

Satoshi Hirata

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Great apes anticipate that other individuals will act according to false beliefs. <i>Science</i> , 2016, 354, 110-114. | 12.6 | 494 |
| 2 | Chimpanzees recognize their own delayed self-image. <i>Royal Society Open Science</i> , 2017, 4, 1-9. | 2.4 | 185 |
| 3 | Chimpanzees (<i>Pan troglodytes</i>) learn to act with other individuals in a cooperative task. <i>Primates</i> , 2007, 48, 13-21. | 1.1 | 178 |
| 4 | How chimpanzees look at pictures: a comparative eye-tracking study. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1949-1955. | 2.6 | 126 |
| 5 | Role of mothers in the acquisition of tool-use behaviours by captive infant chimpanzees. <i>Animal Cognition</i> , 2003, 6, 235-244. | 1.8 | 121 |
| 6 | Great apes use self-experience to anticipate an agent's action in a false-belief test. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20904-20909. | 7.1 | 114 |
| 7 | Biological and ecological foundations of primate behavioral tradition. , 2003, , 267-296. | | 100 |
| 8 | Naive chimpanzees' (<i>Pan troglodytes</i>) observation of experienced conspecifics in a tool-using task.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2000, 114, 291-296. | 0.5 | 77 |
| 9 | Functional mastery of percussive technology in nut-cracking and stone-flaking actions: experimental comparison and implications for the evolution of the human brain. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 59-74. | 4.0 | 74 |
| 10 | Tactics to obtain a hidden food item in chimpanzee pairs (<i>Pan troglodytes</i>). <i>Animal Cognition</i> , 2001, 4, 285-295. | 1.8 | 69 |
| 11 | Social Attention in the Two Species of Pan: Bonobos Make More Eye Contact than Chimpanzees. <i>PLoS ONE</i> , 2015, 10, e0129684. | 2.5 | 69 |
| 12 | Differential sensitivity to conspecific and allospecific cues in chimpanzees and humans: a comparative eye-tracking study. <i>Biology Letters</i> , 2010, 6, 610-613. | 2.3 | 68 |
| 13 | Cross-species variation in gaze following and conspecific preference among great apes, human infants and adults. <i>Animal Behaviour</i> , 2014, 91, 137-150. | 1.9 | 66 |
| 14 | Fetal brain development in chimpanzees versus humans. <i>Current Biology</i> , 2012, 22, R791-R792. | 3.9 | 63 |
| 15 | Humans and chimpanzees attend differently to goal-directed actions. <i>Nature Communications</i> , 2012, 3, 693. | 12.8 | 60 |
| 16 | Nasal temperature drop in response to a playback of conspecific fights in chimpanzees: A thermo-imaging study. <i>Physiology and Behavior</i> , 2016, 155, 83-94. | 2.1 | 57 |
| 17 | Great Apes Make Anticipatory Looks Based on Long-Term Memory of Single Events. <i>Current Biology</i> , 2015, 25, 2513-2517. | 3.9 | 55 |
| 18 | Mechanism of birth in chimpanzees: humans are not unique among primates. <i>Biology Letters</i> , 2011, 7, 686-688. | 2.3 | 54 |

