Thomas Bugnyar

List of Publications by Year
in descending order

141 papers	5,907 citations	61945 43 h-index	88593 70 g-index
144 all docs	144 docs citations	144 times ranked	2837 citing authors

#	Article	IF	Citations
1	Cognition without Cortex. Trends in Cognitive Sciences, 2016, 20, 291-303.	4.0	287
2	Social Cognition and the Evolution of Language: Constructing Cognitive Phylogenies. Neuron, 2010, 65, 795-814.	3.8	263
3	Observational learning and the raiding of food caches in ravens, Corvus corax: is it â€˜taticalâ€™ deception?. Animal Behaviour, 2002, 64, 185-195.	0.8	245
4	Ravens, Corvus corax , differentiate between knowledgeable and ignorant competitors. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1641-1646.	1.2	182
5	Push or pull: an experimental study on imitation in marmosets. Animal Behaviour, 1997, 54, 817-831.	0.8	159
6	Pilfering ravens, Corvus corax, adjust their behaviour to social context and identity of competitors. Animal Cognition, 2006, 9, 369-376.	0.9	153
7	Do Ravens Show Consolation? Responses to Distressed Others. PLoS ONE, 2010, 5, e10605.	1.1	123
8	Waiting for better, not for more: corvids respond to quality in two delay maintenance tasks. Animal Behaviour, 2014, 90, 1-10.	0.8	120
9	Food calling in ravens: are yells referential signals?. Animal Behaviour, 2001, 61, 949-958.	0.8	112
10	Testing Problem Solving in Ravens: String-Pulling to Reach Food. Ethology, 2005, 111, 962-976.	0.5	112
11	Ravens attribute visual access to unseen competitors. Nature Communications, 2016, 7, 10506.	5.8	112
12	Gaze following in the red-footed tortoise (Geochelone carbonaria). Animal Cognition, 2010, 13, 765-769.	0.9	105
13	Long-Term Memory for Affiliates in Ravens. Current Biology, 2012, 22, 801-806.	1.8	104
14	The quality of social relationships in ravens. Animal Behaviour, 2010, 79, 927-933.	0.8	103
15	Tolerance and reward equity predict cooperation in ravens (Corvus corax). Scientific Reports, 2015, 5, 15021.	1.6	102
16	Novel object exploration in ravens (Corvus corax): Effects of social relationships. Behavioural Processes, 2006, 73, 68-75.	0.5	101
17	Gaze following in common ravens, Corvus corax: ontogeny and habituation. Animal Behaviour, 2007, 74, 769-778.	0.8	97
18	Knowerâ€“guesser differentiation in ravens: others' viewpoints matter. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 634-640.	1.2	93

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19	Ravens Judge Competitors through Experience with Play Caching. Current Biology, 2007, 17, 1804-1808.	1.8	89
20	Ravens notice dominance reversals among conspecifics within and outside their social group. Nature Communications, 2014, 5, 3679.	5.8	85
21	Ravens Reconcile after Aggressive Conflicts with Valuable Partners. PLoS ONE, 2011, 6, e18118.	1.1	85
22	Corvids can decide if a future exchange is worth waiting for. Biology Letters, 2012, 8, 201-204.	1.0	84
23	Reciprocity of agonistic support in ravens. Animal Behaviour, 2012, 83, 171-177.	0.8	84
24	Leading a conspecific away from food in ravens (Corvus corax)?. Animal Cognition, 2004, 7, 69-76.	0.9	79
25	Enhanced social learning between siblings in common ravens, Corvus corax. Animal Behaviour, 2008, 75, 501-508.	0.8	75
26	Social bonds and rank acquisition in raven nonbreeder aggregations. Animal Behaviour, 2012, 84, 1507-1515.	0.8	75
27	Effects of Group Size on Approach to Novel Objects in Ravens (Corvus corax). Ethology, 2006, 112, 1079-1088.	0.5	73
28	Behavioral Responses to Inequity in Reward Distribution and Working Effort in Crows and Ravens. PLoS ONE, 2013, 8, e56885.	1.1	73
29	The ontogeny of caching in ravens, Corvus corax. Animal Behaviour, 2007, 74, 757-767.	0.8	72
30	What You See Is What You Get? Exclusion Performances in Ravens and Keas. PLoS ONE, 2009, 4, e6368.	1.1	66
31	What constitutes â€œsocial complexityâ€•and â€œsocial intelligenceâ€•in birds? Lessons from ravens. Behavioral Ecology and Sociobiology, 2019, 73, 12.	0.6	66
32	Ravens Intervene in Othersâ€™ Bonding Attempts. Current Biology, 2014, 24, 2733-2736.	1.8	62
33	Proactive prosociality in a cooperatively breeding corvid, the azure-winged magpie (<i>Cyanopica) Tj ETQq1 1 0.784314 rgBT /Overlo	1.0	62
34	Scrounging Tactics in Free-Ranging Ravens, Corvus corax. Ethology, 2002, 108, 993-1009.	0.5	56
35	Do common ravens (Corvus corax) rely on human or conspecific gaze cues to detect hidden food?. Animal Cognition, 2008, 11, 231-241.	0.9	55
36	Combinatory actions during object play in psittaciformes (Diopsittaca nobilis, Pionites melanocephala,) Tj ETQq0 0 0 rgBT /Overlock 10 T Psychology (Washington, D C: 1983), 2015, 129, 62-71.	0.3	54

