

# Damien Farine

## 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.

130  
papers

5,299  
citations

38  
h-index

70  
g-index

151  
ext. papers

6,980  
ext. citations

5.7  
avg, IF

6.78  
L-index

#	Paper	IF	Citations
130	Costs dictate strategic investment in dominance interactions.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 377, 20200447	5.8	7
129	Observation of a black-cheeked waxbill () cleaning a Kirkland dik-dik ().. <i>Ecology and Evolution</i> , <b>2022</b> , 12, e8506	2.8	
128	Machine learning reveals cryptic dialects that explain mate choice in a songbird.. <i>Nature Communications</i> , <b>2022</b> , 13, 1630	17.4	1
127	Complex foraging behaviours in wild birds emerge from social learning and recombination of components.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 377, 20200307	5.8	5
126	The social transmission of stress in animal collectives.. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2022</b> , 289, 20212158	4.4	1
125	Collective behaviour: Jackdaws vote to leave with their voice. <i>Current Biology</i> , <b>2022</b> , 32, R467-R469	6.3	
124	Risk Factors Associated with Uterine Rupture and Dehiscence: A Cross-Sectional Canadian Study. <i>Revista Brasileira De Ginecologia E Obstetricia</i> , <b>2021</b> , 43, 820-825	1.1	1
123	Relationship quality underpins pair bond formation and subsequent reproductive performance. <i>Animal Behaviour</i> , <b>2021</b> , 182, 43-58	2.8	1
122	Connecting the data landscape of long-term ecological studies: The SPI-Birds data hub. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 2147-2160	4.7	9
121	Social network architecture and the tempo of cumulative cultural evolution. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20203107	4.4	7
120	Socially Defined Subpopulations Reveal Demographic Variation in a Giraffe Metapopulation. <i>Journal of Wildlife Management</i> , <b>2021</b> , 85, 920	1.9	3
119	Social network position predicts male mating success in a small passerine. <i>Behavioral Ecology</i> , <b>2021</b> , 32, 856-864	2.3	1
118	Food discovery is associated with different reliance on social learning and lower cognitive flexibility across environments in a food-caching bird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20202843	4.4	3
117	Efficient movement strategies mitigate the energetic cost of dispersal. <i>Ecology Letters</i> , <b>2021</b> , 24, 1432-1442	4.4	8
116	The role of habitat configuration in shaping animal population processes: a framework to generate quantitative predictions. <i>Oecologia</i> , <b>2021</b> , 196, 649-665	2.9	1
115	Collective behaviour: Movement rules under imminent threat. <i>Current Biology</i> , <b>2021</b> , 31, R902-R904	6.3	
114	Proximity to humans affects local social structure in a giraffe metapopulation. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 212-221	4.7	14

