

Thomas Bugnyar

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.

137
papers

4,487
citations

38
h-index

62
g-index

144
ext. papers

5,199
ext. citations

3.5
avg, IF

6.13
L-index

#	Paper	IF	Citations
137	Dominance in a socially dynamic setting: hierarchical structure and conflict dynamics in ravens' foraging groups.. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022 , 377, 20200446	5.8	3
136	Testing the contagious nature of allopreening: bystander ravens are affected by conspecifics' affiliative interactions. <i>Animal Behaviour</i> , 2022 , 184, 71-80	2.8	1
135	Personality and social environment predict cognitive performance in common marmosets (<i>Callithrix jacchus</i>).. <i>Scientific Reports</i> , 2022 , 12, 6702	4.9	2
134	No Evidence for Contagious Yawning in Juvenile Ravens (<i>Corvus corax</i>): An Observational Study. <i>Animals</i> , 2022 , 12, 1357	3.1	0
133	Socio-ecological correlates of neophobia in corvids. <i>Current Biology</i> , 2021 ,	6.3	4
132	Sex-specific parental care during postfledging in common ravens. <i>Animal Behaviour</i> , 2021 , 181, 95-103	2.8	0
131	Brain size and neuron numbers drive differences in yawn duration across mammals and birds. <i>Communications Biology</i> , 2021 , 4, 503	6.7	11
130	Carrion Crows and Azure-Winged Magpies Show No Prosocial Tendencies When Tested in a Token Transfer Paradigm. <i>Animals</i> , 2021 , 11,	3.1	2
129	Temporal consistency and ecological validity of personality structure in common marmosets (<i>Callithrix jacchus</i>): A unifying field and laboratory approach. <i>American Journal of Primatology</i> , 2021 , 83, e23229	2.5	10
128	Early evidence for emotional play contagion in juvenile ravens. <i>Animal Cognition</i> , 2021 , 24, 717-729	3.1	4
127	Who is crying wolf? Seasonal effect on antipredator response to age-specific alarm calls in common ravens, <i>Corvus corax</i> . <i>Learning and Behavior</i> , 2021 , 49, 159-167	1.3	2
126	Measuring salivary mesotocin in birds - Seasonal differences in ravens' peripheral mesotocin levels. <i>Hormones and Behavior</i> , 2021 , 134, 105015	3.7	1
125	Ravens respond to unfamiliar corvid alarm calls. <i>Journal of Ornithology</i> , 2020 , 161, 967-975	1.5	1
124	Cooperation with closely bonded individuals reduces cortisol levels in long-tailed macaques. <i>Royal Society Open Science</i> , 2020 , 7, 191056	3.3	6
123	Decision time modulates social foraging success in wild common ravens,. <i>Ethology</i> , 2020 , 126, 413-422	1.7	2
122	Effect of rearing style on the development of social behaviour in young ravens (). <i>Ethology</i> , 2020 , 126, 595-609	1.7	4
121	Effects of site fidelity, group size and age on food-caching behaviour of common ravens, <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2020 , 164, 51-64	2.8	3

120	Sex-specific effects of cooperative breeding and colonial nesting on prosociality in corvids. <i>ELife</i> , 2020 , 9,	8.9	9
119	Personality method validation in common marmosets (<i>Callithrix jacchus</i>): Getting the best of both worlds. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2020 , 134, 52-70	2.1	9
118	Crows (<i>Corvus corone ssp.</i>) check contingency in a mirror yet fail the mirror-mark test. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2020 , 134, 158-169	2.1	11
117	Crows and common ravens do not reciprocally exchange tokens with a conspecific to gain food rewards. <i>Ethology</i> , 2020 , 126, 278-287	1.7	5
116	Why preen others? Predictors of allopreening in parrots and corvids and comparisons to grooming in great apes. <i>Ethology</i> , 2020 , 126, 207-228	1.7	11
115	Food calling in wild ravens (<i>Corvus corax</i>) revisited: Who is addressed?. <i>Ethology</i> , 2020 , 126, 257-266	1.7	3
114	Azure-winged magpies' decisions to share food are contingent on the presence or absence of food for the recipient. <i>Scientific Reports</i> , 2020 , 10, 16147	4.9	8
113	Reply to: "The data do not support the existence of an 'Old Boy network' in science. Some critical comments on a study by Massen et al.". <i>Scientific Reports</i> , 2020 , 10, 13783	4.9	
112	Contextual imitation in juvenile common ravens, <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2020 , 163, 127-134	2.8	
111	Reply to Vonk: Disentangling emotional contagion from its underlying causes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18169-18170	11.5	3
110	Counting crows: population structure and group size variation in an urban population of crows. <i>Behavioral Ecology</i> , 2019 , 30, 57-67	2.3	9
109	What constitutes "social complexity" and "social intelligence" in birds? Lessons from ravens. <i>Behavioral Ecology and Sociobiology</i> , 2019 , 73, 12	2.5	36
108	Negative emotional contagion and cognitive bias in common ravens (). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 11547-11552	11.5	29
107	Competition is crucial for social comparison processes in long-tailed macaques. <i>Biology Letters</i> , 2019 , 15, 20180784	3.6	3
106	Tool Use: New Caledonian Crows Engage in Mental Planning. <i>Current Biology</i> , 2019 , 29, R200-R202	6.3	1
105	Orangutans (<i>Pongo abelii</i>) make flexible decisions relative to reward quality and tool functionality in a multi-dimensional tool-use task. <i>PLoS ONE</i> , 2019 , 14, e0211031	3.7	5
104	Catching crows: seasonality, techniques and the influence of social behaviour. <i>Ringing and Migration</i> , 2019 , 34, 1-7	0.4	
103	Common marmosets are sensitive to simple dependencies at variable distances in an artificial grammar. <i>Evolution and Human Behavior</i> , 2019 , 40, 214-221	4	8

