Satoshi Hirata

List of Publications by Year
in descending order

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99 papers	3,193 citations	172457 29 h-index	168389 53 g-index
103 all docs	103 docs citations	103 times ranked	2337 citing authors

#	Article	IF	Citations
1	Do chimpanzees enjoy a virtual forest? A pilot investigation of the use of interactive art as a form of environmental enrichment for zooâ€housed chimpanzees. American Journal of Primatology, 2022, 84, e23343.	1.7	6
2	Chimpanzees (Pan troglodytes) exhibit gaze bias for snakes upon hearing alarm calls.. Journal of Comparative Psychology (Washington, D C: 1983), 2022, 136, 44-53.	0.5	2
3	Cerebral cortical processing time is elongated in human brain evolution. Scientific Reports, 2022, 12, 1103.	3.3	12
4	Sky after 30 years: a brief biography of three biomedical research chimpanzees in Japan. Primates, 2022, 63, 105-108.	1.1	0
5	Studying feral horse behavior from the sky. Artificial Life and Robotics, 2022, 27, 196.	1.2	1
6	Horses' preferential looking to humans based on problem-solving ability. Japanese Journal of Animal Psychology, 2022, , .	0.3	0
7	Examining the costs and benefits of male-male associations in a group-living equid. Applied Animal Behaviour Science, 2022, 253, 105660.	1.9	5
8	The application of noninvasive, restraint-free eye-tracking methods for use with nonhuman primates. Behavior Research Methods, 2021, 53, 1003-1030.	4.0	28
9	The Lisu peopleâ€™s traditional natural philosophy and its potential impact on conservation planning in the Laojun Mountain region, Yunnan Province, China. Primates, 2021, 62, 153-164.	1.1	5
10	Sleep Patterns of Aging Chimpanzees (Pan troglodytes). International Journal of Primatology, 2021, 42, 89-104.	1.9	4
11	Comparative analysis of sperm motility in liquid and seminal coagulum portions between Bornean orangutan (Pongo pygmaeus) and chimpanzee (Pan troglodytes). Primates, 2021, 62, 467-473.	1.1	4
12	Aerial drone observations identified a multilevel society in feral horses. Scientific Reports, 2021, 11, 71.	3.3	11
13	Great apesâ€™ understanding of biomechanics: eye-tracking experiments using three-dimensional computer-generated animations. Primates, 2021, 62, 735-747.	1.1	1
14	Plantâ€eating carnivores: Multispecies analysis on factors influencing the frequency of plant occurrence in obligate carnivores. Ecology and Evolution, 2021, 11, 10968-10983.	1.9	5
15	Comparative survival analyses among captive chimpanzees (Pan troglodytes) in America and Japan. PeerJ, 2021, 9, e11913.	2.0	8
16	Chimpanzeesâ€™ (Pan troglodytes) internal arousal remains elevated if they cannot themselves help a conspecific.. Journal of Comparative Psychology (Washington, D C: 1983), 2021, 135, 196-207.	0.5	7
17	The Eyes Are More Eloquent Than Words: Anticipatory Looking as an Index of Event Memory in Alzheimer's Disease. Frontiers in Neurology, 2021, 12, 642464.	2.4	1
18	Behavioural synchronization in a multilevel society of feral horses. PLoS ONE, 2021, 16, e0258944.	2.5	6

