Julie Morand-Ferron

List of Publications by Year
in descending order

66 papers	4,071 citations	159525 30 h-index	128225 60 g-index
69 all docs	69 docs citations	69 times ranked	3041 citing authors

#	Article	IF	Citations
1	Experimentally induced innovations lead to persistent culture via conformity in wild birds. Nature, 2015, 518, 538-541.	13.7	597
2	Individual personalities predict social behaviour in wild networks of great tits (Parus major). Ecology Letters, 2013, 16, 1365-1372.	3.0	287
3	Social networks predict patch discovery in a wild population of songbirds. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4199-4205.	1.2	285
4	Technical innovations drive the relationship between innovativeness and residual brain size in birds. Animal Behaviour, 2009, 78, 1001-1010.	0.8	257
5	Cognitive Ability Influences Reproductive Life History Variation in the Wild. Current Biology, 2012, 22, 1808-1812.	1.8	212
6	Studying the evolutionary ecology of cognition in the wild: a review of practical and conceptual challenges. Biological Reviews, 2016, 91, 367-389.	4.7	196
7	Larger groups of passerines are more efficient problem solvers in the wild. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15898-15903.	3.3	176
8	Measuring and understanding individual differences in cognition. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170280.	1.8	148
9	Milk bottles revisited: social learning and individual variation in the blue tit, Cyanistes caeruleus. Animal Behaviour, 2013, 85, 1225-1232.	0.8	140
10	Who are the innovators? A field experiment with 2 passerine species. Behavioral Ecology, 2011, 22, 1241-1248.	1.0	129
11	The repeatability of cognitive performance: a meta-analysis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170281.	1.8	114
12	Dunking behaviour in Carib grackles. Animal Behaviour, 2004, 68, 1267-1274.	0.8	100
13	Animal and human innovation: novel problems and novel solutions. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150182.	1.8	80
14	Food stealing in birds: brain or brawn?. Animal Behaviour, 2007, 74, 1725-1734.	0.8	73
15	The evolution of cognition in natural populations. Trends in Cognitive Sciences, 2015, 19, 235-237.	4.0	73
16	Taking the Operant Paradigm into the Field: Associative Learning in Wild Great Tits. PLoS ONE, 2015, 10, e0133821.	1.1	68
17	Cognition in the field: comparison of reversal learning performance in captive and wild passerines. Scientific Reports, 2017, 7, 12945.	1.6	65
18	Why learn? The adaptive value of associative learning in wild populations. Current Opinion in Behavioral Sciences, 2017, 16, 73-79.	2.0	57

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19	Individual and ecological determinants of social information transmission in the wild. Animal Behaviour, 2017, 129, 93-101.	0.8	52
20	Wild Carib grackles play a producer scrounger game. Behavioral Ecology, 2007, 18, 916-921.	1.0	50
21	Integrating GIS and homing experiments to study avian movement costs. Landscape Ecology, 2011, 26, 47-58.	1.9	50
22	Environmental and genetic determinants of innovativeness in a natural population of birds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150184.	1.8	49
23	Basal Metabolic Rate of Canidae from Hot Deserts to Cold Arctic Climates. Journal of Mammalogy, 2007, 88, 394-400.	0.6	48
24	Learning in a game context: strategy choice by some keeps learning from evolving in others. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3609-3616.	1.2	48
25	Learning behaviorally stable solutions to producerâ€“scrounger games. Behavioral Ecology, 2010, 21, 343-348.	1.0	47
26	Individual differences in plasticity and sampling when playing behavioural games. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1223-1230.	1.2	40
27	Persistent individual differences in tactic use in a producerâ€“scrounger game are group dependent. Animal Behaviour, 2011, 82, 811-816.	0.8	39
28	Personality does not predict social dominance in wild groups of black-capped chickadees. Animal Behaviour, 2016, 122, 67-76.	0.8	35
29	Group size effect in nutmeg mannikin: between-individuals behavioral differences but same plasticity. Behavioral Ecology, 2010, 21, 684-689.	1.0	34
30	Counting conformity: evaluating the units of information in frequency-dependent social learning. Animal Behaviour, 2015, 110, e5-e8.	0.8	34
31	The adaptive significance of age-dependent changes in the tendency of individuals to explore. Animal Behaviour, 2018, 138, 59-67.	0.8	34
32	Stable producerâ€“scrounger dynamics in wild birds: sociability and learning speed covary with scrounging behaviour. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20162872.	1.2	32
33	Innovation in groups: does the proximity of others facilitate or inhibit performance?. Behaviour, 2009, 146, 1543-1564.	0.4	27
34	Spatial cognitive performance is linked to thigmotaxis in field crickets. Animal Behaviour, 2019, 150, 15-25.	0.8	26
35	Male experience buffers female laying date plasticity in a winter-breeding, food-storing passerine. Animal Behaviour, 2016, 121, 61-70.	0.8	25
36	Energy metabolism and personality in wild-caught fall field crickets. Physiology and Behavior, 2019, 199, 173-181.	1.0	24