102	The EGA+GNM framework: An integrative approach to modelling behavioural syndromes. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 245-257	7.7	8
101	Raven food calls indicate sender's age and sex. <i>Frontiers in Zoology</i> , 2018 , 15, 5	2.8	5
100	Reconciliation and third-party affiliation in carrion crows. <i>Ethology</i> , 2018 , 124, 33-44	1.7	7
99	A technological framework for running and analyzing animal head turning experiments. <i>Behavior Research Methods</i> , 2018 , 50, 1154-1165	6.1	1
98	Attacked ravens flexibly adjust signalling behaviour according to audience composition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018 , 285,	4.4	15
97	Ravens adjust their antipredatory responses to con- and hetero-specific alarms to the perceived threat. <i>Ethology</i> , 2018 , 124, 609-616	1.7	3
96	Social status and prenatal testosterone exposure assessed via second-to-fourth digit ratio affect 6-9-year-old children's prosocial choices. <i>Scientific Reports</i> , 2018 , 8, 9198	4.9	7
95	Relocations and one-time disturbance fail to sustainably disperse non-breeding common ravens <i>Corvus corax</i> due to homing behaviour and extensive home ranges. <i>European Journal of Wildlife Research</i> , 2018 , 64, 1	2	5
94	Apes perform like infants in false-belief tasks. <i>Learning and Behavior</i> , 2017 , 45, 325-326	1.3	
93	Behavioural and Hormonal Stress Responses to Social Separation in Ravens,. <i>Ethology</i> , 2017 , 123, 123-135	7	4
92	Fission-fusion dynamics over large distances in raven non-breeders. <i>Scientific Reports</i> , 2017 , 7, 380	4.9	34
91	An Unkindness of ravens? Measuring prosocial preferences in <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2017 , 123, 383-393	2.8	20
90	Sharing of science is most likely among male scientists. <i>Scientific Reports</i> , 2017 , 7, 12927	4.9	18
89	Calls during agonistic interactions vary with arousal and raise audience attention in ravens. <i>Frontiers in Zoology</i> , 2017 , 14, 57	2.8	12
88	The temporal dependence of exploration on neotic style in birds. <i>Scientific Reports</i> , 2017 , 7, 4742	4.9	22
87	Responses of urban crows to con- and hetero-specific alarm calls in predator and non-predator zoo enclosures. <i>Animal Cognition</i> , 2017 , 20, 43-51	3.1	11
86	Adjusting foraging strategies: a comparison of rural and urban common mynas (<i>Acridotheres tristis</i>). <i>Animal Cognition</i> , 2017 , 20, 65-74	3.1	14
85	Kea (<i>Nestor notabilis</i>) decide early when to wait in food exchange task. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2017 , 131, 269-276	2.1	13