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19	Putrescine-- a chemical cue of deathâ€"is aversive to chimpanzees. Behavioural Processes, 2021, 193, 104538.	1.1	1
20	Social determinants of affiliation and cohesion in a population of feral horses. Applied Animal Behaviour Science, 2021, 245, 105496.	1.9	13
21	Computerized intertemporal choice task in chimpanzees (Pan troglodytes) with/without postreward delay.. Journal of Comparative Psychology (Washington, D C: 1983), 2021, 135, 185-195.	0.5	1
22	Feral horsesâ€™ (Equus ferus caballus) behavior toward dying and dead conspecifics. Primates, 2020, 61, 49-54.	1.1	12
23	Lateral position preference in grazing feral horses. Ethology, 2020, 126, 111-119.	1.1	14
24	Modeling habitat suitability for Yunnan Snub-nosed monkeys in Laojun Mountain National Park. Primates, 2020, 61, 277-287.	1.1	7
25	Herding mechanisms to maintain the cohesion of a harem group: two interaction phases during herding. Journal of Ethology, 2020, 38, 71-77.	0.8	22
26	Phylogeny and ontogeny of mental time. Neuroscience Research, 2020, 170, 13-17.	1.9	1
27	The relationship between plant-eating and hair evacuation in snow leopards (Panthera uncia). PLoS ONE, 2020, 15, e0236635.	2.5	5
28	Does size matter? Examining the possible mechanisms of multi-stallion groups in horse societies. Behavioural Processes, 2020, 181, 104277.	1.1	8
29	Chimpanzee Kanako. Primates, 2020, 61, 635-638.	1.1	1
30	Development of bed-building behaviors in captive chimpanzeesÂ(Pan troglodytes): Implication for critical period hypothesis and captive management. Primates, 2020, 61, 639-646.	1.1	6
31	Great apes use self-experience to anticipate an agentâ€™s action in a false-belief test. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20904-20909.	7.1	114
32	Longevity and mortality of captive chimpanzees in Japan from 1921 to 2018. Primates, 2019, 60, 525-535.	1.1	23
33	Spontaneous attention and psycho-physiological responses to othersâ€™ injury in chimpanzees. Animal Cognition, 2019, 22, 807-823.	1.8	13
34	Collaborative Behavior. , 2019, , 343-348.		2
35	Spontaneous categorization of tools based on observation in children and chimpanzees. Scientific Reports, 2019, 9, 18256.	3.3	2
36	Spatial positioning of individuals in a group of feral horses: a case study using drone technology. Mammal Research, 2019, 64, 249-259.	1.3	32

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37	Cumulative culture in nonhumans: overlooked findings from Japanese monkeys?. Primates, 2018, 59, 113-122.	1.1	43
38	Social relationship and hair cortisol level in captive male chimpanzees (Pan troglodytes). Primates, 2018, 59, 145-152.	1.1	14
39	Fake snakes uncover chimpanzeesâ€™ mind-reading ability. Learning and Behavior, 2018, 46, 225-226.	1.0	0
40	Adult-adult social play in captive chimpanzees: Is it indicative of positive animal welfare?. Applied Animal Behaviour Science, 2018, 199, 75-83.	1.9	29
41	Human ostensive signals do not enhance gaze following in chimpanzees, but do enhance object-oriented attention. Animal Cognition, 2018, 21, 715-728.	1.8	21
42	Cutting-edge infrared thermography as a new tool to explore animal emotions. Japanese Journal of Animal Psychology, 2018, 68, 1-15.	0.3	3
43	Primate social attention: Species differences and effects of individual experience in humans, great apes, and macaques. PLoS ONE, 2018, 13, e0193283.	2.5	27
44	Chimpanzee Down syndrome: a case study of trisomy 22 in a captive chimpanzee. Primates, 2017, 58, 267-273.	1.1	21
45	Comparison of the social systems of primates and feral horses: data from a newly established horse research site on Serra Dâ€™Arga, northern Portugal. Primates, 2017, 58, 479-484.	1.1	25
46	Eye tracking uncovered great apes' ability to anticipate that other individuals will act according to false beliefs. Communicative and Integrative Biology, 2017, 10, e1299836.	1.4	23
47	Great Ape Social Attention. , 2017, , 187-206.		6
48	A test of the submentalizing hypothesis: Apes' performance in a false belief task inanimate control. Communicative and Integrative Biology, 2017, 10, e1343771.	1.4	44
49	Submentalizing Cannot Explain Belief-Based Action Anticipation in Apes. Trends in Cognitive Sciences, 2017, 21, 633-634.	7.8	21
50	Chimpanzees recognize their own delayed self-image. Royal Society Open Science, 2017, 4, 1-9.	2.4	185
51	Effects of Relocation and Individual and Environmental Factors on the Long-Term Stress Levels in Captive Chimpanzees (Pan troglodytes): Monitoring Hair Cortisol and Behaviors. PLoS ONE, 2016, 11, e0160029.	2.5	38
52	Social grooming network in captive chimpanzees: does the wild or captive origin of group members affect sociality?. Primates, 2016, 57, 73-82.	1.1	35
53	Fetal Behavioral Development and Brain Growth in Chimpanzees Versus Humans: A View from Studies with 4D Ultrasonography. , 2016, , 67-83.		6
54	Great apes anticipate that other individuals will act according to false beliefs. Science, 2016, 354, 110-114.	12.6	494

