

MÃ¡rta GÃ¡csi

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

5,054
citations

126907

33
h-index

95266

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101
all docs

101
docs citations

101
times ranked

1899
citing authors

#	ARTICLE	IF	CITATIONS
1	Attachment towards the Owner Is Associated with Spontaneous Sleep EEG Parameters in Family Dogs. <i>Animals</i> , 2022, 12, 895.	2.3	4
2	Evaluating ADHD Assessment for Dogs: A Replication Study. <i>Animals</i> , 2022, 12, 807.	2.3	3
3	Differences in dogsâ€™ event-related potentials in response to human and dog vocal stimuli; a non-invasive study. <i>Royal Society Open Science</i> , 2022, 9, 211769.	2.4	7
4	Go/No-Go Procedure. , 2022, , 2975-2980.		0
5	Non-invasive sleep EEG measurement in hand raised wolves. <i>Scientific Reports</i> , 2022, 12, .	3.3	1
6	Chasing perception in domestic cats and dogs. <i>Animal Cognition</i> , 2022, 25, 1589-1597.	1.8	4
7	Towards the automatic observation and coding of simple behaviours in ethological experiments. , 2021, , .		0
8	The relationship between functional breed selection and attachment pattern in family dogs (canis) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.9	12
9	Towards the automatic observation and evaluation of ethologically inspired Human-Robot Interaction. , 2021, , .		4
10	Interhemispheric asymmetry during NREM sleep in the dog. <i>Scientific Reports</i> , 2021, 11, 18817.	3.3	8
11	Social relationship-dependent neural response to speech in dogs. <i>NeuroImage</i> , 2021, 243, 118480.	4.2	10
12	Developmental features of sleep electrophysiology in family dogs. <i>Scientific Reports</i> , 2021, 11, 22760.	3.3	5
13	Sleep in the dog: comparative, behavioral and translational relevance. <i>Current Opinion in Behavioral Sciences</i> , 2020, 33, 25-33.	3.9	34
14	Comparative Brain Imaging Reveals Analogous and Divergent Patterns of Species and Face Sensitivity in Humans and Dogs. <i>Journal of Neuroscience</i> , 2020, 40, 8396-8408.	3.6	25
15	Longitudinal Volumetric Assessment of Ventricular Enlargement in Pet Dogs Trained for Functional Magnetic Resonance Imaging (fMRI) Studies. <i>Veterinary Sciences</i> , 2020, 7, 127.	1.7	2
16	Comparing the tractability of young hand-raised wolves (<i>Canis lupus</i>) and dogs (<i>Canis familiaris</i>). <i>Scientific Reports</i> , 2020, 10, 14678.	3.3	11
17	Multilevel fMRI adaptation for spoken word processing in the awake dog brain. <i>Scientific Reports</i> , 2020, 10, 11968.	3.3	14
18	Artificial sounds following biological rules: A novel approach for non-verbal communication in HRI. <i>Scientific Reports</i> , 2020, 10, 7080.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Assistance and Therapy Dogs Are Better Problem Solvers Than Both Trained and Untrained Family Dogs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 164.	2.2	12
20	On the Face of It: No Differential Sensitivity to Internal Facial Features in the Dog Brain. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 25.	2.0	17
21	Repetition enhancement to voice identities in the dog brain. <i>Scientific Reports</i> , 2020, 10, 3989.	3.3	12
22	Movement and vocal intonation together evoke social referencing in companion dogs when confronted with a suspicious stranger. <i>Animal Cognition</i> , 2020, 23, 913-924.	1.8	9
23	Dogs can sense weak thermal radiation. <i>Scientific Reports</i> , 2020, 10, 3736.	3.3	10
24	Repeated afternoon sleep recordings indicate first-night-effect-like adaptation process in family dogs. <i>Journal of Sleep Research</i> , 2020, 29, e12998.	3.2	15
25	Averaging sleep spindle occurrence in dogs predicts learning performance better than single measures. <i>Scientific Reports</i> , 2020, 10, 22461.	3.3	8
26	Individual Differences in Response to Ambiguous Stimuli in a Modified Go/No-Go Paradigm are Associated with Personality in Family Dogs. <i>Scientific Reports</i> , 2019, 9, 11067.	3.3	5
27	Resting-state fMRI data of awake dogs (<i>Canis familiaris</i>) via group-level independent component analysis reveal multiple, spatially distributed resting-state networks. <i>Scientific Reports</i> , 2019, 9, 15270.	3.3	14
28	Potential Physiological Parameters to Indicate Inner States in Dogs: The Analysis of ECG, and Respiratory Signal During Different Sleep Phases. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 207.	2.0	18
29	Associations among behavioral inhibition and owner-rated attention, hyperactivity/impulsivity, and personality in the domestic dog (<i>Canis familiaris</i>).. <i>Journal of Comparative Psychology (Washington, D)</i> Tj ETQq1 1 0.784314mgBT /Over	3.3	14
30	Should we love robots? â€œ The most liked qualities of companion dogs and how they can be implemented in social robots. <i>Computers in Human Behavior</i> , 2018, 80, 132-142.	8.5	50
31	Dog-Owner Attachment Is Associated With Oxytocin Receptor Gene Polymorphisms in Both Parties. A Comparative Study on Austrian and Hungarian Border Collies. <i>Frontiers in Psychology</i> , 2018, 9, 435.	2.1	23
32	Biologically Inspired Emotional Expressions for Artificial Agents. <i>Frontiers in Psychology</i> , 2018, 9, 1191.	2.1	8
33	Differences in pre-sleep activity and sleep location are associated with variability in daytime/nighttime sleep electrophysiology in the domestic dog. <i>Scientific Reports</i> , 2018, 8, 7109.	3.3	31
34	The interrelated effect of sleep and learning in dogs (<i>Canis familiaris</i>); an EEG and behavioural study. <i>Scientific Reports</i> , 2017, 7, 41873.	3.3	41
35	<i>Canis familiaris</i> As a Model for Non-Invasive Comparative Neuroscience. <i>Trends in Neurosciences</i> , 2017, 40, 438-452.	8.6	75
36	Differences in greeting behaviour towards humans with varying levels of familiarity in hand-reared wolves (<i>Canis lupus</i>). <i>Royal Society Open Science</i> , 2017, 4, 160956.	2.4	21