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37	Inferring dominance interactions from automatically recorded temporal data. Ethology, 2018, 124, 188-195.	0.5	20
38	How general is cognitive ability in non-human animals? A meta-analytical and multi-level reanalysis approach. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201853.	1.2	19
39	Urbanization and individual differences in exploration and plasticity. Behavioral Ecology, 0, , .	1.0	18
40	Is exploration a metric for information gathering? Attraction to novelty and plasticity in blackâ€capped chickadees. Ethology, 2020, 126, 383-392.	0.5	18
41	Characterizing innovators: Ecological and individual predictors of problem-solving performance. PLoS ONE, 2019, 14, e0217464.	1.1	17
42	Environmental variability, the value of information, and learning in winter residents. Animal Behaviour, 2019, 147, 137-145.	0.8	17
43	Innovative consumers: ecological, behavioral, and physiological predictors of responses to novel food. Behavioral Ecology, 2019, 30, 1216-1225.	1.0	16
44	Elevation-related difference in serial reversal learning ability in a nonscatter hoarding passerine. Behavioral Ecology, 2018, 29, 840-847.	1.0	15
45	Stealing of dunked food in Carib grackles (Quiscalus lugubris). Behavioural Processes, 2006, 73, 342-347.	0.5	14
46	Dominance and the initiation of group feeding events: the modifying effect of sociality. Behavioral Ecology, 2018, 29, 448-458.	1.0	14
47	The importance of preferential associations and group cohesion: constraint or optimality. Behavioral Ecology and Sociobiology, 2019, 73, 1.	0.6	14
48	Does city life reduce neophobia? A study on wild black-capped chickadees.. Behavioral Ecology, 0, , .	1.0	13
49	Social Information Use. , 2010, , 242-250.		13
50	Urbanization and the temporal patterns of social networks and group foraging behaviors. Ecology and Evolution, 2019, 9, 4589-4602.	0.8	11
51	Cognition and covariance in the producerâ€“scrounger game. Journal of Animal Ecology, 2021, 90, 2497-2509.	1.3	10
52	Studying microevolutionary processes in cognitive traits: a comment on Rowe and Healy. Behavioral Ecology, 2014, 25, 1297-1298.	1.0	9
53	Food caching in city birds: urbanization and exploration do not predict spatial memory in scatter hoarders. Animal Cognition, 2019, 22, 743-756.	0.9	9
54	Cognitive flexibility in the wild: Individual differences in reversal learning are explained primarily by proactive interference, not by sampling strategies, in two passerine bird species. Learning and Behavior, 2022, 50, 153-166.	0.5	9

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55	Reduced reproductive performance associated with warmer ambient temperatures during incubation in a winterâ€breeding, foodâ€storing passerine. Ecology and Evolution, 2017, 7, 3029-3036.	0.8	8
56	Can a restrictive definition lead to biases and tautologies?. Behavioral and Brain Sciences, 2007, 30, 411-412.	0.4	7
57	Largeâ€scale Input Matching by Urban Feral Pigeons (Columba livia). Ethology, 2009, 115, 707-712.	0.5	7
58	The impact of learning opportunities on the development of learning and decision-making: an experiment with passerine birds. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190496.	1.8	7
59	Flexible expression of a food-processing behaviour: Determinants of dunking rates in wild Carib grackles of Barbados. Behavioural Processes, 2007, 76, 218-221.	0.5	6
60	Predator inadvertent social information use favours reduced clumping of its prey. Oikos, 2010, 119, 286-291.	1.2	6
61	Great tits who remember more accurately have difficulty forgetting, but variation is not driven by environmental harshness. Scientific Reports, 2021, 11, 10083.	1.6	6
62	Does the presence of a conspecific increase or decrease fear? Neophobia and habituation in zebra finches. Ethology, 2021, 127, 1033-1041.	0.5	6
63	Dunking Behavior in American Crows. The Wilson Bulletin, 2005, 117, 405-407.	0.5	3
64	Texas field crickets (Gryllus texensis) use visual cues to place learn but perform poorly when intra- and extra-maze cues conflict. Learning and Behavior, 2022, 50, 306-316.	0.5	3
65	Dual exploration strategies using artificial spiking neural networks in a robotic learning task. Adaptive Behavior, 2020, , 105971232092474.	1.1	2
66	Urbanization is associated with differences in age class structure in black-capped chickadees (Poecile) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.1	2