William Hoppitt

List of Publications by Year
in descending order

64 papers	5,349 citations	147726 31 h-index	138417 58 g-index
68 all docs	68 docs citations	68 times ranked	3952 citing authors

#	Article	IF	Citations
1	Cause and Effect in Biology Revisited: Is Mayrâ€™s Proximate-Ultimate Dichotomy Still Useful?. Science, 2011, 334, 1512-1516.	6.0	599
2	Cognitive culture: theoretical and empirical insights into social learning strategies. Trends in Cognitive Sciences, 2011, 15, 68-76.	4.0	495
3	Network-Based Diffusion Analysis Reveals Cultural Transmission of Lobtail Feeding in Humpback Whales. Science, 2013, 340, 485-488.	6.0	339
4	Do animals have culture?. Evolutionary Anthropology, 2003, 12, 150-159.	1.7	293
5	Chapter 3 Social Processes Influencing Learning in Animals: A Review of the Evidence. Advances in the Study of Behavior, 2008, 38, 105-165.	1.0	258
6	The evolutionary basis of human social learning. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 653-662.	1.2	248
7	Social Network Analysis Shows Direct Evidence for Social Transmission of Tool Use in Wild Chimpanzees. PLoS Biology, 2014, 12, e1001960.	2.6	224
8	Lessons from animal teaching. Trends in Ecology and Evolution, 2008, 23, 486-493.	4.2	217
9	Chimpanzees copy dominant and knowledgeable individuals: implications for cultural diversity. Evolution and Human Behavior, 2015, 36, 65-72.	1.4	217
10	Extreme reversed sexual size dimorphism in the extinct New Zealand moa Dinornis. Nature, 2003, 425, 172-175.	13.7	151
11	Interspecific social networks promote information transmission in wild songbirds. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142804.	1.2	148
12	More on how and why: cause and effect in biology revisited. Biology and Philosophy, 2013, 28, 719-745.	0.7	143
13	Association indices for quantifying social relationships: how to deal with missing observations of individuals or groups. Animal Behaviour, 2018, 136, 227-238.	0.8	136
14	Detecting social transmission in networks. Journal of Theoretical Biology, 2010, 263, 544-555.	0.8	128
15	The origin and spread of innovations in starlings. Animal Behaviour, 2008, 75, 1509-1518.	0.8	115
16	Strategic crossing of biomass and harvest indexâ€”source and sinkâ€”achieves genetic gains in wheat. Euphytica, 2017, 213, 1.	0.6	97
17	Diffusion Dynamics of Socially Learned Foraging Techniques in Squirrel Monkeys. Current Biology, 2013, 23, 1251-1255.	1.8	94
18	Identifying Social Learning in Animal Populations: A New â€˜Option-Biasâ€™ Method. PLoS ONE, 2009, 4, e6541.	1.1	71

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19	Environmental Complexity Influences Association Network Structure and Network-Based Diffusion of Foraging Information in Fish Shoals. American Naturalist, 2013, 181, 235-244.	1.0	69
20	Long-term decline in survival and reproduction of dolphins following a marine heatwave. Current Biology, 2019, 29, R239-R240.	1.8	68
21	Familiarity affects social network structure and discovery of prey patch locations in foraging stickleback shoals. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140579.	1.2	67
22	Information flow through threespine stickleback networks without social transmission. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4272-4278.	1.2	56
23	The effect of task structure on diffusion dynamics: Implications for diffusion curve and network-based analyses. Learning and Behavior, 2010, 38, 243-251.	0.5	49
24	Social networks predict selective observation and information spread in ravens. Royal Society Open Science, 2016, 3, 160256.	1.1	49
25	Wild primates copy higher-ranked individuals in a social transmission experiment. Nature Communications, 2020, 11, 459.	5.8	45
26	Evidence for semantic communication in titi monkey alarm calls. Animal Behaviour, 2012, 84, 405-411.	0.8	44
27	Identification of Learning Mechanisms in a Wild Meerkat Population. PLoS ONE, 2012, 7, e42044.	1.1	43
28	Detecting social learning using networks: a users guide. American Journal of Primatology, 2011, 73, 834-844.	0.8	40
29	Response facilitation in the domestic fowl. Animal Behaviour, 2007, 73, 229-238.	0.8	39
30	How New Caledonian crows solve novel foraging problems and what it means for cumulative culture. Learning and Behavior, 2016, 44, 18-28.	0.5	37
31	Multi-network-based diffusion analysis reveals vertical cultural transmission of sponge tool use within dolphin matrilines. Biology Letters, 2019, 15, 20190227.	1.0	36
32	A wheat phenotyping network to incorporate physiological traits for climate change in South Asia. Field Crops Research, 2014, 168, 156-167.	2.3	35
33	Perching but not foraging networks predict the spread of novel foraging skills in starlings. Behavioural Processes, 2014, 109, 135-144.	0.5	33
34	Detecting and quantifying social transmission using networkâ€based diffusion analysis. Journal of Animal Ecology, 2021, 90, 8-26.	1.3	33
35	The conceptual foundations of network-based diffusion analysis: choosing networks and interpreting results. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160418.	1.8	30
36	The effect of auditory enrichment, rearing method and social environment on the behavior of zoo-housed psittacines (Aves: Psittaciformes); implications for welfare. Applied Animal Behaviour Science, 2017, 186, 85-92.	0.8	29