113	Multilevel Societies in Birds. <i>Trends in Ecology and Evolution</i> , <b>2021</b> , 36, 15-17	10.9	2
112	The importance of individual-to-society feedbacks in animal ecology and evolution. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 27-44	4.7	24
111	Wild zebra finches that nest synchronously have long-term stable social ties. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 76-86	4.7	16
110	Structural trade-offs can predict rewiring in shrinking social networks. <i>Journal of Animal Ecology</i> , <b>2021</b> , 90, 120-130	4.7	6
109	Drivers of alloparental provisioning of fledglings in a colonially breeding bird. <i>Behavioral Ecology</i> , <b>2021</b> , 32, 316-326	2.3	2
108	Sociability increases survival of adult female giraffes. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 288, 20202770	4.4	9
107	Seasonality impacts collective movements in a wild group-living bird. <i>Movement Ecology</i> , <b>2021</b> , 9, 38	4.6	3
106	Wild female vervet monkeys change grooming patterns and partners when freed from feeding constraints. <i>Animal Behaviour</i> , <b>2021</b> , 181, 117-117	2.8	1
105	Mapping illegal wildlife trade networks provides new opportunities for conservation actions. <i>Animal Conservation</i> , <b>2020</b> , 23, 145-146	3.2	5
104	Information use in foraging flocks of songbirds: no evidence for social transmission of patch quality. <i>Animal Behaviour</i> , <b>2020</b> , 165, 35-41	2.8	4
103	Development of New Food-Sharing Relationships in Vampire Bats. <i>Current Biology</i> , <b>2020</b> , 30, 1275-1279. <del>63</del>	6.3	33
102	Winter associations predict social and extra-pair mating patterns in a wild songbird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2020</b> , 287, 20192606	4.4	14
101	Mixed company: a framework for understanding the composition and organization of mixed-species animal groups. <i>Biological Reviews</i> , <b>2020</b> , 95, 889-910	13.5	46
100	A framework for conceptualizing dimensions of social organization in mammals. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 791-807	2.8	8
99	Season-specific carryover of early life associations in a monogamous bird species. <i>Animal Behaviour</i> , <b>2020</b> , 164, 25-37	2.8	1
98	Group size and composition influence collective movement in a highly social terrestrial bird. <i>ELife</i> , <b>2020</b> , 9,	8.9	13
97	Social Barriers in Ecological Landscapes: The Social Resistance Hypothesis. <i>Trends in Ecology and Evolution</i> , <b>2020</b> , 35, 137-148	10.9	30
96	A primer on the relationship between group size and group performance. <i>Animal Behaviour</i> , <b>2020</b> , 166, 139-146	2.8	13

95	Shared decision-making allows subordinates to lead when dominants monopolize resources. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	13
94	Deep learning-based methods for individual recognition in small birds. <i>Methods in Ecology and Evolution</i> , <b>2020</b> , 11, 1072-1085	7.7	29
93	Effect of ecological factors on fine-scale patterns of social structure in African lions. <i>Journal of Animal Ecology</i> , <b>2020</b> , 89, 2665-2676	4.7	4
92	How to make methodological decisions when inferring social networks. <i>Ecology and Evolution</i> , <b>2020</b> , 10, 9132-9143	2.8	7
91	Demographic processes in animal networks are a question of time: a comment on Shizuka and Johnson. <i>Behavioral Ecology</i> , <b>2020</b> , 31, 12-13	2.3	1
90	Hierarchically embedded interaction networks represent a missing link in the study of behavioral and community ecology. <i>Behavioral Ecology</i> , <b>2020</b> , 31, 279-286	2.3	3
89	Kinship, association, and social complexity in bats. <i>Behavioral Ecology and Sociobiology</i> , <b>2019</b> , 73, 1	2.5	34
88	The role of habitat configuration in shaping social structure: a gap in studies of animal social complexity. <i>Behavioral Ecology and Sociobiology</i> , <b>2019</b> , 73, 1	2.5	63
87	Diurnal variation in the production of vocal information about food supports a model of social adjustment in wild songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20182740	4.4	7
86	Early-life social environment predicts social network position in wild zebra finches. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2019</b> , 286, 20182579	4.4	14
85	Challenges in assessing the roles of nepotism and reciprocity in cooperation networks. <i>Animal Behaviour</i> , <b>2019</b> , 150, 255-271	2.8	13
84	Spurious inference when comparing networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 16674-16675	11.5	5
83	Camera traps provide a robust alternative to direct observations for constructing social networks of wild chimpanzees. <i>Animal Behaviour</i> , <b>2019</b> , 157, 227-238	2.8	12
82	The multilevel society of a small-brained bird. <i>Current Biology</i> , <b>2019</b> , 29, R1120-R1121	6.3	34
81	Temporal activity patterns of predators and prey across broad geographic scales. <i>Behavioral Ecology</i> , <b>2019</b> , 30, 172-180	2.3	9
80	Social structure modulates the evolutionary consequences of social plasticity: A social network perspective on interacting phenotypes. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 1451-1464	2.8	18
79	The potential impacts of the songbird trade on mixed-species flocking. <i>Biological Conservation</i> , <b>2018</b> , 222, 222-231	6.2	10
78	An automated barcode tracking system for behavioural studies in birds. <i>Methods in Ecology and Evolution</i> , <b>2018</b> , 9, 1536-1547	7.7	38

