

# Sheng-Feng Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

926  
citations

567281

15  
h-index

501196

28  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	The ecology of cooperative breeding behaviour. <i>Ecology Letters</i> , 2017, 20, 708-720.	6.4	115
2	Seasonal and daily climate variation have opposite effects on species elevational range size. <i>Science</i> , 2016, 351, 1437-1439.	12.6	97
3	A missing model in reproductive skew theory: The bordered tug-of-war. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8430-8434.	7.1	75
4	Reproductive skew theory unified: The general bordered tug-of-war model. <i>Journal of Theoretical Biology</i> , 2010, 263, 1-12.	1.7	67
5	Reproductive Conflict and the Costs of Social Status in Cooperatively Breeding Vertebrates. <i>American Naturalist</i> , 2009, 173, 650-662.	2.1	49
6	Genome-wide differentiation in closely related populations: the roles of selection and geographic isolation. <i>Molecular Ecology</i> , 2016, 25, 3865-3883.	3.9	43
7	Unfavourable environment limits social conflict in <i>Yuhina brunneiceps</i> . <i>Nature Communications</i> , 2012, 3, 885.	12.8	40
8	Group provisioning limits sharing conflict among nestlings in joint-nesting Taiwan yuhinas. <i>Biology Letters</i> , 2010, 6, 318-321.	2.3	39
9	Climate-mediated cooperation promotes niche expansion in burying beetles. <i>ELife</i> , 2014, 3, e02440.	6.0	35
10	Group Size and Social Conflict in Complex Societies. <i>American Naturalist</i> , 2014, 183, 301-310.	2.1	34
11	Resolving the Paradox of Environmental Quality and Sociality: The Ecological Causes and Consequences of Cooperative Breeding in Two Lineages of Birds. <i>American Naturalist</i> , 2019, 194, 207-216.	2.1	33
12	Life histories determine divergent population trends for fishes under climate warming. <i>Nature Communications</i> , 2020, 11, 4088.	12.8	28
13	Artificial intelligence reveals environmental constraints on colour diversity in insects. <i>Nature Communications</i> , 2019, 10, 4554.	12.8	20
14	Joint Nesting in Taiwan Yuhinas: A Rare Passerine Case. <i>Condor</i> , 2004, 106, 862-872.	1.6	19
15	JOINT NESTING IN TAIWAN YUHINAS: A RARE PASSERINE CASE. <i>Condor</i> , 2004, 106, 862.	1.6	19
16	A chemically triggered transition from conflict to cooperation in burying beetles. <i>Ecology Letters</i> , 2020, 23, 467-475.	6.4	18
17	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> , 2018, 123, 825-849.	1.6	15
18	Contrasting forms of competition set elevational range limits of species. <i>Ecology Letters</i> , 2019, 22, 1668-1679.	6.4	15

#	ARTICLE	IF	CITATIONS
19	Ecological Transitions in Grouping Benefits Explain the Paradox of Environmental Quality and Sociality. <i>American Naturalist</i> , 2020, 195, 818-832.	2.1	15
20	Reproductive skew in avian societies. , 0, , 227-264.		14
21	Unity and disunity in the search for a unified reproductive skew theory. <i>Animal Behaviour</i> , 2013, 85, 1137-1144.	1.9	13
22	The Brave Leader Game and the Timing of Altruism among Nonkin. <i>American Naturalist</i> , 2010, 176, 242-248.	2.1	12
23	Complex signals alter recognition accuracy and conspecific acceptance thresholds. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190482.	4.0	12
24	GROUP-SIZE EFFECTS AND PARENTAL INVESTMENT STRATEGIES DURING INCUBATION IN JOINT-NESTING TAIWAN YUHINAS (YUHINA BRUNNEICEPS). <i>The Wilson Bulletin</i> , 2005, 117, 306-312.	0.5	10
25	Endogenous timing in competitive interactions among relatives. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006, 273, 171-178.	2.6	10
26	A continuum of biological adaptations to environmental fluctuation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191623.	2.6	9
27	Locally-adapted reproductive photoperiodism determines population vulnerability to climate change in burying beetles. <i>Nature Communications</i> , 2020, 11, 1398.	12.8	9
28	Parental care, cost of reproduction and reproductive skew: A general costly young model. <i>Journal of Theoretical Biology</i> , 2011, 284, 24-31.	1.7	8
29	Antagonistic effects of intraspecific cooperation and interspecific competition on thermal performance. <i>ELife</i> , 2020, 9, .	6.0	7
30	Fishing-induced changes in adult length are mediated by skipped spawning. <i>Ecological Applications</i> , 2017, 27, 274-284.	3.8	6
31	Social rank modulates how environmental quality influences cooperation and conflict within animal societies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201720.	2.6	6
32	Multitasking and the evolution of optimal clutch size in fluctuating environments. <i>Ecology and Evolution</i> , 2018, 8, 8803-8817.	1.9	5
33	Antagonistic effects of long- and short-term environmental variation on species coexistence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211491.	2.6	5
34	Taiwan yuhinas: Unrelated joint-nesters cooperate in unfavorable environments. , 2016, , 237-256.		4
35	Discontinuity of Diurnal Temperature Range Along Elevated Regions. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	4
36	A sequential collective action game and its applications to cooperative parental care in a songbird. <i>Animal Behaviour</i> , 2017, 129, 151-159.	1.9	3

#	ARTICLE	IF	CITATIONS
37	Regional Scale High Resolution $\hat{1}80$ Prediction in Precipitation Using MODIS EVI. <i>PLoS ONE</i> , 2012, 7, e45496.	2.5	3
38	SEXUAL DIMORPHISM, DISPERSAL PATTERNS, AND BREEDING BIOLOGY OF THE TAIWAN YUHINA: A JOINT-NESTING PASSERINE. <i>Wilson Journal of Ornithology</i> , 2006, 118, 558-562.	0.2	2
39	The Genetic Relatedness in Groups of Joint-Nesting Taiwan Yuhinas: Low Genetic Relatedness with Preferences for Male Kin. <i>PLoS ONE</i> , 2015, 10, e0127341.	2.5	2
40	Nest predation predicts infanticide in a cooperatively breeding bird. <i>Biology Letters</i> , 2019, 15, 20190314.	2.3	2
41	Response to Qian et al. (2017): Daily and seasonal climate variations are both critical in the evolution of species' elevational range size. <i>Journal of Biogeography</i> , 2018, 45, 2832-2836.	3.0	1
42	Environmental Uncertainty and Social Behavior. , 2019, , 807-815.		1
43	On the evolution of social ties as an instrumental tool for resource competition in resource patch networks. <i>Humanities and Social Sciences Communications</i> , 2021, 8, .	2.9	1
44	Reproductive Skew. , 2019, , 724-728.		0
45	Cooperation and Lateral Forces: Moving Beyond Bottom-Up and Top-Down Drivers of Animal Population Dynamics. <i>Frontiers in Psychology</i> , 2022, 13, 768773.	2.1	0
46	Animal power. <i>Nature Ecology and Evolution</i> , 2022, , .	7.8	0