Ludwig Huber

List of Publications by Year in descending order

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50170 64668 7,665 162 46 79 citations h-index g-index papers 171 171 171 4257 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Selective Imitation in Domestic Dogs. Current Biology, 2007, 17, 868-872.	1.8	668
2	True imitation in marmosets. Animal Behaviour, 2000, 60, 195-202.	0.8	341
3	Social Cognition and the Evolution of Language: Constructing Cognitive Phylogenies. Neuron, 2010, 65, 795-814.	3.8	263
4	The absence of reward induces inequity aversion in dogs. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 340-345.	3.3	207
5	Dogs Can Discriminate Emotional Expressions of Human Faces. Current Biology, 2015, 25, 601-605.	1.8	176
6	Flexibility in Problem Solving and Tool Use of Kea and New Caledonian Crows in a Multi Access Box Paradigm. PLoS ONE, 2011, 6, e20231.	1.1	171
7	Social learning in a non-social reptile (<i>Geochelone carbonaria</i>). Biology Letters, 2010, 6, 614-616.	1.0	165
8	Push or pull: an experimental study on imitation in marmosets. Animal Behaviour, 1997, 54, 817-831.	0.8	159
9	Technical intelligence in animals: the kea model. Animal Cognition, 2006, 9, 295-305.	0.9	155
10	Obey or Not Obey? Dogs (Canis familiaris) Behave Differently in Response to Attentional States of Their Owners Journal of Comparative Psychology (Washington, D C: 1983), 2006, 120, 169-175.	0.3	139
11	Inferential reasoning by exclusion in pigeons, dogs, and humans. Animal Cognition, 2008, 11, 587-597.	0.9	125
12	The repeatability of cognitive performance: a meta-analysis. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170281.	1.8	114
13	A case of quick problem solving in birds: string pulling in keas, Nestor notabilis. Animal Behaviour, 2006, 71, 855-863.	0.8	109
14	Social learning affects object exploration and manipulation in keas, Nestor notabilis. Animal Behaviour, 2001, 62, 945-954.	0.8	107
15	The evolution of imitation: what do the capacities of non-human animals tell us about the mechanisms of imitation?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 2299-2309.	1.8	107
16	The Importance of the Secure Base Effect for Domestic Dogs – Evidence from a Manipulative Problem-Solving Task. PLoS ONE, 2013, 8, e65296.	1.1	107
17	Gaze following in the red-footed tortoise (Geochelone carbonaria). Animal Cognition, 2010, 13, 765-769.	0.9	105
18	Lateralized cognition: Asymmetrical and complementary strategies of pigeons during discrimination of the "human concept― Cognition, 2007, 104, 315-344.	1.1	94

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19	Visual categorization of natural stimuli by domestic dogs. Animal Cognition, 2008, 11, 339-347.	0.9	94
20	Imitation as Faithful Copying of a Novel Technique in Marmoset Monkeys. PLoS ONE, 2007, 2, e611.	1.1	92
21	Categorical learning in pigeons: the role of texture and shape in complex static stimuli. Vision Research, 1999, 39, 353-366.	0.7	88
22	Dogs' attention towards humans depends on their relationship, not only on social familiarity. Animal Cognition, 2013, 16, 435-443.	0.9	88
23	Social learning by imitation in a reptile (Pogona vitticeps). Animal Cognition, 2015, 18, 325-331.	0.9	88
24	Testing social learning in a wild mountain parrot, the kea (Nestor notabilis). Learning and Behavior, 2004, 32, 62-71.	3.4	87
25	Object Permanence in Common Marmosets (Callithrix jacchus) Journal of Comparative Psychology (Washington, D C: 1983), 2004, 118, 103-112.	0.3	84
26	Social contact influences the response of infant marmosets towards novel food. Animal Behaviour, 2006, 72, 365-372.	0.8	81