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37	Recipients Affect Prosocial and Altruistic Choices in Jackdaws, Corvus monedula. PLoS ONE, 2012, 7, e34922.	1.1	53
38	Partner Choice in Raven (Corvus corax) Cooperation. PLoS ONE, 2016, 11, e0156962.	1.1	51
39	Social attention in keas, dogs, and human children. Animal Cognition, 2009, 12, 181-192.	0.9	49
40	Social cognition in ravens. Comparative Cognition and Behavior Reviews, 2013, 8, 1-12.	2.0	49
41	Video demonstrations seed alternative problem-solving techniques in wild common marmosets. Biology Letters, 2014, 10, 20140439.	1.0	49
42	Social networks predict selective observation and information spread in ravens. Royal Society Open Science, 2016, 3, 160256.	1.1	49
43	Fission-fusion dynamics over large distances in raven non-breeders. Scientific Reports, 2017, 7, 380.	1.6	49
44	Role of mental representations in quantity judgments by jackdaws (Corvus monedula).. Journal of Comparative Psychology (Washington, D C: 1983), 2014, 128, 11-20.	0.3	47
45	Differences in exploration behaviour in common ravens and carrion crows during development and across social context. Behavioral Ecology and Sociobiology, 2015, 69, 1209-1220.	0.6	47
46	When, what, and whom to watch? Quantifying attention in ravens (Corvus corax) and jackdaws (Corvus monedula).. Journal of Comparative Psychology (Washington, D C: 1983), 2007, 121, 380-386.	0.3	46
47	Animal cognition in a human-dominated world. Animal Cognition, 2017, 20, 1-6.	0.9	44
48	Northern bald ibises follow othersâ€™ gaze into distant space but not behind barriers. Biology Letters, 2010, 6, 14-17.	1.0	41
49	Corticosterone excretion patterns and affiliative behavior over development in ravens (Corvus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.0	40
50	Socialized sub-groups in a temporary stable Raven flock?. Journal of Ornithology, 2012, 153, 97-104.	0.5	39
51	Carrion Crows Cannot Overcome Impulsive Choice in a Quantitative Exchange Task. Frontiers in Psychology, 2012, 3, 118.	1.1	37
52	Consistent interâ€individual differences in common marmosets (Callithrix jacchus) in Boldnessâ€Shyness, Stressâ€Activity, and Explorationâ€Avoidance. American Journal of Primatology, 2016, 78, 961-973.	0.8	36
53	Negative emotional contagion and cognitive bias in common ravens (Corvus corax). Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11547-11552.	3.3	36
54	On the evolutionary and ontogenetic origins of tool-oriented behaviour in New Caledonian crows (Corvus moneduloides). Biological Journal of the Linnean Society, 2011, 102, 870-877.	0.7	35