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37	Ethorobotics: A New Approach to Human-Robot Relationship. <i>Frontiers in Psychology</i> , 2017, 8, 958.	2.1	43
38	A Test of Canine Olfactory Capacity: Comparing Various Dog Breeds and Wolves in a Natural Detection Task. <i>PLoS ONE</i> , 2016, 11, e0154087.	2.5	67
39	Neural mechanisms for lexical processing in dogs. <i>Science</i> , 2016, 353, 1030-1032.	12.6	144
40	Humans attribute emotions to a robot that shows simple behavioural patterns borrowed from dog behaviour. <i>Computers in Human Behavior</i> , 2016, 59, 411-419.	8.5	35
41	The effect of oxytocin on biological motion perception in dogs (<i>Canis familiaris</i>). <i>Animal Cognition</i> , 2016, 19, 513-522.	1.8	53
42	Strategies Used by Pet Dogs for Solving Olfaction-Based Problems at Various Distances. <i>PLoS ONE</i> , 2015, 10, e0131610.	2.5	30
43	Design of legible autonomous leading behavior based on dogs' approach. , 2015, , .		1
44	Oxytocin induces positive expectations about ambivalent stimuli (cognitive bias) in dogs. <i>Hormones and Behavior</i> , 2015, 69, 1-7.	2.1	74
45	Emotion Attribution to a Non-Humanoid Robot in Different Social Situations. <i>PLoS ONE</i> , 2014, 9, e114207.	2.5	33
46	A quick assessment tool for human-directed aggression in pet dogs. <i>Aggressive Behavior</i> , 2014, 40, 178-188.	2.4	20
47	Timing and presence of an attachment person affect sensitivity of aggression tests in shelter dogs. <i>Veterinary Record</i> , 2014, 174, 196-196.	0.3	18
48	Voice-Sensitive Regions in the Dog and Human Brain Are Revealed by Comparative fMRI. <i>Current Biology</i> , 2014, 24, 574-578.	3.9	186
49	Development of a non-invasive polysomnography technique for dogs (<i>Canis familiaris</i>). <i>Physiology and Behavior</i> , 2014, 130, 149-156.	2.1	71
50	Humans rely on the same rules to assess emotional valence and intensity in conspecific and dog vocalizations. <i>Biology Letters</i> , 2014, 10, 20130926.	2.3	66
51	Conditioned placebo effect in dogs decreases separation related behaviours. <i>Applied Animal Behaviour Science</i> , 2014, 159, 90-98.	1.9	6
52	Social behaviours in dog-owner interactions can serve as a model for designing social robots. <i>Interaction Studies</i> , 2014, 15, 143-172.	0.6	12
53	Why is a dog-behaviour-inspired social robot not a doggy-robot?. <i>Interaction Studies</i> , 2014, 15, 224-232.	0.6	1
54	What Could Assistance Robots Learn from Assistance Dogs?. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2014, , 105-119.	0.3	1

