

# Rebecca J Safran

## List of Publications by Year in Descending Order

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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.

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	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
75	Rapid speciation via the evolution of pre-mating isolation in the Iberian Seed-eater. <i>Science</i> , <b>2021</b> , 371,	33.3	11
74	The impact of urbanization on body size of Barn Swallows. <i>Ecology and Evolution</i> , <b>2021</b> , 11, 612-625	2.8	1
73	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	0
72	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	0
71	Lack of subspecies-recognition in breeding Barn Swallows ( <i>Hirundo rustica transitiva</i> ). <i>Behavioural Processes</i> , <b>2021</b> , 189, 104422	1.6	0
70	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
69	Speciation by sexual selection: 20 years of progress. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 1153-1163	10.9	2
68	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
67	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
66	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
65	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
64	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	0
63	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
62	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
61	Unifying Theoretical and Empirical Perspectives on Genomic Differentiation. <i>Trends in Ecology and Evolution</i> , <b>2019</b> , 34, 987-995	10.9	7
60	Endless forms of sexual selection. <i>PeerJ</i> , <b>2019</b> , 7, e7988	3.1	13

59	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
58	The Sexual and Social Behavior of the Barn Swallow <b>2019</b> , 173-180		
57	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
56	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
55	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
54	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
53	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
52	Transitions from Single- to Multi-Locus Processes during Speciation with Gene Flow. <i>Genes</i> , <b>2018</b> , 9,	4.2	18
51	Theory Meets Empiry: A Citation Network Analysis. <i>BioScience</i> , <b>2018</b> , 68, 805-812	5.7	8
50	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
49	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
48	Experimental manipulation of a signal trait reveals complex phenotype-behaviour coordination. <i>Scientific Reports</i> , <b>2018</b> , 8, 15533	4.9	6
47	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
46	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
45	Transitions between phases of genomic differentiation during stick-insect speciation. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 82	12.3	91
44	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
43	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
42	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

41	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
40	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
39	Evolutionary Genetics: Small Genomic Regions Make a Big Impact. <i>Current Biology</i> , <b>2016</b> , 26, R1155-R1157.	3.3	2
38	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
37	Stress response, gut microbial diversity and sexual signals correlate with social interactions. <i>Biology Letters</i> , <b>2016</b> , 12,	3.6	33
36	Cognitive Phenotypes and the Evolution of Animal Decisions. <i>Trends in Ecology and Evolution</i> , <b>2016</b> , 31, 850-859	10.9	31
35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	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
25	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
24	Geographic variation in sexual selection and implications for speciation in the Barn Swallow. <i>Avian Research</i> , <b>2014</b> , 5,	2	41

23	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
22	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
21	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 erythrogaster</i> . <i>Hormones and Behavior</i> , <b>2013</b> , 64, 665-72	3.7	28
20	Multiple sexual signals and behavioral reproductive isolation in a diverging population. <i>American Naturalist</i> , <b>2013</b> , 182, 514-23	3.7	37
19	Contributions of natural and sexual selection to the evolution of premating reproductive isolation: a research agenda. <i>Trends in Ecology and Evolution</i> , <b>2013</b> , 28, 643-50	10.9	133
18	Evolutionary divergence in acoustic signals: causes and consequences. <i>Trends in Ecology and Evolution</i> , <b>2013</b> , 28, 156-66	10.9	286
17	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
16	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
15	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
14	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
13	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
12	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
11	Positive carotenoid balance correlates with greater reproductive performance in a wild bird. <i>PLoS ONE</i> , <b>2010</b> , 5, e9420	3.7	29
10	Vertebrate pigmentation: from underlying genes to adaptive function. <i>Trends in Genetics</i> , <b>2010</b> , 26, 231-8.5	9.5	275
9	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
8	Sexual signal exaggeration affects physiological state in male barn swallows. <i>Current Biology</i> , <b>2008</b> , 18, R461-2	6.3	101
7	Evolutionary biology: arms races in the eye of the beholder. <i>Current Biology</i> , <b>2008</b> , 18, R734-R736	6.3	10
6	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

5	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
4	Male tail streamer length does not predict apparent or genetic reproductive success in North American barn swallows <i>Hirundo rustica erythrogaster</i> . <i>Journal of Avian Biology</i> , <b>2007</b> , 38, 28-36	1.9	29
3	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
2	European barn swallows use melanin pigments to color their feathers brown. <i>Behavioral Ecology</i> , <b>2004</b> , 15, 889-891	2.3	44
1	Analysis of female song provides insight into the evolution of sex differences in a widely studied songbird		2