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|----|--|-----|-----------|
| 19 | Tool use as a way to assess cognition: how do captive chimpanzees handle the weight of the hammer when cracking a nut?. <i>Animal Cognition</i> , 2009, 12, 217-235. | 1.8 | 46 |
| 20 | Facial perception of conspecifics: chimpanzees (<i>Pan troglodytes</i>) preferentially attend to proper orientation and open eyes. <i>Animal Cognition</i> , 2010, 13, 679-688. | 1.8 | 45 |
| 21 | A test of the submentalizing hypothesis: Apes' performance in a false belief task inanimate control. <i>Communicative and Integrative Biology</i> , 2017, 10, e1343771. | 1.4 | 44 |
| 22 | How to crack nuts: acquisition process in captive chimpanzees (<i>Pan troglodytes</i>) observing a model. <i>Animal Cognition</i> , 2009, 12, 87-101. | 1.8 | 43 |
| 23 | Cumulative culture in nonhumans: overlooked findings from Japanese monkeys?. <i>Primates</i> , 2018, 59, 113-122. | 1.1 | 43 |
| 24 | Nut Cracking Tools Used by Captive Chimpanzees (<i>Pan troglodytes</i>) and Their Comparison with Early Stone Age Percussive Artefacts from Olduvai Gorge. <i>PLoS ONE</i> , 2016, 11, e0166788. | 2.5 | 42 |
| 25 | The visual strategy specific to humans among hominids: A study using the gap“overlap paradigm. <i>Vision Research</i> , 2011, 51, 2348-2355. | 1.4 | 40 |
| 26 | Effects of Relocation and Individual and Environmental Factors on the Long-Term Stress Levels in Captive Chimpanzees (<i>Pan troglodytes</i>): Monitoring Hair Cortisol and Behaviors. <i>PLoS ONE</i> , 2016, 11, e0160029. | 2.5 | 38 |
| 27 | Social grooming network in captive chimpanzees: does the wild or captive origin of group members affect sociality?. <i>Primates</i> , 2016, 57, 73-82. | 1.1 | 35 |
| 28 | Auditory ERPs to Stimulus Deviance in an Awake Chimpanzee (<i>Pan troglodytes</i>): Towards Hominid Cognitive Neurosciences. <i>PLoS ONE</i> , 2008, 3, e1442. | 2.5 | 35 |
| 29 | Analysis of hair cortisol levels in captive chimpanzees: Effect of various methods on cortisol stability and variability. <i>MethodsX</i> , 2016, 3, 110-117. | 1.6 | 34 |
| 30 | Spatial positioning of individuals in a group of feral horses: a case study using drone technology. <i>Mammal Research</i> , 2019, 64, 249-259. | 1.3 | 32 |
| 31 | Chimpanzee social intelligence: selfishness, altruism, and the mother“infant bond. <i>Primates</i> , 2009, 50, 3-11. | 1.1 | 30 |
| 32 | Adult-adult social play in captive chimpanzees: Is it indicative of positive animal welfare?. <i>Applied Animal Behaviour Science</i> , 2018, 199, 75-83. | 1.9 | 29 |
| 33 | The application of noninvasive, restraint-free eye-tracking methods for use with nonhuman primates. <i>Behavior Research Methods</i> , 2021, 53, 1003-1030. | 4.0 | 28 |
| 34 | Primate social attention: Species differences and effects of individual experience in humans, great apes, and macaques. <i>PLoS ONE</i> , 2018, 13, e0193283. | 2.5 | 27 |
| 35 | Do Chimpanzees Use Weight to Select Hammer Tools?. <i>PLoS ONE</i> , 2012, 7, e41044. | 2.5 | 26 |
| 36 | Comparison of the social systems of primates and feral horses: data from a newly established horse research site on Serra D“Arga, northern Portugal. <i>Primates</i> , 2017, 58, 479-484. | 1.1 | 25 |

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|----|---|-----|-----------|
| 37 | Brain activity in an awake chimpanzee in response to the sound of her own name. <i>Biology Letters</i> , 2010, 6, 311-313. | 2.3 | 23 |
| 38 | Eye tracking uncovered great apes' ability to anticipate that other individuals will act according to false beliefs. <i>Communicative and Integrative Biology</i> , 2017, 10, e1299836. | 1.4 | 23 |
| 39 | Longevity and mortality of captive chimpanzees in Japan from 1921 to 2018. <i>Primates</i> , 2019, 60, 525-535. | 1.1 | 23 |
| 40 | Percussive technology in human evolution: an introduction to a comparative approach in fossil and living primates. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140346. | 4.0 | 22 |
| 41 | Herding mechanisms to maintain the cohesion of a harem group: two interaction phases during herding. <i>Journal of Ethology</i> , 2020, 38, 71-77. | 0.8 | 22 |
| 42 | Chimpanzee Down syndrome: a case study of trisomy 22 in a captive chimpanzee. <i>Primates</i> , 2017, 58, 267-273. | 1.1 | 21 |
| 43 | Submentalizing Cannot Explain Belief-Based Action Anticipation in Apes. <i>Trends in Cognitive Sciences</i> , 2017, 21, 633-634. | 7.8 | 21 |
| 44 | Human ostensive signals do not enhance gaze following in chimpanzees, but do enhance object-oriented attention. <i>Animal Cognition</i> , 2018, 21, 715-728. | 1.8 | 21 |
| 45 | A note on the responses of chimpanzees (<i>Pan troglodytes</i>) to live self-images on television monitors. <i>Behavioural Processes</i> , 2007, 75, 85-90. | 1.1 | 17 |
| 46 | Brain response to affective pictures in the chimpanzee. <i>Scientific Reports</i> , 2013, 3, 1342. | 3.3 | 17 |
| 47 | Neural Correlates of Face and Object Perception in an Awake Chimpanzee (<i>Pan Troglodytes</i>) Examined by Scalp-Surface Event-Related Potentials. <i>PLoS ONE</i> , 2010, 5, e13366. | 2.5 | 17 |
| 48 | The supine position of postnatal human infants. <i>Interaction Studies</i> , 2009, 10, 252-269. | 0.6 | 15 |
| 49 | Social relationship and hair cortisol level in captive male chimpanzees (<i>Pan troglodytes</i>). <i>Primates</i> , 2018, 59, 145-152. | 1.1 | 14 |
| 50 | Lateral position preference in grazing feral horses. <i>Ethology</i> , 2020, 126, 111-119. | 1.1 | 14 |
| 51 | Socioecological Influences on Tool Use in Captive Chimpanzees. <i>International Journal of Primatology</i> , 2004, 25, 1267-1281. | 1.9 | 13 |
| 52 | Spontaneous attention and psycho-physiological responses to others'™ injury in chimpanzees. <i>Animal Cognition</i> , 2019, 22, 807-823. | 1.8 | 13 |
| 53 | Social determinants of affiliation and cohesion in a population of feral horses. <i>Applied Animal Behaviour Science</i> , 2021, 245, 105496. | 1.9 | 13 |
| 54 | Feral horses'™ (<i>Equus ferus caballus</i>) behavior toward dying and dead conspecifics. <i>Primates</i> , 2020, 61, 49-54. | 1.1 | 12 |