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55	Analysis of hair cortisol levels in captive chimpanzees: Effect of various methods on cortisol stability and variability. MethodsX, 2016, 3, 110-117.	1.6	34
56	Nasal temperature drop in response to a playback of conspecific fights in chimpanzees: A thermo-imaging study. Physiology and Behavior, 2016, 155, 83-94.	2.1	57
57	Nut Cracking Tools Used by Captive Chimpanzees (Pan troglodytes) and Their Comparison with Early Stone Age Percussive Artefacts from Olduvai Gorge. PLoS ONE, 2016, 11, e0166788.	2.5	42
58	Familiar face + novel face = familiar face? Representational bias in the perception of morphed faces in chimpanzees. PeerJ, 2016, 4, e2304.	2.0	2
59	The History of Captive Chimpanzees (Pan Troglodytes) in Japan. 1920-1950. Primate Research, 2015, 31, 19-29.	0.0	2
60	Social Attention in the Two Species of Pan: Bonobos Make More Eye Contact than Chimpanzees. PLoS ONE, 2015, 10, e0129684.	2.5	69
61	Humans but Not Chimpanzees Vary Face-Scanning Patterns Depending on Contexts during Action Observation. PLoS ONE, 2015, 10, e0139989.	2.5	9
62	Percussive technology in human evolution: an introduction to a comparative approach in fossil and living primates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140346.	4.0	22
63	Great Apes Make Anticipatory Looks Based on Long-Term Memory of Single Events. Current Biology, 2015, 25, 2513-2517.	3.9	55
64	Cross-species variation in gaze following and conspecific preference among great apes, human infants and adults. Animal Behaviour, 2014, 91, 137-150.	1.9	66
65	Review and Long-Term Survey of the Status of Captive Chimpanzees in Japan in 1926-2013. Primate Research, 2014, 30, 147-156.	0.0	9
66	Brain response to affective pictures in the chimpanzee. Scientific Reports, 2013, 3, 1342.	3.3	17
67	Neural representation of face familiarity in an awake chimpanzee. PeerJ, 2013, 1, e223.	2.0	1
68	Functional mastery of percussive technology in nut-cracking and stone-flaking actions: experimental comparison and implications for the evolution of the human brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 59-74.	4.0	74
69	Humans and chimpanzees attend differently to goal-directed actions. Nature Communications, 2012, 3, 693.	12.8	60
70	Fetal brain development in chimpanzees versus humans. Current Biology, 2012, 22, R791-R792.	3.9	63
71	Do Chimpanzees Use Weight to Select Hammer Tools?. PLoS ONE, 2012, 7, e41044.	2.5	26
72	The visual strategy specific to humans among hominids: A study using the gapâ€“overlap paradigm. Vision Research, 2011, 51, 2348-2355.	1.4	40

