

Thomas Bugnyar

List of Publications by Year in descending order

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141
papers

5,907
citations

61857

43
h-index

88477

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, <i>Corvus corax</i> : is it "tactical" deception?. Animal Behaviour, 2002, 64, 185-195.	0.8	245
4	Ravens, <i>Corvus corax</i> , 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, <i>Corvus corax</i> , 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 (<i>Geochelone carbonaria</i>). 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 (<i>Corvus corax</i>). Scientific Reports, 2015, 5, 15021.	1.6	102
16	Novel object exploration in ravens (<i>Corvus corax</i>): Effects of social relationships. Behavioural Processes, 2006, 73, 68-75.	0.5	101
17	Gaze following in common ravens, <i>Corvus corax</i> : ontogeny and habituation. Animal Behaviour, 2007, 74, 769-778.	0.8	97
18	Knowledge "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. <i>Current Biology</i> , 2007, 17, 1804-1808.	1.8	89
20	Ravens notice dominance reversals among conspecifics within and outside their social group. <i>Nature Communications</i> , 2014, 5, 3679.	5.8	85
21	Ravens Reconcile after Aggressive Conflicts with Valuable Partners. <i>PLoS ONE</i> , 2011, 6, e18118.	1.1	85
22	Corvids can decide if a future exchange is worth waiting for. <i>Biology Letters</i> , 2012, 8, 201-204.	1.0	84
23	Reciprocity of agonistic support in ravens. <i>Animal Behaviour</i> , 2012, 83, 171-177.	0.8	84
24	Leading a conspecific away from food in ravens (<i>Corvus corax</i>)?. <i>Animal Cognition</i> , 2004, 7, 69-76.	0.9	79
25	Enhanced social learning between siblings in common ravens, <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2008, 75, 501-508.	0.8	75
26	Social bonds and rank acquisition in raven nonbreeder aggregations. <i>Animal Behaviour</i> , 2012, 84, 1507-1515.	0.8	75
27	Effects of Group Size on Approach to Novel Objects in Ravens (<i>Corvus corax</i>). <i>Ethology</i> , 2006, 112, 1079-1088.	0.5	73
28	Behavioral Responses to Inequity in Reward Distribution and Working Effort in Crows and Ravens. <i>PLoS ONE</i> , 2013, 8, e56885.	1.1	73
29	The ontogeny of caching in ravens, <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2007, 74, 757-767.	0.8	72
30	What You See Is What You Get? Exclusion Performances in Ravens and Keas. <i>PLoS ONE</i> , 2009, 4, e6368.	1.1	66
31	What constitutes "social complexity" and "social intelligence" in birds? Lessons from ravens. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 12.	0.6	66
32	Ravens Intervene in Others'™ Bonding Attempts. <i>Current Biology</i> , 2014, 24, 2733-2736.	1.8	62
33	Proactive prosociality in a cooperatively breeding corvid, the azure-winged magpie (<i>Cyanopica</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 1.0 62	1.0	62
34	Scrounging Tactics in Free-Ranging Ravens, <i>Corvus corax</i> . <i>Ethology</i> , 2002, 108, 993-1009.	0.5	56
35	Do common ravens (<i>Corvus corax</i>) rely on human or conspecific gaze cues to detect hidden food?. <i>Animal Cognition</i> , 2008, 11, 231-241.	0.9	55
36	Combinatory actions during object play in psittaciformes (<i>Diopsittaca nobilis</i> , <i>Pionites melanocephala</i> ,) Tj ETQq0 0 0 rgBT /Overlock 10 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, <i>Corvus monedula</i> . <i>PLoS ONE</i> , 2012, 7, e34922.	1.1	53
38	Partner Choice in Raven (<i>Corvus corax</i>) Cooperation. <i>PLoS ONE</i> , 2016, 11, e0156962.	1.1	51
39	Social attention in keas, dogs, and human children. <i>Animal Cognition</i> , 2009, 12, 181-192.	0.9	49
40	Social cognition in ravens. <i>Comparative Cognition and Behavior Reviews</i> , 2013, 8, 1-12.	2.0	49
41	Video demonstrations seed alternative problem-solving techniques in wild common marmosets. <i>Biology Letters</i> , 2014, 10, 20140439.	1.0	49
42	Social networks predict selective observation and information spread in ravens. <i>Royal Society Open Science</i> , 2016, 3, 160256.	1.1	49
43	Fission-fusion dynamics over large distances in raven non-breeders. <i>Scientific Reports</i> , 2017, 7, 380.	1.6	49
44	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.	0.3	47
45	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.	0.6	47
46	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, 380-386.	0.3	46
47	Animal cognition in a human-dominated world. <i>Animal Cognition</i> , 2017, 20, 1-6.	0.9	44
48	Northern bald ibises follow others' gaze into distant space but not behind barriers. <i>Biology Letters</i> , 2010, 6, 14-17.	1.0	41
49	Corticosterone excretion patterns and affiliative behavior over development in ravens (<i>Corvus</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 1</i>	1.0	40
50	Socialized sub-groups in a temporary stable Raven flock?. <i>Journal of Ornithology</i> , 2012, 153, 97-104.	0.5	39
51	Carrion Crows Cannot Overcome Impulsive Choice in a Quantitative Exchange Task. <i>Frontiers in Psychology</i> , 2012, 3, 118.	1.1	37
52	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, 961-973.	0.8	36
53	Negative emotional contagion and cognitive bias in common ravens (<i>Corvus corax</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11547-11552.	3.3	36
54	On the evolutionary and ontogenetic origins of tool-oriented behaviour in New Caledonian crows (<i>Corvus moneduloides</i>). <i>Biological Journal of the Linnean Society</i> , 2011, 102, 870-877.	0.7	35