84	Common marmoset (<i>Callithrix jacchus</i>) personality. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2017 , 131, 326-336	2.1	19
83	Shared space, individually used: spatial behaviour of non-breeding ravens (<i>Corvus corax</i>) close to a permanent anthropogenic food source. <i>Journal of Ornithology</i> , 2016 , 157, 439-450	1.5	21
82	Social networks predict selective observation and information spread in ravens. <i>Royal Society Open Science</i> , 2016 , 3, 160256	3.3	29
81	Explorative innovators and flexible use of social information in common ravens (<i>Corvus corax</i>) and carrion crows (<i>Corvus corone</i>). <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2016 , 130, 328-340	2.1	6
80	Proactive prosociality in a cooperatively breeding corvid, the azure-winged magpie (<i>Cyanopica cyana</i>). <i>Biology Letters</i> , 2016 , 12,	3.6	44
79	Behavioural Type Affects Space Use in a Wild Population of Crows (). <i>Ethology</i> , 2016 , 122, 881-891	1.7	4
78	Territorial raven pairs are sensitive to structural changes in simulated acoustic displays of conspecifics. <i>Animal Behaviour</i> , 2016 , 116, 153-162	2.8	10
77	Take the long way home: Behaviour of a neotropical frog, <i>Allobates femoralis</i> , in a detour task. <i>Behavioural Processes</i> , 2016 , 126, 71-5	1.6	5
76	Ravens attribute visual access to unseen competitors. <i>Nature Communications</i> , 2016 , 7, 10506	17.4	83
75	Loner or socializer? Ravens' adrenocortical response to individual separation depends on social integration. <i>Hormones and Behavior</i> , 2016 , 78, 194-9	3.7	22
74	Cognition without Cortex. <i>Trends in Cognitive Sciences</i> , 2016 , 20, 291-303	14	208
73	Do monkeys compare themselves to others?. <i>Animal Cognition</i> , 2016 , 19, 417-28	3.1	7
72	Partner Choice in Raven (<i>Corvus corax</i>) Cooperation. <i>PLoS ONE</i> , 2016 , 11, e0156962	3.7	36
71	Socially Driven Consistent Behavioural Differences during Development in Common Ravens and Carrion Crows. <i>PLoS ONE</i> , 2016 , 11, e0148822	3.7	10
70	Experimental Manipulation of Food Accessibility Affects Conflict Management Behaviour in Ravens. <i>Ethology</i> , 2016 , 122, 114-126	1.7	6
69	GPS tracking of non-breeding ravens reveals the importance of anthropogenic food sources during their dispersal in the Eastern Alps. <i>Environmental Epigenetics</i> , 2016 , 62, 337-344	2.4	16
68	Consistent inter-individual differences in common marmosets (<i>Callithrix jacchus</i>) in Boldness-Shyness, Stress-Activity, and Exploration-Avoidance. <i>American Journal of Primatology</i> , 2016 , 78, 961-73	2.5	28
67	Long-term fidelity of foraging techniques in common marmosets (<i>Callithrix jacchus</i>). <i>American Journal of Primatology</i> , 2015 , 77, 264-70	2.5	11

66	Differences in exploration behaviour in common ravens and carrion crows during development and across social context. <i>Behavioral Ecology and Sociobiology</i> , 2015 , 69, 1209-1220	2.5	33
65	Pair bond characteristics and maintenance in free-flying jackdaws : effects of social context and season. <i>Journal of Avian Biology</i> , 2015 , 46, 206-215	1.9	9
64	Combinatory actions during object play in psittaciformes (<i>Diopsittaca nobilis</i> , <i>Pionites melanocephala</i> , <i>Cacatua goffini</i>) and corvids (<i>Corvus corax</i> , <i>C. monedula</i> , <i>C. moneduloides</i>). <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2015 , 129, 62-71	2.1	41
63	Tolerance and reward equity predict cooperation in ravens (<i>Corvus corax</i>). <i>Scientific Reports</i> , 2015 , 5, 15021	4.9	74
62	Inference by Exclusion in Goffin Cockatoos (<i>Cacatua goffini</i>). <i>PLoS ONE</i> , 2015 , 10, e0134894	3.7	16
61	Subadult ravens generally don't transfer valuable tokens to conspecifics when there is nothing to gain for themselves. <i>Frontiers in Psychology</i> , 2015 , 6, 885	3.4	21
60	With whom to dine? Ravens' responses to food-associated calls depend on individual characteristics of the caller. <i>Animal Behaviour</i> , 2015 , 99, 33-42	2.8	18
59	Waiting for better, not for more: corvids respond to quality in two delay maintenance tasks. <i>Animal Behaviour</i> , 2014 , 90, 1-10	2.8	92
58	Video demonstrations seed alternative problem-solving techniques in wild common marmosets. <i>Biology Letters</i> , 2014 , 10,	3.6	33
57	Memory, transmission and persistence of alternative foraging techniques in wild common marmosets. <i>Animal Behaviour</i> , 2014 , 91, 79-91	2.8	29
56	Will food-handling time influence agonistic behaviour in sub-adult common ravens (<i>Corvus corax</i>)?. <i>Behavioural Processes</i> , 2014 , 103, 67-74	1.6	3
55	Role of mental representations in quantity judgments by jackdaws (<i>Corvus monedula</i>). <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2014 , 128, 11-20	2.1	44
54	Object permanence in the Goffin cockatoo (<i>Cacatua goffini</i>). <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2014 , 128, 88-98	2.1	24
53	Ravens intervene in others' bonding attempts. <i>Current Biology</i> , 2014 , 24, 2733-6	6.3	49
52	Tolerance and Social Facilitation in the Foraging Behaviour of Free-Ranging Crows (). <i>Ethology</i> , 2014 , 120, 1248-1255	1.7	16
51	Ravens notice dominance reversals among conspecifics within and outside their social group. <i>Nature Communications</i> , 2014 , 5, 3679	17.4	64
50	Craving Ravens: Individual 'haa' Call Rates at Feeding Sites as Cues to Personality and Levels of Fission-Fusion Dynamics?. <i>Animal Behavior and Cognition</i> , 2014 , 1, 265-280	2.3	3
49	Unrewarded Object Combinations in Captive Parrots. <i>Animal Behavior and Cognition</i> , 2014 , 1, 470-488	2.3	17