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55	Wolves do not join the dance: Sophisticated aggression control by adjusting to human social signals in dogs. <i>Applied Animal Behaviour Science</i> , 2013, 145, 109-122.	1.9	41
56	Test sensitivity is important for detecting variability in pointing comprehension in canines. <i>Animal Cognition</i> , 2013, 16, 721-735.	1.8	32
57	Human Analogue Safe Haven Effect of the Owner: Behavioural and Heart Rate Response to Stressful Social Stimuli in Dogs. <i>PLoS ONE</i> , 2013, 8, e58475.	2.5	143
58	Assistance dogs provide a useful behavioral model to enrich communicative skills of assistance robots. <i>Frontiers in Psychology</i> , 2013, 4, 971.	2.1	21
59	The effect of the owner's personality on the behaviour of owner-dog dyads. <i>Interaction Studies</i> , 2012, 13, 373-385.	0.6	42
60	Impression evaluation for different behavioral characteristics in ethologically inspired human-robot communication. , 2012, , .		4
61	Building a human-dog interaction inspired emotional engine model. , 2012, , .		5
62	Ethologically inspired human-robot interaction interfaces. , 2012, , .		11
63	Exploratory behavior in ethologically inspired robot behavioral model. , 2012, , .		7
64	On the Utilization of Social Animals as a Model for Social Robotics. <i>Frontiers in Psychology</i> , 2012, 3, 75.	2.1	71
65	Does the A-not-B error in adult pet dogs indicate sensitivity to human communication?. <i>Animal Cognition</i> , 2012, 15, 737-743.	1.8	28
66	Behavioral assessment and owner perceptions of behaviors associated with guilt in dogs. <i>Applied Animal Behaviour Science</i> , 2012, 139, 134-142.	1.9	41
67	Preliminary analysis of an adjective-based dog personality questionnaire developed to measure some aspects of personality in the domestic dog (<i>Canis familiaris</i>). <i>Applied Animal Behaviour Science</i> , 2012, 138, 88-98.	1.9	51
68	Object permanence in adult common marmosets (<i>Callithrix jacchus</i>): not everything is an "A-not-B" error that seems to be one. <i>Animal Cognition</i> , 2012, 15, 97-105.	1.8	12
69	Comprehension and utilisation of pointing gestures and gazing in dog's "human communication in relatively complex situations. <i>Animal Cognition</i> , 2012, 15, 201-213.	1.8	59
70	Ethologically inspired robot behavior implementation. , 2011, , .		23
71	Friend or foe: Context dependent sensitivity to human behaviour in dogs. <i>Applied Animal Behaviour Science</i> , 2010, 128, 69-77.	1.9	33
72	Video prototyping of dog-inspired non-verbal affective communication for an appearance constrained robot. , 2010, , .		28