27	Discrimination of familiar human faces in dogs (Canis familiaris). Learning and Motivation, 2013, 44, 258-269.	0.6	78
28	Social influences on the development of foraging behavior in free-living common marmosets (Callithrix jacchus). American Journal of Primatology, 2006, 68, 1150-1160.	0.8	76
29	Limited spread of innovation in a wild parrot, the kea (Nestor notabilis). Animal Cognition, 2006, 9, 173-181.	0.9	72
30	Investigating emotional contagion in dogs (Canis familiaris) to emotional sounds of humans and conspecifics. Animal Cognition, 2017, 20, 703-715.	0.9	72
31	Dogs demonstrate perspective taking based on geometrical gaze following in a Guesser–Knower task. Animal Cognition, 2017, 20, 581-589.	0.9	72
32	Cognitive Aging in Dogs. Gerontology, 2018, 64, 165-171.	1.4	71
33	The role of item- and category-specific information in the discrimination of people versus nonpeople images by pigeons. Learning and Behavior, 2001, 29, 107-119.	3.4	68
34	Social factors determine cooperation in marmosets. Animal Behaviour, 2002, 64, 771-781.	0.8	67
35	What You See Is What You Get? Exclusion Performances in Ravens and Keas. PLoS ONE, 2009, 4, e6368.	1.1	66
36	Dogs' Expectation about Signalers' Body Size by Virtue of Their Growls. PLoS ONE, 2010, 5, e15175.	1.1	66

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37	Measures of Dogs' Inhibitory Control Abilities Do Not Correlate across Tasks. Frontiers in Psychology, 2017, 8, 849.	1.1	66
38	Cold-Blooded Cognition: Reptilian Cognitive Abilities. , 0, , 129-143.		65
39	Lifespan development of attentiveness in domestic dogs: drawing parallels with humans. Frontiers in Psychology, 2014, 5, 71.	1.1	65
40	The effect of ostensive cues on dogs' performance in a manipulative social learning task. Applied Animal Behaviour Science, 2009, 120, 170-178.	0.8	62
41	Kea (<i>Nestor notabilis</i>) consider spatial relationships between objects in the support problem. Biology Letters, 2009, 5, 455-458.	1.0	60
42	Social learning and mother's behavior in manipulative tasks in infant marmosets. American Journal of Primatology, 2009, 71, 503-509.	0.8	57
43	Evidence of heterospecific referential communication from domestic horses (Equus caballus) to humans. Animal Cognition, 2016, 19, 899-909.	0.9	57
44	Flexible compensation of uniparental care: female poison frogs take over when males disappear. Behavioral Ecology, 2015, 26, 1219-1225.	1.0	54
45	The Processing of Human Emotional Faces by Pet and Lab Dogs: Evidence for Lateralization and Experience Effects. PLoS ONE, 2016, 11, e0152393.	1.1	53
46	Female but not male dogs respond to a size constancy violation. Biology Letters, 2011, 7, 689-691.	1.0	52
47	Aging effects on discrimination learning, logical reasoning and memory in pet dogs. Age, 2016, 38, 6.	3.0	51
48	Social attention in keas, dogs, and human children. Animal Cognition, 2009, 12, 181-192.	0.9	49
49	The Predictive Value of Early Behavioural Assessments in Pet Dogs – A Longitudinal Study from Neonates to Adults. PLoS ONE, 2014, 9, e101237.	1.1	49
50	Automatic imitation in dogs. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 211-217.	1.2	48
51	Reasoning by exclusion in the kea (Nestor notabilis). Animal Cognition, 2016, 19, 965-975.	0.9	47
52	Animal logics: Decisions in the absence of human language. Animal Cognition, 2006, 9, 235-245.	0.9	46
53	Training for eye contact modulates gaze following in dogs. Animal Behaviour, 2015, 106, 27-35.	0.8	46
54	Natural Categorization through Multiple Feature Learning in Pigeons. Quarterly Journal of Experimental Psychology Section B: Comparative and Physiological Psychology, 2000, 53, 341-357.	2.8	44