48	Ravens (<i>Corvus corax</i>) are indifferent to the gains of conspecific recipients or human partners in experimental tasks. <i>Animal Cognition</i> , 2013 , 16, 35-43	3.1	26
47	Pigeons integrate past knowledge across sensory modalities. <i>Animal Behaviour</i> , 2013 , 85, 605-613	2.8	3
46	Ontogeny of object permanence in a non-storing corvid species, the jackdaw (<i>Corvus monedula</i>). <i>Animal Cognition</i> , 2013 , 16, 405-16	3.1	16
45	Social cognition in ravens. <i>Comparative Cognition and Behavior Reviews</i> , 2013 , 8, 1-12		35
44	Behavioral responses to inequity in reward distribution and working effort in crows and ravens. <i>PLoS ONE</i> , 2013 , 8, e56885	3.7	55
43	Long-term memory for affiliates in ravens. <i>Current Biology</i> , 2012 , 22, 801-6	6.3	77
42	Apes (<i>Gorilla gorilla</i> , <i>Pan paniscus</i> , <i>P. troglodytes</i> , <i>Pongo abelii</i>) versus corvids (<i>Corvus corax</i> , <i>C. corone</i>) in a support task: the effect of pattern and functionality. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2012 , 126, 355-67	2.1	21
41	Who wants food? Individual characteristics in raven yells. <i>Animal Behaviour</i> , 2012 , 84, 1123-1130	2.8	24
40	Socialized sub-groups in a temporary stable Raven flock?. <i>Journal of Ornithology</i> , 2012 , 153, 97-104	1.5	33
39	Corvids can decide if a future exchange is worth waiting for. <i>Biology Letters</i> , 2012 , 8, 201-4	3.6	67
38	Social bonds and rank acquisition in raven nonbreeder aggregations. <i>Animal Behaviour</i> , 2012 , 84, 1507-1515	1.5	61
37	Recipients affect prosocial and altruistic choices in jackdaws, <i>Corvus monedula</i> . <i>PLoS ONE</i> , 2012 , 7, e34937	3.7	41
36	Carrion crows cannot overcome impulsive choice in a quantitative exchange task. <i>Frontiers in Psychology</i> , 2012 , 3, 118	3.4	22
35	Reciprocity of agonistic support in ravens. <i>Animal Behaviour</i> , 2012 , 83, 171-177	2.8	65
34	Ontogeny of Social Relations and Coalition Formation in Common Ravens (<i>Corvus monedula</i>). <i>International Journal of Comparative Psychology</i> , 2012 , 25, 180-194		29
33	Gaze direction - a cue for hidden food in rooks (<i>Corvus frugilegus</i>)?. <i>Behavioural Processes</i> , 2011 , 88, 88-93	3.6	10
32	On the evolutionary and ontogenetic origins of tool-oriented behaviour in New Caledonian crows (<i>Corvus corax</i>). <i>Biological Journal of the Linnean Society</i> , 2011 , 102, 870-877	1.9	30
31	Knower-guesser differentiation in ravens: others' viewpoints matter. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011 , 278, 634-40	4.4	80