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|----|---|-----|-----------|
| 55 | Cerebral cortical processing time is elongated in human brain evolution. <i>Scientific Reports</i> , 2022, 12, 1103. | 3.3 | 12 |
| 56 | Aerial drone observations identified a multilevel society in feral horses. <i>Scientific Reports</i> , 2021, 11, 71. | 3.3 | 11 |
| 57 | Event-related potentials in response to subjects' own names. <i>Communicative and Integrative Biology</i> , 2011, 4, 321-323. | 1.4 | 10 |
| 58 | Humans but Not Chimpanzees Vary Face-Scanning Patterns Depending on Contexts during Action Observation. <i>PLoS ONE</i> , 2015, 10, e0139989. | 2.5 | 9 |
| 59 | Review and Long-Term Survey of the Status of Captive Chimpanzees in Japan in 1926-2013. <i>Primate Research</i> , 2014, 30, 147-156. | 0.0 | 9 |
| 60 | Does size matter? Examining the possible mechanisms of multi-stallion groups in horse societies. <i>Behavioural Processes</i> , 2020, 181, 104277. | 1.1 | 8 |
| 61 | Comparative survival analyses among captive chimpanzees (<i>Pan troglodytes</i>) in America and Japan. <i>PeerJ</i> , 2021, 9, e11913. | 2.0 | 8 |
| 62 | Chimpanzee Learning and Transmission of Tool Use to Fish for Honey. , 2006, , 201-213. | | 8 |
| 63 | Modeling habitat suitability for Yunnan Snub-nosed monkeys in Laojun Mountain National Park. <i>Primates</i> , 2020, 61, 277-287. | 1.1 | 7 |
| 64 | Chimpanzees' (Pan troglodytes) internal arousal remains elevated if they cannot themselves help a conspecific.. <i>Journal of Comparative Psychology</i> (Washington, D C: 1983), 2021, 135, 196-207. | 0.5 | 7 |
| 65 | Fetal Behavioral Development and Brain Growth in Chimpanzees Versus Humans: A View from Studies with 4D Ultrasonography. , 2016, , 67-83. | | 6 |
| 66 | Great Ape Social Attention. , 2017, , 187-206. | | 6 |
| 67 | Development of bed-building behaviors in captive chimpanzees (Pan troglodytes): Implication for critical period hypothesis and captive management. <i>Primates</i> , 2020, 61, 639-646. | 1.1 | 6 |
| 68 | Tactical Deception and Understanding of Others in Chimpanzees. , 2006, , 265-276. | | 6 |
| 69 | Behavioural synchronization in a multilevel society of feral horses. <i>PLoS ONE</i> , 2021, 16, e0258944. | 2.5 | 6 |
| 70 | Do chimpanzees enjoy a virtual forest? A pilot investigation of the use of interactive art as a form of environmental enrichment for zoo-housed chimpanzees. <i>American Journal of Primatology</i> , 2022, 84, e23343. | 1.7 | 6 |
| 71 | Communication Between Mother and Infant Chimpanzees and Its Role in the Evolution of Social Intelligence. , 2008, , 21-38. | | 5 |
| 72 | The relationship between plant-eating and hair evacuation in snow leopards (<i>Panthera uncia</i>). <i>PLoS ONE</i> , 2020, 15, e0236635. | 2.5 | 5 |