77	Inferring influence and leadership in moving animal groups. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 373,	5.8	59
76	Feeder density enhances house finch disease transmission in experimental epidemics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 373,	5.8	25
75	Linking the fine-scale social environment to mating decisions: a future direction for the study of extra-pair paternity. <i>Biological Reviews</i> , <b>2018</b> , 93, 1558-1577	13.5	22
74	A practical guide for inferring reliable dominance hierarchies and estimating their uncertainty. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 594-608	4.7	70
73	When to choose dynamic vs. static social network analysis. <i>Journal of Animal Ecology</i> , <b>2018</b> , 87, 128-138	4.7	46
72	Simple foraging rules in competitive environments can generate socially structured populations. <i>Ecology and Evolution</i> , <b>2018</b> , 8, 4978-4991	2.8	20
71	Stress hormones, social associations and song learning in zebra finches. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 373,	5.8	17
70	Association indices for quantifying social relationships: how to deal with missing observations of individuals or groups. <i>Animal Behaviour</i> , <b>2018</b> , 136, 227-238	2.8	76
69	Experimental disturbances reveal group-level costs of social instability. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	39
68	Movement and conformity interact to establish local behavioural traditions in animal populations. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006647	5	5
67	Sigmoidal Acquisition Curves Are Good Indicators of Conformist Transmission. <i>Scientific Reports</i> , <b>2018</b> , 8, 14015	4.9	9
66	Estimating the robustness and uncertainty of animal social networks using different observational methods. <i>Animal Behaviour</i> , <b>2018</b> , 141, 29-44	2.8	51
65	Exploratory behavior is linked to stress physiology and social network centrality in free-living house finches ( <i>Haemorrhous mexicanus</i> ). <i>Hormones and Behavior</i> , <b>2018</b> , 102, 105-113	3.7	20
64	Coordination Event Detection and Initiator Identification in Time Series Data. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2018</b> , 12, 1-33	4	8
63	Phylogenetic community structure metrics and null models: a review with new methods and software. <i>Ecography</i> , <b>2017</b> , 40, 461-477	6.5	75
62	Familiarity drives social philopatry in an obligate colonial breeder with weak interannual breeding-site fidelity. <i>Animal Behaviour</i> , <b>2017</b> , 124, 125-133	2.8	12
61	The dynamics of transmission and the dynamics of networks. <i>Journal of Animal Ecology</i> , <b>2017</b> , 86, 415-418	4.7	12
60	Male great tits assort by personality during the breeding season. <i>Animal Behaviour</i> , <b>2017</b> , 128, 21-32	2.8	21