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55	Who wants food? Individual characteristics in raven yells. <i>Animal Behaviour</i> , 2012, 84, 1123-1130.	0.8	35
56	The temporal dependence of exploration on neotic style in birds. <i>Scientific Reports</i> , 2017, 7, 4742.	1.6	34
57	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.	0.9	33
58	Memory, transmission and persistence of alternative foraging techniques in wild common marmosets. <i>Animal Behaviour</i> , 2014, 91, 79-91.	0.8	33
59	Ontogeny of Social Relations and Coalition Formation in Common Ravens (<i>Corvus corax</i>). <i>International Journal of Comparative Psychology</i> , 2012, 25, 180-194.	1.0	33
60	Object permanence in the Goffin cockatoo (<i>Cacatua goffini</i>).. <i>Journal of Comparative Psychology</i> (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. <i>Hormones and Behavior</i> , 2016, 78, 194-199.	1.0	31
62	Tolerance and Social Facilitation in the Foraging Behaviour of Free-Ranging Crows (<i>Corvus corone</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	30
63	Short-term observational spatial memory in Jackdaws (<i>Corvus monedula</i>) and Ravens (<i>Corvus corax</i>). <i>Animal Cognition</i> , 2008, 11, 691-698.	0.9	28
64	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.	0.5	28
65	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.	1.1	27
66	Common marmoset (<i>Callithrix jacchus</i>) personality.. <i>Journal of Comparative Psychology</i> (Washington,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	27
67	Preferential learning from non-affiliated individuals in jackdaws (<i>Corvus monedula</i>). <i>Behavioural Processes</i> , 2008, 79, 148-155.	0.5	26
68	Inference by Exclusion in Goffin Cockatoos (<i>Cacatua goffini</i>). <i>PLoS ONE</i> , 2015, 10, e0134894.	1.1	26
69	An "unkindness"™ of ravens? Measuring prosocial preferences in <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2017, 123, 383-393.	0.8	26
70	Sharing of science is most likely among male scientists. <i>Scientific Reports</i> , 2017, 7, 12927.	1.6	26
71	Socio-ecological correlates of neophobia in corvids. <i>Current Biology</i> , 2022, 32, 74-85.e4.	1.8	26
72	Modifying the object-choice task: Is the way you look important for ravens?. <i>Behavioural Processes</i> , 2008, 77, 61-65.	0.5	24