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37	More on how and why: a response to commentaries. Biology and Philosophy, 2013, 28, 793-810.	0.7	28
38	Integrating Genetic, Environmental, and Social Networks to Reveal Transmission Pathways of a Dolphin Foraging Innovation. Current Biology, 2020, 30, 3024-3030.e4.	1.8	28
39	Factors influencing Manx Shearwater grounding on the west coast of Scotland. Ibis, 2018, 160, 846-854.	1.0	24
40	Incorporating intraspecific trait variation into functional diversity: Impacts of selective logging on birds in Borneo. Methods in Ecology and Evolution, 2017, 8, 1499-1505.	2.2	18
41	Sex ratio affects sexâ€specific innovation and learning in captive ruffed lemurs (Varecia variegata) Tj ETQq1 1 0.784314 rgBT /Ov	0.8	17
42	Social learning in otters. Royal Society Open Science, 2017, 4, 170489.	1.1	17
43	Social transmission in the wild can reduce predation pressure on novel prey signals. Nature Communications, 2021, 12, 3978.	5.8	17
44	Network-based diffusion analysis reveals context-specific dominance of dance communication in foraging honeybees. Nature Communications, 2020, 11, 625.	5.8	17
45	The spread of a novel behavior in wild chimpanzees: New insights into the ape cultural mind. Communicative and Integrative Biology, 2015, 8, e1017164.	0.6	15
46	Social culture in bonobos. Current Biology, 2020, 30, R261-R262.	1.8	14
47	Social processes affecting feeding and drinking in the domestic fowl. Animal Behaviour, 2008, 76, 1529-1543.	0.8	11
48	Bayesian Model Selection with Network Based Diffusion Analysis. Frontiers in Psychology, 2016, 7, 409.	1.1	10
49	A dual function for 4-methoxybenzaldehyde in Petasites fragrans? Pollinator-attractant and ant-repellent. Arthropod-Plant Interactions, 2017, 11, 623-627.	0.5	10
50	Choosing a sensible cut-off point: assessing the impact of uncertainty in a social network on the performance of NBDA. Primates, 2019, 60, 307-315.	0.7	10
51	Personality composition determines social learning pathways within shoaling fish. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201871.	1.2	9
52	Quantifying diffusion in social networks: a Bayesian approach. , 2014, , 38-52.		8
53	Is all learning innovation?. Behavioral and Brain Sciences, 2007, 30, 421-422.	0.4	6
54	The role of food transfers in wild golden lion tamarins (Leontopithecus rosalia): Support for the informational and nutritional hypothesis. Primates, 2021, 62, 207-221.	0.7	6

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55	Learning strategies and long-term memory in Asian short-clawed otters (Aonyx cinereus). Royal Society Open Science, 2020, 7, 201215.	1.1	5
56	The modularity of a social group does not affect the transmission speed of a novel, socially learned behaviour, or the formation of local variants. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20202614.	1.2	4
57	Ospreys do not teach offspring how to kill prey at the nest. Biology Letters, 2017, 13, 20170346.	1.0	3
58	Bayesian Spatial NBDA for Diffusion Data with Home-Base Coordinates. PLoS ONE, 2015, 10, e0130326.	1.1	2
59	Aggressionâ€based social learning in the zebra finch (Taeniopygia guttata). Ethology, 2022, 128, 232-246.	0.5	2
60	Do honey bees modulate dance following according to foraging distance?. Animal Behaviour, 2022, 184, 89-97.	0.8	2
61	Offshore Earthquakes Do Not Influence Marine Mammal Stranding Risk on the Washington and Oregon Coasts. Animals, 2018, 8, 18.	1.0	0
62	Fish Social Networks. , 2021, , 486-502.		0
63	Social Learning. , 2018, , 1-10.		0
64	Social Learning. , 2022, , 6518-6527.		0