30	Ravens reconcile after aggressive conflicts with valuable partners. <i>PLoS ONE</i> , 2011 , 6, e18118	3.7	71
29	Northern bald ibises follow others' gaze into distant space but not behind barriers. <i>Biology Letters</i> , 2010 , 6, 14-7	3.6	29
28	Social cognition and the evolution of language: constructing cognitive phylogenies. <i>Neuron</i> , 2010 , 65, 795-814	13.9	223
27	Gaze following in the red-footed tortoise (<i>Geochelone carbonaria</i>). <i>Animal Cognition</i> , 2010 , 13, 765-9	3.1	82
26	The quality of social relationships in ravens. <i>Animal Behaviour</i> , 2010 , 79, 927-933	2.8	87
25	Do ravens show consolation? Responses to distressed others. <i>PLoS ONE</i> , 2010 , 5, e10605	3.7	93
24	What you see is what you get? Exclusion performances in ravens and keas. <i>PLoS ONE</i> , 2009 , 4, e6368	3.7	49
23	Social attention in keas, dogs, and human children. <i>Animal Cognition</i> , 2009 , 12, 181-92	3.1	43
22	Enhanced social learning between siblings in common ravens,. <i>Animal Behaviour</i> , 2008 , 75, 501-508	2.8	56
21	Animal cognition: rooks team up to solve a problem. <i>Current Biology</i> , 2008 , 18, R530-2	6.3	6
20	Corticosterone excretion patterns and affiliative behavior over development in ravens (<i>Corvus corax</i>). <i>Hormones and Behavior</i> , 2008 , 53, 208-16	3.7	34
19	Modifying the object-choice task: is the way you look important for ravens?. <i>Behavioural Processes</i> , 2008 , 77, 61-5	1.6	21
18	Preferential learning from non-affiliated individuals in jackdaws (<i>Corvus monedula</i>). <i>Behavioural Processes</i> , 2008 , 79, 148-55	1.6	20
17	Do common ravens (<i>Corvus corax</i>) rely on human or conspecific gaze cues to detect hidden food?. <i>Animal Cognition</i> , 2008 , 11, 231-41	3.1	48
16	Short-term observational spatial memory in Jackdaws (<i>Corvus monedula</i>) and Ravens (<i>Corvus corax</i>). <i>Animal Cognition</i> , 2008 , 11, 691-8	3.1	18
15	The performance of ravens on simple discrimination tasks: a preliminary study. <i>Acta Ethologica</i> , 2008 , 11, 34-41	1.1	16
14	Ravens judge competitors through experience with play caching. <i>Current Biology</i> , 2007 , 17, 1804-8	6.3	79
13	Gaze following in common ravens, <i>Corvus corax</i> : ontogeny and habituation. <i>Animal Behaviour</i> , 2007 , 74, 769-778	2.8	68

12	The ontogeny of caching in ravens, <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2007 , 74, 757-767	2.8	55
11	When, what, and whom to watch? Quantifying attention in ravens (<i>Corvus corax</i>) and jackdaws (<i>Corvus monedula</i>). <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2007 , 121, 380-6	2.1	37
10	Novel object exploration in ravens (<i>Corvus corax</i>): effects of social relationships. <i>Behavioural Processes</i> , 2006 , 73, 68-75	1.6	85
9	Effects of Group Size on Approach to Novel Objects in Ravens (<i>Corvus corax</i>). <i>Ethology</i> , 2006 , 112, 1079-1088	1.7	50
8	Pilfering ravens, <i>Corvus corax</i> , adjust their behaviour to social context and identity of competitors. <i>Animal Cognition</i> , 2006 , 9, 369-76	3.1	137
7	Ravens, <i>Corvus corax</i> , differentiate between knowledgeable and ignorant competitors. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005 , 272, 1641-6	4.4	149
6	Testing Problem Solving in Ravens: String-Pulling to Reach Food. <i>Ethology</i> , 2005 , 111, 962-976	1.7	93
5	Leading a conspecific away from food in ravens (<i>Corvus corax</i>)?. <i>Animal Cognition</i> , 2004 , 7, 69-76	3.1	68
4	Scrounging Tactics in Free-Ranging Ravens, <i>Corvus corax</i> . <i>Ethology</i> , 2002 , 108, 993-1009	1.7	48
3	Observational learning and the raiding of food caches in ravens, <i>Corvus corax</i> : is it tactical or deception?. <i>Animal Behaviour</i> , 2002 , 64, 185-195	2.8	205
2	Food calling in ravens: are yells referential signals?. <i>Animal Behaviour</i> , 2001 , 61, 949-958	2.8	91
1	Push or pull: an experimental study on imitation in marmosets. <i>Animal Behaviour</i> , 1997 , 54, 817-31	2.8	139