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73	Apes (<i>Gorilla gorilla</i> , <i>Pan paniscus</i> , <i>P. troglodytes</i> , <i>Pongo abelii</i>) versus corvids (<i>Corvus corax</i> , C.) Tj ETQq1 1 0.784314 rgBT /Overlock (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. <i>Animal Behaviour</i> , 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. <i>Environmental Epigenetics</i> , 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. <i>Ethology</i> , 2020, 126, 207-228.	0.5	24
77	Ontogeny of object permanence in a non-storing corvid species, the jackdaw (<i>Corvus monedula</i>). <i>Animal Cognition</i> , 2013, 16, 405-416.	0.9	23
78	Sex-specific effects of cooperative breeding and colonial nesting on prosociality in corvids. <i>ELife</i> , 2020, 9, .	2.8	23
79	Adjusting foraging strategies: a comparison of rural and urban common mynas (<i>Acridotheres tristis</i>). <i>Animal Cognition</i> , 2017, 20, 65-74.	0.9	21
80	Attacked ravens flexibly adjust signalling behaviour according to audience composition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180375.	1.2	21
81	Kea (<i>Nestor notabilis</i>) decide early when to wait in food exchange task.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2017, 131, 269-276.	0.3	21
82	Unrewarded Object Combinations in Captive Parrots. <i>Animal Behavior and Cognition</i> , 2014, 1, 470-488.	0.4	21
83	The performance of ravens on simple discrimination tasks: a preliminary study. <i>Acta Ethologica</i> , 2008, 11, 34-41.	0.4	18
84	Brain size and neuron numbers drive differences in yawn duration across mammals and birds. <i>Communications Biology</i> , 2021, 4, 503.	2.0	18
85	Crows (<i>Corvus corone</i> ssp.) check contingency in a mirror yet fail the mirror-mark test.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2020, 134, 158-169.	0.3	18
86	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.	0.8	17
87	Gaze direction " A cue for hidden food in rooks (<i>Corvus frugilegus</i>)?. <i>Behavioural Processes</i> , 2011, 88, 88-93.	0.5	16
88	Pair bond characteristics and maintenance in free-flying jackdaws <i>Corvus monedula</i> : effects of social context and season. <i>Journal of Avian Biology</i> , 2015, 46, 206-215.	0.6	16
89	Calls during agonistic interactions vary with arousal and raise audience attention in ravens. <i>Frontiers in Zoology</i> , 2017, 14, 57.	0.9	16
90	Cooperation with closely bonded individuals reduces cortisol levels in long-tailed macaques. <i>Royal Society Open Science</i> , 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. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2022, 377, 20200446.	1.8	16
92	The <sc>EGA</sc>+<sc>GNM</sc> framework: An integrative approach to modelling behavioural syndromes. <i>Methods in Ecology and Evolution</i> , 2019, 10, 245-257.	2.2	15
93	Socially Driven Consistent Behavioural Differences during Development in Common Ravens and Carrion Crows. <i>PLoS ONE</i> , 2016, 11, e0148822.	1.1	13
94	Do monkeys compare themselves to others?. <i>Animal Cognition</i> , 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. <i>Animal Cognition</i> , 2017, 20, 43-51.	0.9	13
96	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.	1.6	13
97	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.	0.3	12
98	Reconciliation and third-party affiliation in carrion crows. <i>Ethology</i> , 2018, 124, 33-44.	0.5	12
99	Counting crows: population structure and group size variation in an urban population of crows. <i>Behavioral Ecology</i> , 2019, 30, 57-67.	1.0	12
100	Common marmosets are sensitive to simple dependencies at variable distances in an artificial grammar. <i>Evolution and Human Behavior</i> , 2019, 40, 214-221.	1.4	12
101	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.	0.3	12
102	Long-term fidelity of foraging techniques in common marmosets (<i>Callithrix jacchus</i>). <i>American Journal of Primatology</i> , 2015, 77, 264-270.	0.8	11
103	Territorial raven pairs are sensitive to structural changes in simulated acoustic displays of conspecifics. <i>Animal Behaviour</i> , 2016, 116, 153-162.	0.8	10
104	Raven food calls indicate sender's age and sex. <i>Frontiers in Zoology</i> , 2018, 15, 5.	0.9	10
105	Food calling in wild ravens (<i>Corvus corax</i>) revisited: Who is addressed?. <i>Ethology</i> , 2020, 126, 257-266.	0.5	10
106	Behavioural and Hormonal Stress Responses to Social Separation in Ravens, <i>Corvus corax</i> . <i>Ethology</i> , 2017, 123, 123-135.	0.5	9
107	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.	1.6	9
108	Effect of rearing style on the development of social behaviour in young ravens (<i>Corvus corax</i>). <i>Ethology</i> , 2020, 126, 595-609.	0.5	9