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73	Event-related potentials in response to subjectsâ€™ own names. Communicative and Integrative Biology, 2011, 4, 321-323.	1.4	10
74	Mechanism of birth in chimpanzees: humans are not unique among primates. Biology Letters, 2011, 7, 686-688.	2.3	54
75	A Gibsonian Motor Analysis of the Nut-Cracking Technique. Primatology Monographs, 2011, , 191-199.	0.8	1
76	Facial perception of conspecifics: chimpanzees (Pan troglodytes) preferentially attend to proper orientation and open eyes. Animal Cognition, 2010, 13, 679-688.	1.8	45
77	Brain activity in an awake chimpanzee in response to the sound of her own name. Biology Letters, 2010, 6, 311-313.	2.3	23
78	Differential sensitivity to conspecific and allospecific cues in chimpanzees and humans: a comparative eye-tracking study. Biology Letters, 2010, 6, 610-613.	2.3	68
79	Neural Correlates of Face and Object Perception in an Awake Chimpanzee (Pan Troglodytes) Examined by Scalp-Surface Event-Related Potentials. PLoS ONE, 2010, 5, e13366.	2.5	17
80	How chimpanzees look at pictures: a comparative eye-tracking study. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1949-1955.	2.6	126
81	Chimpanzee social intelligence: selfishness, altruism, and the motherâ€“infant bond. Primates, 2009, 50, 3-11.	1.1	30
82	Tool use as a way to assess cognition: how do captive chimpanzees handle the weight of the hammer when cracking a nut?. Animal Cognition, 2009, 12, 217-235.	1.8	46
83	How to crack nuts: acquisition process in captive chimpanzees (Pan troglodytes) observing a model. Animal Cognition, 2009, 12, 87-101.	1.8	43
84	The supine position of postnatal human infants. Interaction Studies, 2009, 10, 252-269.	0.6	15
85	ãƒêƒ³ãƒ'ãƒ³ã‚¸ãƒ¼ã®å•"åŠ›è¡Œå‹•. Primate Research, 2009, 25, 55-66.	0.0	1
86	Communication Between Mother and Infant Chimpanzees and Its Role in the Evolution of Social Intelligence. , 2008, , 21-38.		5
87	Auditory ERPs to Stimulus Deviance in an Awake Chimpanzee (Pan troglodytes): Towards Hominid Cognitive Neurosciences. PLoS ONE, 2008, 3, e1442.	2.5	35
88	A note on the responses of chimpanzees (Pan troglodytes) to live self-images on television monitors. Behavioural Processes, 2007, 75, 85-90.	1.1	17
89	Chimpanzees (Pan troglodytes) learn to act with other individuals in a cooperative task. Primates, 2007, 48, 13-21.	1.1	178
90	Competitive and cooperative aspects of social intelligence in chimpanzees. Japanese Journal of Animal Psychology, 2007, 57, 29-40.	0.3	5

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91	Chimpanzee Learning and Transmission of Tool Use to Fish for Honey. , 2006, , 201-213.		8
92	Tactical Deception and Understanding of Others in Chimpanzees. , 2006, , 265-276.		6
93	Socioecological Influences on Tool Use in Captive Chimpanzees. International Journal of Primatology, 2004, 25, 1267-1281.	1.9	13
94	Role of mothers in the acquisition of tool-use behaviours by captive infant chimpanzees. Animal Cognition, 2003, 6, 235-244.	1.8	121
95	Biological and ecological foundations of primate behavioral tradition. , 2003, , 267-296.		100
96	An Experimental Study of Tool Use in Orangutans. Primate Research, 2003, 19, 87-95.	0.0	3
97	Tactics to obtain a hidden food item in chimpanzee pairs (Pan troglodytes). Animal Cognition, 2001, 4, 285-295.	1.8	69
98	Naive chimpanzees' (Pan troglodytes) observation of experienced conspecifics in a tool-using task.. Journal of Comparative Psychology (Washington, D C: 1983), 2000, 114, 291-296.	0.5	77
99	Population Characteristics of Feral Horses Impacted by Anthropogenic Factors and Their Management Implications. Frontiers in Ecology and Evolution, 0, 10, .	2.2	4