59	Individual variation in local interaction rules can explain emergent patterns of spatial organization in wild baboons. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 284,	4.4	46
58	Social bet-hedging in vampire bats. <i>Biology Letters</i> , <b>2017</b> , 13,	3.6	35
57	GPS-identified, low-level nocturnal activity of vervets ( <i>Chlorocebus pygerythrus</i> ) and olive baboons ( <i>Papio anubis</i> ) in Laikipia, Kenya. <i>American Journal of Physical Anthropology</i> , <b>2017</b> , 164, 203-211	2.5	11
56	A guide to null models for animal social network analysis. <i>Methods in Ecology and Evolution</i> , <b>2017</b> , 8, 1309-1320	7.194	194
55	Assortment and the analysis of natural selection on social traits. <i>Evolution; International Journal of Organic Evolution</i> , <b>2017</b> , 71, 2693-2702	3.8	29
54	A multidimensional framework for studying social predation strategies. <i>Nature Ecology and Evolution</i> , <b>2017</b> , 1, 1230-1239	12.3	23
53	Social and spatial effects on genetic variation between foraging flocks in a wild bird population. <i>Molecular Ecology</i> , <b>2017</b> , 26, 5807-5819	5.7	7
52	Habitat and social factors shape individual decisions and emergent group structure during baboon collective movement. <i>ELife</i> , <b>2017</b> , 6,	8.9	81
51	Both Nearest Neighbours and Long-term Affiliates Predict Individual Locations During Collective Movement in Wild Baboons. <i>Scientific Reports</i> , <b>2016</b> , 6, 27704	4.9	35
50	Pathways of information transmission among wild songbirds follow experimentally imposed changes in social foraging structure. <i>Biology Letters</i> , <b>2016</b> , 12,	3.6	37
49	Environment modulates population social structure: experimental evidence from replicated social networks of wild lizards. <i>Animal Behaviour</i> , <b>2016</b> , 111, 23-31	2.8	66
48	Measuring the robustness of network community structure using assortativity. <i>Animal Behaviour</i> , <b>2016</b> , 112, 237-246	2.8	44
47	Individual variation in winter supplementary food consumption and its consequences for reproduction in wild birds. <i>Journal of Avian Biology</i> , <b>2016</b> , 47, 678-689	1.9	25
46	Interspecific social networks promote information transmission in wild songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282, 20142804	4.4	114
45	Early-Life Stress Triggers Juvenile Zebra Finches to Switch Social Learning Strategies. <i>Current Biology</i> , <b>2015</b> , 25, 2184-8	6.3	76
44	GROUP DECISIONS. Shared decision-making drives collective movement in wild baboons. <i>Science</i> , <b>2015</b> , 348, 1358-61	33.3	302
43	The role of social and ecological processes in structuring animal populations: a case study from automated tracking of wild birds. <i>Royal Society Open Science</i> , <b>2015</b> , 2, 150057	3.3	59
42	Proximity as a proxy for interactions: issues of scale in social network analysis. <i>Animal Behaviour</i> , <b>2015</b> , 104, e1-e5	2.8	73

41	Inferring social structure from temporal data. <i>Behavioral Ecology and Sociobiology</i> , <b>2015</b> , 69, 857-866	2.5	64
40	From Individuals to Groups and Back: The Evolutionary Implications of Group Phenotypic Composition. <i>Trends in Ecology and Evolution</i> , <b>2015</b> , 30, 609-621	10.9	130
39	Consistent individual differences in the social phenotypes of wild great tits,. <i>Animal Behaviour</i> , <b>2015</b> , 108, 117-127	2.8	93
38	The wisdom of baboon decisionsResponse. <i>Science</i> , <b>2015</b> , 349, 935-6	33.3	1
37	Feeder use predicts both acquisition and transmission of a contagious pathogen in a North American songbird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2015</b> , 282,	4.4	82
36	Experimental Evidence that Social Relationships Determine Individual Foraging Behavior. <i>Current Biology</i> , <b>2015</b> , 25, 3138-43	6.3	55
35	Estimating uncertainty and reliability of social network data using Bayesian inference. <i>Royal Society Open Science</i> , <b>2015</b> , 2, 150367	3.3	41
34	Experimentally induced innovations lead to persistent culture via conformity in wild birds. <i>Nature</i> , <b>2015</b> , 518, 538-41	50.4	468
33	Constructing, conducting and interpreting animal social network analysis. <i>Journal of Animal Ecology</i> , <b>2015</b> , 84, 1144-63	4.7	437
32	Counting conformity: evaluating the units of information in frequency-dependent social learning. <i>Animal Behaviour</i> , <b>2015</b> , 110, e5-e8	2.8	29
31	Selection for territory acquisition is modulated by social network structure in a wild songbird. <i>Journal of Evolutionary Biology</i> , <b>2015</b> , 28, 547-56	2.3	58
30	Mixed-species associations can arise without heterospecific attraction. <i>Behavioral Ecology</i> , <b>2014</b> , 25, 574-581	2.3	13
29	Measuring phenotypic assortment in animal social networks: weighted associations are more robust than binary edges. <i>Animal Behaviour</i> , <b>2014</b> , 89, 141-153	2.8	140
28	A contact-based social network of lizards is defined by low genetic relatedness among strongly connected individuals. <i>Animal Behaviour</i> , <b>2014</b> , 97, 35-43	2.8	29
27	Collective decision making and social interaction rules in mixed-species flocks of songbirds. <i>Animal Behaviour</i> , <b>2014</b> , 95, 173-182	2.8	56
26	Developmental stress predicts social network position. <i>Biology Letters</i> , <b>2014</b> , 10, 20140561	3.6	71
25	Individual-level personality influences social foraging and collective behaviour in wild birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20141016	4.4	145
24	Social organisation of thornbill-dominated mixed-species flocks using social network analysis. <i>Behavioral Ecology and Sociobiology</i> , <b>2013</b> , 67, 321-330	2.5	42