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109	Beyond the dichotomy between field and lab – the importance of studying cognition in context. <i>Current Opinion in Behavioral Sciences</i> , 2022, 46, 101172.	2.0	9
110	Experimental Manipulation of Food Accessibility Affects Conflict Management Behaviour in Ravens. <i>Ethology</i> , 2016, 122, 114-126.	0.5	8
111	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.	0.7	8
112	Crows and common ravens do not reciprocally exchange tokens with a conspecific to gain food rewards. <i>Ethology</i> , 2020, 126, 278-287.	0.5	8
113	Competition is crucial for social comparison processes in long-tailed macaques. <i>Biology Letters</i> , 2019, 15, 20180784.	1.0	7
114	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.	1.1	7
115	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.	0.8	7
116	Personality and social environment predict cognitive performance in common marmosets (<i>Callithrix</i>). <i>Journal of Experimental Biology</i> , 2021, 234, 181-188.	1.6	7
117	Animal Cognition: Rooks Team up to Solve a Problem. <i>Current Biology</i> , 2008, 18, R530-R532.	1.8	6
118	Take the long way home: Behaviour of a neotropical frog, <i>Allobates femoralis</i> , in a detour task. <i>Behavioural Processes</i> , 2016, 126, 71-75.	0.5	6
119	Early evidence for emotional play contagion in juvenile ravens. <i>Animal Cognition</i> , 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, <i>Corvus corax</i> . <i>Learning and Behavior</i> , 2021, 49, 159-167.	0.5	6
121	Pigeons integrate past knowledge across sensory modalities. <i>Animal Behaviour</i> , 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. <i>Animals</i> , 2021, 11, 1526.	1.0	5
123	Measuring salivary mesotocin in birds - Seasonal differences in ravens' peripheral mesotocin levels. <i>Hormones and Behavior</i> , 2021, 134, 105015.	1.0	5
124	Behavioural Type Affects Space Use in a Wild Population of Crows (<i>Corvus corone</i>). <i>Ethology</i> , 2016, 122, 881-891.	0.5	4
125	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.	3.3	4
126	Decision time modulates social foraging success in wild common ravens, <i>Corvus corax</i> . <i>Ethology</i> , 2020, 126, 413-422.	0.5	4

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127	Craving Ravens: Individual "Call Rates at Feeding Sites as Cues to Personality and Levels of Fission-Fusion Dynamics?. <i>Animal Behavior and Cognition</i> , 2014, 1, 265.	0.4	4
128	Early social environment affects attention to social cues in juvenile common ravens, <i>Corvus corax</i> . <i>Royal Society Open Science</i> , 2022, 9, .	1.1	4
129	Will food-handling time influence agonistic behaviour in sub-adult common ravens (<i>Corvus corax</i>)?. <i>Behavioural Processes</i> , 2014, 103, 67-74.	0.5	3
130	Ravens adjust their antipredatory responses to conspecific and heterospecific alarms to the perceived threat. <i>Ethology</i> , 2018, 124, 609-616.	0.5	3
131	Ravens respond to unfamiliar corvid alarm calls. <i>Journal of Ornithology</i> , 2020, 161, 967-975.	0.5	3
132	No Evidence for Contagious Yawning in Juvenile Ravens (<i>Corvus corax</i>): An Observational Study. <i>Animals</i> , 2022, 12, 1357.	1.0	3
133	Apes perform like infants in false-belief tasks. <i>Learning and Behavior</i> , 2017, 45, 325-326.	0.5	2
134	A technological framework for running and analyzing animal head turning experiments. <i>Behavior Research Methods</i> , 2018, 50, 1154-1165.	2.3	2
135	Tool Use: New Caledonian Crows Engage in Mental Planning. <i>Current Biology</i> , 2019, 29, R200-R202.	1.8	2
136	Sex-specific parental care during postfledging in common ravens. <i>Animal Behaviour</i> , 2021, 181, 95-103.	0.8	2
137	Contextual imitation in juvenile common ravens, <i>Corvus corax</i> . <i>Animal Behaviour</i> , 2020, 163, 127-134.	0.8	1
138	Testing the contagious nature of allopreening: bystander ravens are affected by conspecifics' affiliative interactions. <i>Animal Behaviour</i> , 2022, 184, 71-80.	0.8	1
139	Thomas Bugnyar. <i>Current Biology</i> , 2013, 23, R549-R551.	1.8	0
140	Catching crows: seasonality, techniques and the influence of social behaviour. <i>Ringing and Migration</i> , 2019, 34, 1-7.	0.2	0
141	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.	1.6	0