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55	Do capuchin monkeys use weight to select hammer tools?. Animal Cognition, 2008, 11, 413-422.	0.9	44
56	Target-defining features in a "people-present/people-absent―discrimination task by pigeons. Learning and Behavior, 2002, 30, 165-176.	3.4	43
57	The Maintenance of Traditions in Marmosets: Individual Habit, Not Social Conformity? A Field Experiment. PLoS ONE, 2009, 4, e4472.	1.1	43
58	The advantage of objects over images in discrimination and reversal learning by kea, Nestor notabilis. Animal Behaviour, 2015, 101, 51-60.	0.8	43
59	Attention in common marmosets: implications for social-learning experiments. Animal Behaviour, 2007, 73, 1033-1041.	0.8	42
60	Domestic dogs (Canis familiaris) flexibly adjust their human-directed behavior to the actions of their human partners in a problem situation. Animal Cognition, 2012, 15, 57-71.	0.9	42
61	Big brains are not enough: performance of three parrot species in the trap-tube paradigm. Animal Cognition, 2011, 14, 143-149.	0.9	39
62	Brief owner absence does not induce negative judgement bias in pet dogs. Animal Cognition, 2012, 15, 1031-1035.	0.9	38
63	Aging of Attentiveness in Border Collies and Other Pet Dog Breeds: The Protective Benefits of Lifelong Training. Frontiers in Aging Neuroscience, 2017, 9, 100.	1.7	38
64	Production and perception rules underlying visual patterns: effects of symmetry and hierarchy. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 2007-2022.	1.8	37
65	The Vienna comparative cognition technology (VCCT): An innovative operant conditioning system for various species and experimental procedures. Behavior Research Methods, 2012, 44, 909-918.	2.3	36
66	Exploring the dog–human relationship by combining fMRI, eye-tracking and behavioural measures. Scientific Reports, 2020, 10, 22273.	1.6	36
67	Inhibitory Control, but Not Prolonged Object-Related Experience Appears to Affect Physical Problem-Solving Performance of Pet Dogs. PLoS ONE, 2016, 11, e0147753.	1.1	35
68	Navigating a tool end in a specific direction: stick-tool use in kea (<i>Nestor notabilis</i>). Biology Letters, 2011, 7, 825-828.	1.0	34
69	The temporal dependence of exploration on neotic style in birds. Scientific Reports, 2017, 7, 4742.	1.6	34
70	Kea, Nestor notabilis, produce dynamic relationships between objects in a second-order tool use task. Animal Behaviour, 2010, 80, 783-789.	0.8	33
71	How do keas (Nestor notabilis) solve artificial-fruit problems with multiple locks?. Animal Cognition, 2011, 14, 45-58.	0.9	33
72	Picture–object recognition in the tortoise Chelonoidis carbonaria. Animal Cognition, 2013, 16, 99-107.	0.9	33

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73	Picture-object recognition in pigeons: Evidence of representational insight in a visual categorization task using a complementary information procedure Journal of Experimental Psychology, 2006, 32, 190-195.	1.9	32
74	Part-Based and Configural Processing of Owner's Face in Dogs. PLoS ONE, 2014, 9, e108176.	1.1	32
75	Pigeons can discriminate group mates from strangers using the concept of familiarity. Animal Behaviour, 2010, 80, 109-115.	0.8	31
76	Touchscreen performance and knowledge transfer in the red-footed tortoise (Chelonoidis) Tj ETQq0 0 0 rgBT /O	verlock 10 0.5	Tf 50 622 Td
77	Personality traits in companion dogs—Results from the VIDOPET. PLoS ONE, 2018, 13, e0195448.	1.1	30
78	Elemental versus configural perception in a people-present/people-absent discrimination task by pigeons. Learning and Behavior, 2003, 31, 213-224.	3.4	29