23	Individual personalities predict social behaviour in wild networks of great tits ( <i>Parus major</i> ). <i>Ecology Letters</i> , <b>2013</b> , 16, 1365-72	10	221
22	The early bird gets the worm: foraging strategies of wild songbirds lead to the early discovery of food sources. <i>Biology Letters</i> , <b>2013</b> , 9, 20130578	3.6	23
21	Animal social network inference and permutations for ecologists in R using asnipe. <i>Methods in Ecology and Evolution</i> , <b>2013</b> , 4, 1187-1194	7.7	177
20	An assessment of biomass for bioelectricity and biofuel, and for greenhouse gas emission reduction in Australia. <i>GCB Bioenergy</i> , <b>2012</b> , 4, 148-175	5.6	67
19	Social network analysis of mixed-species flocks: exploring the structure and evolution of interspecific social behaviour. <i>Animal Behaviour</i> , <b>2012</b> , 84, 1271-1277	2.8	88
18	Watching grass grow in Australia: is there sufficient production potential for a biofuel industry?. <i>Biofuels, Bioproducts and Biorefining</i> , <b>2012</b> , 6, 257-268	5.3	10
17	Social networks predict patch discovery in a wild population of songbirds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2012</b> , 279, 4199-205	4.4	227
16	Biofuel excision and the viability of ethanol production in the Green Triangle, Australia. <i>Energy Policy</i> , <b>2011</b> , 39, 1951-1957	7.2	16
15	Opportunities for energy efficiency and biofuel production in Australian wheat farming systems. <i>Biofuels</i> , <b>2010</b> , 1, 547-561	2	7
14	The importance of individual-to-society feedbacks in animal ecology and evolution		4
13	Permutation tests for hypothesis testing with animal social network data: Problems and potential solutions. <i>Methods in Ecology and Evolution</i> ,	7.7	6
12	Deep learning-based methods for individual recognition in small birds		2
11	Stable multi-level social structure is maintained by habitat geometry in a wild bird population		6
10	A practical guide for inferring reliable dominance hierarchies and estimating their uncertainty		10
9	Association indices for quantifying social relationships: how to deal with missing observations of individuals or groups		2
8	Do Sigmoidal Acquisition Curves Indicate Conformity?		3
7	Permutation tests for hypothesis testing with animal social network data: problems and potential solutions		4
6	Social network architecture and the tempo of cumulative cultural evolution		3



5	Development of new food-sharing relationships among nonkin vampire bats	2
4	Spurious inference when comparing networks	2
3	How feedback and feed-forward mechanisms link determinants of social dominance	5
2	Costs dictate strategic investment in dominance interactions	1
1	Leaving by staying: Social dispersal in giraffes. <i>Journal of Animal Ecology</i> ,	4-7 2