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55	Who wants food? Individual characteristics in raven yells. Animal Behaviour, 2012, 84, 1123-1130.	0.8	35
56	The temporal dependence of exploration on neotic style in birds. Scientific Reports, 2017, 7, 4742.	1.6	34
57	Ravens (Corvus corax) are indifferent to the gains of conspecific recipients or human partners in experimental tasks. Animal Cognition, 2013, 16, 35-43.	0.9	33
58	Memory, transmission and persistence of alternative foraging techniques in wild common marmosets. Animal Behaviour, 2014, 91, 79-91.	0.8	33
59	Ontogeny of Social Relations and Coalition Formation in Common Ravens (). International Journal of Comparative Psychology, 2012, 25, 180-194.	1.0	33
60	Object permanence in the Goffin cockatoo (Cacatua goffini).. Journal of Comparative Psychology (Washington, D C: 1983), 2014, 128, 88-98.	0.3	31
61	Loner or socializer? Ravens' adrenocortical response to individual separation depends on social integration. Hormones and Behavior, 2016, 78, 194-199.	1.0	31
62	Tolerance and Social Facilitation in the Foraging Behaviour of Freeâ€Ranging Crows (<i>Corvus corone) Tj ETQq0 0 0 rgBT /Overlock 10	0.5	30
63	Short-term observational spatial memory in Jackdaws (Corvus monedula) and Ravens (Corvus corax). Animal Cognition, 2008, 11, 691-698.	0.9	28
64	Shared space, individually used: spatial behaviour of non-breeding ravens (Corvus corax) close to a permanent anthropogenic food source. Journal of Ornithology, 2016, 157, 439-450.	0.5	28
65	Subadult ravens generally don't transfer valuable tokens to conspecifics when there is nothing to gain for themselves. Frontiers in Psychology, 2015, 6, 885.	1.1	27
66	Common marmoset (Callithrix jacchus) personality.. Journal of Comparative Psychology (Washington,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.3	27
67	Preferential learning from non-affiliated individuals in jackdaws (Corvus monedula). Behavioural Processes, 2008, 79, 148-155.	0.5	26
68	Inference by Exclusion in Goffin Cockatoos (Cacatua goffini). PLoS ONE, 2015, 10, e0134894.	1.1	26
69	An â€˜unkindnessâ€™ of ravens? Measuring prosocial preferences in Corvus corax. Animal Behaviour, 2017, 123, 383-393.	0.8	26
70	Sharing of science is most likely among male scientists. Scientific Reports, 2017, 7, 12927.	1.6	26
71	Socio-ecological correlates of neophobia in corvids. Current Biology, 2022, 32, 74-85.e4.	1.8	26
72	Modifying the object-choice task: Is the way you look important for ravens?. Behavioural Processes, 2008, 77, 61-65.	0.5	24

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73	Apes (Gorilla gorilla, Pan paniscus, P. troglodytes, Pongo abelii) versus corvids (Corvus corax, C.) Tj ETQq1 1 0.784314 rgBT /Overlock 1 (Washington, D C: 1983), 2012, 126, 355-367.	0.3	24
74	With whom to dine? Ravens' responses to food-associated calls depend on individual characteristics of the caller. Animal Behaviour, 2015, 99, 33-42.	0.8	24
75	GPS tracking of non-breeding ravens reveals the importance of anthropogenic food sources during their dispersal in the Eastern Alps. Environmental Epigenetics, 2016, 62, 337-344.	0.9	24
76	Why preen others? Predictors of allopreening in parrots and corvids and comparisons to grooming in great apes. Ethology, 2020, 126, 207-228.	0.5	24
77	Ontogeny of object permanence in a non-storing corvid species, the jackdaw (Corvus monedula). Animal Cognition, 2013, 16, 405-416.	0.9	23
78	Sex-specific effects of cooperative breeding and colonial nesting on prosociality in corvids. ELife, 2020, 9, .	2.8	23
79	Adjusting foraging strategies: a comparison of rural and urban common mynas (Acridotheres tristis). Animal Cognition, 2017, 20, 65-74.	0.9	21
80	Attacked ravens flexibly adjust signalling behaviour according to audience composition. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180375.	1.2	21
81	Kea (Nestor notabilis) decide early when to wait in food exchange task.. Journal of Comparative Psychology (Washington, D C: 1983), 2017, 131, 269-276.	0.3	21
82	Unrewarded Object Combinations in Captive Parrots. Animal Behavior and Cognition, 2014, 1, 470-488.	0.4	21
83	The performance of ravens on simple discrimination tasks: a preliminary study. Acta Ethologica, 2008, 11, 34-41.	0.4	18
84	Brain size and neuron numbers drive differences in yawn duration across mammals and birds. Communications Biology, 2021, 4, 503.	2.0	18
85	Crows (Corvus corone ssp.) check contingency in a mirror yet fail the mirror-mark test.. Journal of Comparative Psychology (Washington, D C: 1983), 2020, 134, 158-169.	0.3	18
86	Temporal consistency and ecological validity of personality structure in common marmosets (Callithrix jacchus): A unifying field and laboratory approach. American Journal of Primatology, 2021, 83, e23229.	0.8	17
87	Gaze direction â€“ A cue for hidden food in rooks (Corvus frugilegus)?. Behavioural Processes, 2011, 88, 88-93.	0.5	16
88	Pair bond characteristics and maintenance in freeâ€flying jackdaws Corvus monedula: effects of social context and season. Journal of Avian Biology, 2015, 46, 206-215.	0.6	16
89	Calls during agonistic interactions vary with arousal and raise audience attention in ravens. Frontiers in Zoology, 2017, 14, 57.	0.9	16
90	Cooperation with closely bonded individuals reduces cortisol levels in long-tailed macaques. Royal Society Open Science, 2020, 7, 191056.	1.1	16