79	Does the Use of Natural Stimuli Facilitate Amodal Completion in Pigeons?. Perception, 2006, 35, 333-349.	0.5	29
80	Does the A-not-B error in adult pet dogs indicate sensitivity to human communication?. Animal Cognition, 2012, 15, 737-743.	0.9	28
81	Adopt, ignore, or kill? Male poison frogs adjust parental decisions according to their territorial status. Scientific Reports, 2017, 7, 43544.	1.6	28
82	Saltatory Search in Free-Living Callithrix jacchus: Environmental and Age Influences. International Journal of Primatology, 2007, 28, 881-893.	0.9	27
83	Discrimination of face-like patterns in the giant panda (Ailuropoda melanoleuca) Journal of Comparative Psychology (Washington, D C: 1983), 2008, 122, 335-343.	0.3	27
84	No evidence of contagious yawning in the red-footed tortoise Geochelone carbonaria. Environmental Epigenetics, 2011, 57, 477-484.	0.9	27
85	Have We Met Before? Pigeons Recognise Familiar Human Faces. Avian Biology Research, 2012, 5, 75-80.	0.4	27
86	Sex-specific offspring discrimination reflects respective risks and costs of misdirected care in a poison frog. Animal Behaviour, 2016, 114, 173-179.	0.8	27
87	Utilising dog-computer interactions to provide mental stimulation in dogs especially during ageing. , 2017, 2017, .		27
88	Inference by Exclusion in Goffin Cockatoos (Cacatua goffini). PLoS ONE, 2015, 10, e0134894.	1.1	26
89	How Dogs Perceive and Understand Us. Current Directions in Psychological Science, 2016, 25, 339-344.	2.8	26
90	Tolerated mouth-to-mouth food transfers in common marmosets. Primates, 2008, 49, 153-156.	0.7	25

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91	Hunting strategies in wild common marmosets are prey and age dependent. American Journal of Primatology, 2010, 72, 1039-1046.	0.8	25
92	Task Differences and Prosociality; Investigating Pet Dogs' Prosocial Preferences in a Token Choice Paradigm. PLoS ONE, 2016, 11, e0167750.	1.1	25
93	Would dogs copy irrelevant actions from their human caregiver?. Learning and Behavior, 2018, 46, 387-397.	0.5	25
94	A New Learning Paradigm Elicits Fast Visual Discrimination in Pigeons Journal of Experimental Psychology, 2005, 31, 237-246.	1.9	24
95	Representational insight in pigeons: comparing subjects with and without real-life experience. Animal Cognition, 2010, 13, 207-218.	0.9	24
96	Using an Innovation Arena to compare wild-caught and laboratory Goffin's cockatoos. Scientific Reports, 2020, 10, 8681.	1.6	24
97	Individual and group level trajectories of behavioural development in Border collies. Applied Animal Behaviour Science, 2016, 180, 78-86.	0.8	23
98	Training pet dogs for eye-tracking and awake fMRI. Behavior Research Methods, 2020, 52, 838-856.	2.3	23
99	What a Parrot's Mind Adds to Play: The Urge to Produce Novelty Fosters Tool Use Acquisition in Kea. Open Journal of Animal Sciences, 2014, 04, 51-58.	0.2	23
100	Radial-arm-maze behavior of the red-footed tortoise (Geochelone carbonaria) Journal of Comparative Psychology (Washington, D C: 1983), 2012, 126, 305-317.	0.3	21
101	Selective overimitation in dogs. Learning and Behavior, 2020, 48, 113-123.	0.5	21
102	Wild Goffin's cockatoos flexibly manufacture and use tool sets. Current Biology, 2021, 31, 4512-4520.e6.	1.8	21
103	Do Owners Have a Clever Hans Effect on Dogs? Results of a Pointing Study. Frontiers in Psychology, 2012, 3, 558.	1.1	20
104	Understanding dog cognition by functional magnetic resonance imaging. Learning and Behavior, 2017, 45, 101-102.	0.5	20
105	Pigeons use item-specific and category-level information in the identification and categorization of human faces Journal of Experimental Psychology, 2003, 29, 261-276.	1.9	19
