of Yellow and Brown Feathers in Swallows, Bluebirds, Penguins, and Domestic Chickens. <i>Condor</i> , <b>2004</b> , 106, 390-395	2.1	73
68	Stress and success: individual differences in the glucocorticoid stress response predict behavior and reproductive success under high predation risk. <i>Hormones and Behavior</i> , <b>2014</b> , 66, 812-9	3.7	64
67	The rate of telomere loss is related to maximum lifespan in birds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 373,	5.8	63
66	An experimental analysis of the heritability of variation in glucocorticoid concentrations in a wild avian population. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281,	4.4	63
65	Environmental harshness is positively correlated with intraspecific divergence in mammals and birds. <i>Molecular Ecology</i> , <b>2014</b> , 23, 259-68	5.7	61
64	Variation in the temporal and spatial use of signals and its implications for multimodal communication. <i>Behavioral Ecology and Sociobiology</i> , <b>2013</b> , 67, 1499-1511	2.5	56
63	Are yolk androgens and carotenoids in barn swallow eggs related to parental quality?. <i>Behavioral Ecology and Sociobiology</i> , <b>2008</b> , 62, 427-438	2.5	52
62	How acoustic signals scale with individual body size: common trends across diverse taxa. <i>Behavioral Ecology</i> , <b>2015</b> , 26, 168-177	2.3	44
61	The role of ecology in speciation by sexual selection: a systematic empirical review. <i>Journal of Heredity</i> , <b>2014</b> , 105 Suppl 1, 782-94	2.4	44
60	European barn swallows use melanin pigments to color their feathers brown. <i>Behavioral Ecology</i> , <b>2004</b> , 15, 889-891	2.3	44

59	Geographic variation in sexual selection and implications for speciation in the Barn Swallow. <i>Avian Research</i> , <b>2014</b> , 5,	2	41
58	Phylogeny of the genus <i>Hirundo</i> and the Barn Swallow subspecies complex. <i>Molecular Phylogenetics and Evolution</i> , <b>2010</b> , 56, 409-18	4.1	41
57	Multiple sexual signals and behavioral reproductive isolation in a diverging population. <i>American Naturalist</i> , <b>2013</b> , 182, 514-23	3.7	37
56	Multimodal signalling in the North American barn swallow: a phenotype network approach. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20151574	4.4	34
55	Genome-wide differentiation in closely related populations: the roles of selection and geographic isolation. <i>Molecular Ecology</i> , <b>2016</b> , 25, 3865-83	5.7	33
54	Stress response, gut microbial diversity and sexual signals correlate with social interactions. <i>Biology Letters</i> , <b>2016</b> , 12,	3.6	33
53	An integrative view of the signaling phenotype: Dynamic links between signals, physiology, behavior and social context. <i>Environmental Epigenetics</i> , <b>2014</b> , 60, 739-754	2.4	32
52	Genomic variation across two barn swallow hybrid zones reveals traits associated with divergence in sympatry and allopatry. <i>Molecular Ecology</i> , <b>2017</b> , 26, 5676-5691	5.7	31
51	Cognitive Phenotypes and the Evolution of Animal Decisions. <i>Trends in Ecology and Evolution</i> , <b>2016</b> , 31, 850-859	10.9	31
50	Female plumage colour influences seasonal oxidative damage and testosterone profiles in a songbird. <i>Biology Letters</i> , <b>2013</b> , 9, 20130539	3.6	30
49	Positive carotenoid balance correlates with greater reproductive performance in a wild bird. <i>PLoS ONE</i> , <b>2010</b> , 5, e9420	3.7	29
48	Male tail streamer length does not predict apparent or genetic reproductive success in North American barn swallows <i>Hirundo rustica erythrogastrer</i> . <i>Journal of Avian Biology</i> , <b>2007</b> , 38, 28-36	1.9	29
47	Signaling stress? An analysis of phaeomelanin-based plumage color and individual corticosterone levels at two temporal scales in North American barn swallows, <i>Hirundo rustica erythrogastrer</i> . <i>Hormones and Behavior</i> , <b>2013</b> , 64, 665-72	3.7	28