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73	Fuzzy automaton based Human-Robot Interaction. , 2010, , .		10
74	An emotional engine model inspired by human-dog interaction. , 2010, , .		7
75	Does the owner provide a secure base? Behavioral and heart rate response to a threatening stranger and to separation in dogs. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2009, 4, 90-91.	1.2	9
76	The effect of development and individual differences in pointing comprehension of dogs. <i>Animal Cognition</i> , 2009, 12, 471-479.	1.8	102
77	Effects of selection for cooperation and attention in dogs. <i>Behavioral and Brain Functions</i> , 2009, 5, 31.	3.3	148
78	Chapter 3 The Dog as a Model for Understanding Human Social Behavior. <i>Advances in the Study of Behavior</i> , 2009, 39, 71-116.	1.6	141
79	Interpolation based Fuzzy Automaton for Human-Robot Interaction. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2009, 42, 317-322.	0.4	22
80	Explaining Dog Wolf Differences in Utilizing Human Pointing Gestures: Selection for Synergistic Shifts in the Development of Some Social Skills. <i>PLoS ONE</i> , 2009, 4, e6584.	2.5	172
81	Comprehension of human pointing gestures in young human-reared wolves (<i>Canis lupus</i>) and dogs (<i>Canis familiaris</i>). <i>Animal Cognition</i> , 2008, 11, 373-387.	1.8	230
82	Comprehension of human pointing gestures in horses (<i>Equus caballus</i>). <i>Animal Cognition</i> , 2008, 11, 457-466.	1.8	115
83	Playing styles and possible causative factors in dogs's™ behaviour when playing with humans. <i>Applied Animal Behaviour Science</i> , 2008, 114, 473-484.	1.9	27
84	Obedying Social Rules: A Comparative Study on Dogs and Humans. <i>Journal of Evolutionary Psychology</i> , 2005, 3, 223-243.	0.3	17
85	Attachment to humans: a comparative study on hand-reared wolves and differently socialized dog puppies. <i>Animal Behaviour</i> , 2005, 70, 1367-1375.	1.9	246
86	A friend or an enemy? Dogs's™ reaction to an unfamiliar person showing behavioural cues of threat and friendliness at different times. <i>Applied Animal Behaviour Science</i> , 2005, 94, 99-115.	1.9	139
87	Species-specific differences and similarities in the behavior of hand-raised dog and wolf pups in social situations with humans. <i>Developmental Psychobiology</i> , 2005, 47, 111-122.	1.6	161
88	Are readers of our face readers of our minds? Dogs (<i>Canis familiaris</i>) show situation-dependent recognition of human's™ attention. <i>Animal Cognition</i> , 2004, 7, 144-153.	1.8	216
89	Social behaviour of dogs encountering AIBO, an animal-like robot in a neutral and in a feeding situation. <i>Behavioural Processes</i> , 2004, 65, 231-239.	1.1	68
90	Dogs respond appropriately to cues of human's™ attentional focus. <i>Behavioural Processes</i> , 2004, 66, 161-172.	1.1	220

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91	A Simple Reason for a Big Difference. <i>Current Biology</i> , 2003, 13, 763-766.	3.9	601
92	Distinguishing logic from association in the solution of an invisible displacement task by children (<i>Homo sapiens</i>) and dogs (<i>Canis familiaris</i>): Using negation of disjunction.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2001, 115, 219-226.	0.5	114
93	Attachment behavior of adult dogs (<i>Canis familiaris</i>) living at rescue centers: Forming new bonds.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2001, 115, 423-431.	0.5	198