106	Dogs (Canis familiaris) can learn to attend to connectivity in string pulling tasks Journal of Comparative Psychology (Washington, D C: 1983), 2014, 128, 31-39.	0.3	19
107	How Dogs Perceive Humans and How Humans Should Treat Their Pet Dogs: Linking Cognition With Ethics. Frontiers in Psychology, 2020, 11, 584037.	1.1	19
108	Dogs imitate selectively, not necessarily rationally: reply to Kaminski etÂal. (2011). Animal Behaviour, 2012, 83, e1-e3.	0.8	18

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109	Movement imitation as faithful copying in the absence of insight. Behavioral and Brain Sciences, 1998, 21, 694-694.	0.4	17
110	Keas rely on social information in a tool use task but abandon it in favour of overt exploration. Interaction Studies, 2011, 12, 304-323.	0.4	17
111	Neural Responses of Pet Dogs Witnessing Their Caregiver's Positive Interactions with a Conspecific: An fMRI Study. Cerebral Cortex Communications, 2021, 2, tgab047.	0.7	17
112	Honest signaling in domestic piglets (<i>Sus scrofa domesticus</i>): vocal allometry and the information content of grunt calls. Journal of Experimental Biology, 2016, 219, 1913-21.	0.8	15
113	Pigs (Sus scrofa domesticus) categorize pictures of human heads. Applied Animal Behaviour Science, 2018, 205, 19-27.	0.8	15
114	Tailored haemodynamic response function increases detection power of fMRI in awake dogs (Canis) Tj ETQq0 0 C) rgBT /Ov	erlock 10 Tf 5
115	Kea (Nestor notabilis) show flexibility and individuality in within-session reversal learning tasks. Animal Cognition, 2021, 24, 1339-1351.	0.9	15
116	Dogs learn to solve the support problem based on perceptual cues. Animal Cognition, 2014, 17, 1071-1080.	0.9	13
117	Extending the Reach of Tooling Theory: A Neurocognitive and Phylogenetic Perspective. Topics in Cognitive Science, 2021, 13, 548-572.	1.1	13
118	What Are the Ingredients for an Inequity Paradigm? Manipulating the Experimenter's Involvement in an Inequity Task with Dogs. Frontiers in Psychology, 2017, 8, 270.	1.1	12
119	Paying attention pays off: Kea improve in looseâ€string cooperation by attending to partner. Ethology, 2020, 126, 246-256.	0.5	12
120	Choice of conflict resolution strategy is linked to sociability in dog puppies. Applied Animal Behaviour Science, 2013, 149, 36-44.	0.8	11
121	Longâ€ŧerm fidelity of foraging techniques in common marmosets (<i>Callithrix jacchus</i>). American Journal of Primatology, 2015, 77, 264-270.	0.8	11
122	Object movement re-enactment in free-ranging Kune Kune piglets. Animal Behaviour, 2017, 132, 49-59.	0.8	11
123	Tactile information improves visual object discrimination in kea, Nestor notabilis, and capuchin monkeys, Sapajus spp Animal Behaviour, 2018, 135, 199-207.	0.8	11
124	Dog Imitation and Its Possible Origins. , 2014, , 79-100.		11
125	Limits of dynamic object perception in pigeons: Dynamic stimulus presentation does not enhance perception and discrimination of complex shape. Learning and Behavior, 2006, 34, 71-85.	0.5	10
126	Pigeons discriminate objects on the basis of abstract familiarity. Animal Cognition, 2013, 16, 983-992.	0.9	10

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127	Dogs accurately track a moving object on a screen and anticipate its destination. Scientific Reports, 2020, 10, 19832.	1.6	10
128	Dogs' use of the solidity principle: revisited. Animal Cognition, 2014, 17, 821-825.	0.9	9
129	The ALDB box: Automatic testing of cognitive performance in groups of aviary-housed pigeons. Behavior Research Methods, 2015, 47, 162-171.	2.3	9
130	The effect of brumation on memory retention. Scientific Reports, 2017, 7, 40079.	1.6	9