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91	Dominance in a socially dynamic setting: hierarchical structure and conflict dynamics in ravens' foraging groups. Philosophical Transactions of the Royal Society B: Biological Sciences, 2022, 377, 20200446.	1.8	16
92	The <scp>EGA</scp>+<scp>GNM</scp> framework: An integrative approach to modelling behavioural syndromes. Methods in Ecology and Evolution, 2019, 10, 245-257.	2.2	15
93	Socially Driven Consistent Behavioural Differences during Development in Common Ravens and Carrion Crows. PLoS ONE, 2016, 11, e0148822.	1.1	13
94	Do monkeys compare themselves to others?. Animal Cognition, 2016, 19, 417-428.	0.9	13
95	Responses of urban crows to con- and hetero-specific alarm calls in predator and non-predator zoo enclosures. Animal Cognition, 2017, 20, 43-51.	0.9	13
96	Azure-winged magpiesâ€™ decisions to share food are contingent on the presence or absence of food for the recipient. Scientific Reports, 2020, 10, 16147.	1.6	13
97	Explorative innovators and flexible use of social information in common ravens (Corvus corax) and carrion crows (Corvus corone).. Journal of Comparative Psychology (Washington, D C: 1983), 2016, 130, 328-340.	0.3	12
98	Reconciliation and thirdâ€party affiliation in carrion crows. Ethology, 2018, 124, 33-44.	0.5	12
99	Counting crows: population structure and group size variation in an urban population of crows. Behavioral Ecology, 2019, 30, 57-67.	1.0	12
100	Common marmosets are sensitive to simple dependencies at variable distances in an artificial grammar. Evolution and Human Behavior, 2019, 40, 214-221.	1.4	12
101	Personality method validation in common marmosets (Callithrix jacchus): Getting the best of both worlds.. Journal of Comparative Psychology (Washington, D C: 1983), 2020, 134, 52-70.	0.3	12
102	Longâ€term fidelity of foraging techniques in common marmosets (Callithrix jacchus). American Journal of Primatology, 2015, 77, 264-270.	0.8	11
103	Territorial raven pairs are sensitive to structural changes in simulated acoustic displays of conspecifics. Animal Behaviour, 2016, 116, 153-162.	0.8	10
104	Raven food calls indicate senderâ€™s age and sex. Frontiers in Zoology, 2018, 15, 5.	0.9	10
105	Food calling in wild ravens (Corvus corax) revisited: Who is addressed?. Ethology, 2020, 126, 257-266.	0.5	10
106	Behavioural and Hormonal Stress Responses to Social Separation in Ravens, Corvus corax. Ethology, 2017, 123, 123-135.	0.5	9
107	Social status and prenatal testosterone exposure assessed via second-to-fourth digit ratio affect 6â€“9-year-old childrenâ€™s prosocial choices. Scientific Reports, 2018, 8, 9198.	1.6	9
108	Effect of rearing style on the development of social behaviour in young ravens (Corvus corax). Ethology, 2020, 126, 595-609.	0.5	9