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|----|--|-----|-----------|
| 73 | The Lisu people's traditional natural philosophy and its potential impact on conservation planning in the Laojun Mountain region, Yunnan Province, China. <i>Primates</i> , 2021, 62, 153-164. | 1.1 | 5 |
| 74 | Plant-eating carnivores: Multispecies analysis on factors influencing the frequency of plant occurrence in obligate carnivores. <i>Ecology and Evolution</i> , 2021, 11, 10968-10983. | 1.9 | 5 |
| 75 | Competitive and cooperative aspects of social intelligence in chimpanzees. <i>Japanese Journal of Animal Psychology</i> , 2007, 57, 29-40. | 0.3 | 5 |
| 76 | Examining the costs and benefits of male-male associations in a group-living equid. <i>Applied Animal Behaviour Science</i> , 2022, 253, 105660. | 1.9 | 5 |
| 77 | Sleep Patterns of Aging Chimpanzees (<i>Pan troglodytes</i>). <i>International Journal of Primatology</i> , 2021, 42, 89-104. | 1.9 | 4 |
| 78 | Comparative analysis of sperm motility in liquid and seminal coagulum portions between Bornean orangutan (<i>Pongo pygmaeus</i>) and chimpanzee (<i>Pan troglodytes</i>). <i>Primates</i> , 2021, 62, 467-473. | 1.1 | 4 |
| 79 | Population Characteristics of Feral Horses Impacted by Anthropogenic Factors and Their Management Implications. <i>Frontiers in Ecology and Evolution</i> , 0, 10, . | 2.2 | 4 |
| 80 | Cutting-edge infrared thermography as a new tool to explore animal emotions. <i>Japanese Journal of Animal Psychology</i> , 2018, 68, 1-15. | 0.3 | 3 |
| 81 | An Experimental Study of Tool Use in Orangutans. <i>Primate Research</i> , 2003, 19, 87-95. | 0.0 | 3 |
| 82 | The History of Captive Chimpanzees (<i>Pan Troglodytes</i>) in Japan. 1920-1950. <i>Primate Research</i> , 2015, 31, 19-29. | 0.0 | 2 |
| 83 | Collaborative Behavior. , 2019, , 343-348. | | 2 |
| 84 | Spontaneous categorization of tools based on observation in children and chimpanzees. <i>Scientific Reports</i> , 2019, 9, 18256. | 3.3 | 2 |
| 85 | Familiar face + novel face = familiar face? Representational bias in the perception of morphed faces in chimpanzees. <i>PeerJ</i> , 2016, 4, e2304. | 2.0 | 2 |
| 86 | Chimpanzees (<i>Pan troglodytes</i>) exhibit gaze bias for snakes upon hearing alarm calls.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2022, 136, 44-53. | 0.5 | 2 |
| 87 | Phylogeny and ontogeny of mental time. <i>Neuroscience Research</i> , 2020, 170, 13-17. | 1.9 | 1 |
| 88 | Chimpanzee Kanako. <i>Primates</i> , 2020, 61, 635-638. | 1.1 | 1 |
| 89 | Great apes' understanding of biomechanics: eye-tracking experiments using three-dimensional computer-generated animations. <i>Primates</i> , 2021, 62, 735-747. | 1.1 | 1 |
| 90 | A Gibsonian Motor Analysis of the Nut-Cracking Technique. <i>Primate Monographs</i> , 2011, , 191-199. | 0.8 | 1 |

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|----|--|-----|-----------|
| 91 | The Eyes Are More Eloquent Than Words: Anticipatory Looking as an Index of Event Memory in Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 642464. | 2.4 | 1 |
| 92 | ãfãf3ãf'ãf3ã,ãf1/4ã"ã"ãS>è;CEã«. <i>Primate Research</i> , 2009, 25, 55-66. | 0.0 | 1 |
| 93 | Neural representation of face familiarity in an awake chimpanzee. <i>PeerJ</i> , 2013, 1, e223. | 2.0 | 1 |
| 94 | Putrescine-- a chemical cue of deathâ€”is aversive to chimpanzees. <i>Behavioural Processes</i> , 2021, 193, 104538. | 1.1 | 1 |
| 95 | Computerized intertemporal choice task in chimpanzees (Pan troglodytes) with/without postreward delay.. <i>Journal of Comparative Psychology (Washington, D C: 1983)</i> , 2021, 135, 185-195. | 0.5 | 1 |
| 96 | Studying feral horse behavior from the sky. <i>Artificial Life and Robotics</i> , 2022, 27, 196. | 1.2 | 1 |
| 97 | Fake snakes uncover chimpanzeesâ€™ mind-reading ability. <i>Learning and Behavior</i> , 2018, 46, 225-226. | 1.0 | 0 |
| 98 | Sky after 30 years: a brief biography of three biomedical research chimpanzees in Japan. <i>Primates</i> , 2022, 63, 105-108. | 1.1 | 0 |
| 99 | Horses' preferential looking to humans based on problem-solving ability. <i>Japanese Journal of Animal Psychology</i> , 2022, , . | 0.3 | 0 |