131	Effect of Age and Dietary Intervention on Discrimination Learning in Pet Dogs. Frontiers in Psychology, 2018, 9, 2217.	1.1	9
132	Natural Categorization through Multiple Feature Learning in Pigeons. , 0, .		9
133	Oviposition and father presence reduce clutch cannibalism by female poison frogs. Frontiers in Zoology, 2019, 16, 8.	0.9	8
134	Dogs follow human misleading suggestions more often when the informant has a false belief. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210906.	1.2	8
135	Cooperation in Keas: Social and Cognitive Factors. , 2008, , 99-119.		8
136	The role of skin-related information in pigeons' categorization and recognition of humans in pictures. Vision Research, 2010, 50, 1941-1948.	0.7	7
137	Dogs' looking times and pupil dilation response reveal expectations about contact causality. Biology Letters, 2021, 17, 20210465.	1.0	7
138	Overimitation in Dogs: Is There a Link to the Quality of the Relationship with the Caregiver?. Animals, 2022, 12, 326.	1.0	6
139	The use of a displacement device negatively affects the performance of dogs (Canis familiaris) in visible object displacement tasks Journal of Comparative Psychology (Washington, D C: 1983), 2014, 128, 240-250.	0.3	5
140	Partial rewarding during clicker training does not improve naÃ⁻ve dogs' learning speed and induces a pessimistic-like affective state. Animal Cognition, 2021, 24, 107-119.	0.9	5
141	Social and Physical Cognition in Marmosets and Tamarins. , 2009, , 183-201.		5
142	Evolution of cognition: A comparative approach. , 2012, , 135-152.		4
143	Where is the evidence for general intelligence in nonhuman animals?. Behavioral and Brain Sciences, 2017, 40, e206.	0.4	4
144	Vocal development in nestling kea parrots (<i>Nestor notabilis</i>). Bioacoustics, 2021, 30, 142-162.	0.7	4

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145	Emulation learning: the integration of technical and social cognition. , 0, , 427-440.		3
146	Common marmosets (Callithrix jacchus) do not utilize social information in three simultaneous social foraging tasks. Animal Cognition, 2007, 10, 149-158.	0.9	3
147	Recognition of rotated objects and cognitive offloading in dogs. IScience, 2022, 25, 103820.	1.9	3
148	Animal-computer technology meets social behaviour., 2017,,.		2
149	Experimental Tests for Measuring Individual Attentional Characteristics in Songbirds. Animals, 2021, 11, 2233.	1.0	2
150	Brains are not just neurons. Physics of Life Reviews, 2014, 11, 373-374.	1.5	1
151	Canine cognition. Learning and Behavior, 2018, 46, 333-334.	0.5	1
152	Kea Nestor notabilis mothers produce nestâ€specific calls with low amplitude and high entropy. Ibis, 2020, 162, 1012-1023.	1.0	1
153	Are free-ranging Kune Kune pigs (Sus scrofa domesticus) able to solve a cooperative task?. Applied Animal Behaviour Science, 2021, 240, 105340.	0.8	1
154	Vocal conditioning in kea parrots (Nestor notabilis) Journal of Comparative Psychology (Washington, D C: 1983), 2018, 132, 97-105.	0.3	1
155	A Modified Feature Theory as an Account of Pigeon Visual Categorization. , 2009, , 325-342.		0
156	A Modified Feature Theory as an Account of Pigeon Visual Categorization., 2012,,.		0
157	How Does the Protoconsciousness Concept of Dreaming Fit with Your Model of the Animal Mind? Do Dogs, Parrots, and Monkeys "Think―Without Words?. Vienna Circle Institute Library, 2014, , 143-148.	0.1	0
158	Ludwig Huber. , 2017, , 1-5.		0
159	The Smart Set. Inference, 2018, 3, .	0.0	0
160	Doppelt gewitzt. Inference, 2018, 3, .	0.0	0
161	Ludwig Huber. , 2022, , 4026-4030.		0
162	How to improve data quality in dog eye tracking. Behavior Research Methods, 0, , .	2.3	0