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109	Beyond the dichotomy between field and lab â€" the importance of studying cognition in context. Current Opinion in Behavioral Sciences, 2022, 46, 101172.	2.0	9
110	Experimental Manipulation of Food Accessibility Affects Conflict Management Behaviour in Ravens. Ethology, 2016, 122, 114-126.	0.5	8
111	Relocations and one-time disturbance fail to sustainably disperse non-breeding common ravens Corvus corax due to homing behaviour and extensive home ranges. European Journal of Wildlife Research, 2018, 64, 1.	0.7	8
112	Crows and common ravens do not reciprocally exchange tokens with a conspecific to gain food rewards. Ethology, 2020, 126, 278-287.	0.5	8
113	Competition is crucial for social comparison processes in long-tailed macaques. Biology Letters, 2019, 15, 20180784.	1.0	7
114	Orangutans (Pongo abelii) make flexible decisions relative to reward quality and tool functionality in a multi-dimensional tool-use task. PLoS ONE, 2019, 14, e0211031.	1.1	7
115	Effects of site fidelity, group size and age on food-caching behaviour of common ravens, Corvus corax. Animal Behaviour, 2020, 164, 51-64.	0.8	7
116	Personality and social environment predict cognitive performance in common marmosets (Callithrix) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	7
117	Animal Cognition: Rooks Team up to Solve a Problem. Current Biology, 2008, 18, R530-R532.	1.8	6
118	Take the long way home: Behaviour of a neotropical frog, Allobates femoralis, in a detour task. Behavioural Processes, 2016, 126, 71-75.	0.5	6
119	Early evidence for emotional play contagion in juvenile ravens. Animal Cognition, 2021, 24, 717-729.	0.9	6
120	Who is crying wolf? Seasonal effect on antipredator response to age-specific alarm calls in common ravens, Corvus corax. Learning and Behavior, 2021, 49, 159-167.	0.5	6
121	Pigeons integrate past knowledge across sensory modalities. Animal Behaviour, 2013, 85, 605-613.	0.8	5
122	Carrion Crows and Azure-Winged Magpies Show No Prosocial Tendencies When Tested in a Token Transfer Paradigm. Animals, 2021, 11, 1526.	1.0	5
123	Measuring salivary mesotocin in birds - Seasonal differences in ravens' peripheral mesotocin levels. Hormones and Behavior, 2021, 134, 105015.	1.0	5
124	Behavioural Type Affects Space Use in a Wild Population of Crows (Corvus corone). Ethology, 2016, 122, 881-891.	0.5	4
125	Reply to Vonk: Disentangling emotional contagion from its underlying causes. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18169-18170.	3.3	4
126	Decision time modulates social foraging success in wild common ravens, Corvus corax. Ethology, 2020, 126, 413-422.	0.5	4

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127	Craving Ravens: Individual â€˜haaâ€™ Call Rates at Feeding Sites as Cues to Personality and Levels of Fission-Fusion Dynamics?. Animal Behavior and Cognition, 2014, 1, 265.	0.4	4
128	Early social environment affects attention to social cues in juvenile common ravens, Corvus corax. Royal Society Open Science, 2022, 9, .	1.1	4
129	Will food-handling time influence agonistic behaviour in sub-adult common ravens (Corvus corax)?. Behavioural Processes, 2014, 103, 67-74.	0.5	3
130	Ravens adjust their antipredatory responses to conâ€•and heteroâ€specific alarms to the perceived threat. Ethology, 2018, 124, 609-616.	0.5	3
131	Ravens respond to unfamiliar corvid alarm calls. Journal of Ornithology, 2020, 161, 967-975.	0.5	3
132	No Evidence for Contagious Yawning in Juvenile Ravens (Corvus corax): An Observational Study. Animals, 2022, 12, 1357.	1.0	3
133	Apes perform like infants in false-belief tasks. Learning and Behavior, 2017, 45, 325-326.	0.5	2
134	A technological framework for running and analyzing animal head turning experiments. Behavior Research Methods, 2018, 50, 1154-1165.	2.3	2
135	Tool Use: New Caledonian Crows Engage in Mental Planning. Current Biology, 2019, 29, R200-R202.	1.8	2
136	Sex-specific parental care during postfledging in common ravens. Animal Behaviour, 2021, 181, 95-103.	0.8	2
137	Contextual imitation in juvenile common ravens, Corvus corax. Animal Behaviour, 2020, 163, 127-134.	0.8	1
138	Testing the contagious nature of allopreening: bystander ravens are affected by conspecificsâ€™ affiliative interactions. Animal Behaviour, 2022, 184, 71-80.	0.8	1
139	Thomas Bugnyar. Current Biology, 2013, 23, R549-R551.	1.8	0
140	Catching crows: seasonality, techniques and the influence of social behaviour. Ringing and Migration, 2019, 34, 1-7.	0.2	0
141	Reply to: â€œThe data do not support the existence of an â€˜Old Boy networkâ€™ in science. Some critical comments on a study by Massen et al.â€• Scientific Reports, 2020, 10, 13783.	1.6	0