46	The maintenance of phenotypic divergence through sexual selection: An experimental study in barn swallows <i>Hirundo rustica</i> . <i>Evolution; International Journal of Organic Evolution</i> , <b>2016</b> , 70, 2074-84	3.8	28
45	Quantitative genetics of plumage color: lifetime effects of early nest environment on a colorful sexual signal. <i>Ecology and Evolution</i> , <b>2015</b> , 5, 3436-49	2.8	27
44	The Role of Seasonal Migration in Population Divergence and Reproductive Isolation. <i>Trends in Ecology and Evolution</i> , <b>2018</b> , 33, 164-175	10.9	25
43	Population genetics and morphological comparisons of migratory European ( <i>Hirundo rustica rustica</i> ) and sedentary East-Mediterranean ( <i>Hirundo rustica transitiva</i> ) barn swallows. <i>Journal of Heredity</i> , <b>2012</b> , 103, 55-63	2.4	24
42	A robust new metric of phenotypic distance to estimate and compare multiple trait differences among populations. <i>Environmental Epigenetics</i> , <b>2012</b> , 58, 426-439	2.4	24

41	Performance of Encounternet Tags: Field Tests of Miniaturized Proximity Loggers for Use on Small Birds. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137242	3.7	24
40	Effects of assortative mate choice on the genomic and morphological structure of a hybrid zone between two bird subspecies. <i>Molecular Ecology</i> , <b>2017</b> , 26, 6430-6444	5.7	23
39	Transitions from Single- to Multi-Locus Processes during Speciation with Gene Flow. <i>Genes</i> , <b>2018</b> , 9,	4.2	18
38	Demographic inference in barn swallows using whole-genome data shows signal for bottleneck and subspecies differentiation during the Holocene. <i>Molecular Ecology</i> , <b>2018</b> , 27, 4200-4212	5.7	17
37	Settlement patterns of female barn swallows <i>Hirundo rustica</i> across different group sizes: access to colorful males or favored nests?. <i>Behavioral Ecology and Sociobiology</i> , <b>2007</b> , 61, 1359-1368	2.5	14
36	An experimental test of the effect of brood size on glucocorticoid responses, parental investment, and offspring phenotype. <i>General and Comparative Endocrinology</i> , <b>2017</b> , 247, 97-106	3	13
35	Endless forms of sexual selection. <i>PeerJ</i> , <b>2019</b> , 7, e7988	3.1	13
34	Conceptual Revision and Synthesis of Proximate Factors Associated with Age-Related Improvement in Reproduction. <i>Ethology</i> , <b>2014</b> , 120, 411-426	1.7	12
33	Population Genetics of a Recent Transcontinental Colonization of South America by Breeding Barn Swallows ( <i>Hirundo rustica</i> ). <i>Auk</i> , <b>2011</b> , 128, 506-513	2.1	12
32	Global song divergence in barn swallows ( <i>Hirundo rustica</i> ): exploring the roles of genetic, geographical and climatic distance in sympatry and allopatry. <i>Biological Journal of the Linnean Society</i> , <b>2018</b> , 123, 825-849	1.9	11
31	Rapid speciation via the evolution of pre-mating isolation in the Iberian Seed-eater. <i>Science</i> , <b>2021</b> , 371,	33.3	11
30	Evolutionary biology: arms races in the eye of the beholder. <i>Current Biology</i> , <b>2008</b> , 18, R734-R736	6.3	10
29	A biologist's guide to model selection and causal inference. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20202815	4.4	10
28	Microclimate and host body condition influence mite population growth in a wild bird-ectoparasite system. <i>International Journal for Parasitology: Parasites and Wildlife</i> , <b>2018</b> , 7, 301-308	2.6	9
27	Migratory divides coincide with reproductive barriers across replicated avian hybrid zones above the Tibetan Plateau. <i>Ecology Letters</i> , <b>2020</b> , 23, 231-241	10	9
26	Theory Meets Empiry: A Citation Network Analysis. <i>BioScience</i> , <b>2018</b> , 68, 805-812	5.7	8
25	Signal Traits and Oxidative Stress: A Comparative Study across Populations with Divergent Signals. <i>Frontiers in Ecology and Evolution</i> , <b>2016</b> , 4,	3.7	8
24	Quantitative color variation within and across morphs of the polymorphic White-throated Sparrow. <i>Auk</i> , <b>2015</b> , 132, 92-104	2.1	7

23	Unifying Theoretical and Empirical Perspectives on Genomic Differentiation. <i>Trends in Ecology and Evolution</i> , <b>2019</b> , 34, 987-995	10.9	7
22	Expression of multiple sexual signals by fathers and sons in the East-Mediterranean barn swallow: are advertising strategies heritable?. <i>PLoS ONE</i> , <b>2015</b> , 10, e0118054	3.7	7
21	Analysis of female song provides insight into the evolution of sex differences in a widely studied songbird. <i>Animal Behaviour</i> , <b>2020</b> , 168, 69-82	2.8	6
20	Experimental manipulation of a signal trait reveals complex phenotype-behaviour coordination. <i>Scientific Reports</i> , <b>2018</b> , 8, 15533	4.9	6
19	Ventral colour, not tail streamer length, is associated with seasonal reproductive performance in a Chinese population of Barn Swallows ( <i>Hirundo rustica gutturalis</i> ). <i>Journal of Ornithology</i> , <b>2018</b> , 159, 675-685	1.5	5
18	Comparative analysis reveals migratory swallows (Hirundinidae) have less pointed wings than residents. <i>Biological Journal of the Linnean Society</i> , <b>2016</b> ,	1.9	4
17	The importance of cross-validation, accuracy, and precision for measuring plumage color: A comment on Vaquero-Alba et al. (2016). <i>Auk</i> , <b>2017</b> , 134, 34-38	2.1	4
16	Divergent sexual signals reflect costs of local parasites. <i>Evolution; International Journal of Organic Evolution</i> , <b>2020</b> , 74, 2404-2418	3.8	3
15	Analysing phenotypic variation in barn swallows ( <i>Hirundo rustica</i> ) across China to assess subspecies status. <i>Biological Journal of the Linnean Society</i> , <b>2020</b> , 131, 319-331	1.9	3
14	Selection on multiple sexual signals in two Central and Eastern European populations of the barn swallow. <i>Ecology and Evolution</i> , <b>2019</b> , 9, 11277-11287	2.8	3
13	Predictors and consequences of nest-switching behavior in Barn Swallows ( <i>Hirundo rustica erythrogaster</i> ) Predictores y consecuencias del comportamiento de cambio de nido en <i>Hirundo rustica erythrogaster</i> Nest-switching behavior of Barn Swallows. <i>Auk</i> , <b>2018</b> , 135, 181-191	2.1	2
12	Evolutionary Genetics: Small Genomic Regions Make a Big Impact. <i>Current Biology</i> , <b>2016</b> , 26, R1155-R1157	3	2
11	Analysis of female song provides insight into the evolution of sex differences in a widely studied songbird		2
10	Speciation by sexual selection: 20 years of progress. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 1153-1163	10.9	2
9	Using Networks to Connect Individual-Level Reproductive Behavior to Population Patterns. <i>Trends in Ecology and Evolution</i> , <b>2019</b> , 34, 497-501	10.9	1
8	The impact of urbanization on body size of Barn Swallows. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 612-625	2.8	1
7	Belonging in STEM: an interactive, iterative approach to create and maintain a diverse learning community. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 964-967	10.9	1
6	Sensitive periods during the development and expression of vertebrate sexual signals: A systematic review. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 14416-14432	2.8	0

5	Complete mitochondrial genomes provide current refined phylogenomic hypotheses for relationships among ten species. <i>Mitochondrial DNA Part B: Resources</i> , <b>2020</b> , 5, 2881-2885	0.5	○
4	Different underlying mechanisms drive associations between multiple parasites and the same sexual signal. <i>Animal Behaviour</i> , <b>2021</b> , 172, 183-196	2.8	○
3	Sex-linked genetic diversity and differentiation in a globally distributed avian species complex. <i>Molecular Ecology</i> , <b>2021</b> , 30, 2313-2332	5.7	○
2	Lack of subspecies-recognition in breeding Barn Swallows ( <i>Hirundo rustica transitiva</i> ). <i>Behavioural Processes</i> , <b>2021</b> , 189, 104422	1.6	○
1	The Sexual and Social Behavior of the Barn Swallow <b>2019</b> , 173-180		