

# Eishi Hirasaki

## List of Publications by Year in descending order

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45  
papers

1,085  
citations

471509

17  
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414414

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46  
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46  
docs citations

46  
times ranked

898  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of walking velocity on vertical head and body movements during locomotion. <i>Experimental Brain Research</i> , 1999, 127, 117-130.	1.5	242
2	Biomechanical analysis of vertical climbing in the spider monkey and the Japanese macaque. <i>American Journal of Physical Anthropology</i> , 2000, 113, 455-472.	2.1	100
3	Do highly trained monkeys walk like humans? A kinematic study of bipedal locomotion in bipedally trained Japanese macaques. <i>Journal of Human Evolution</i> , 2004, 46, 739-750.	2.6	84
4	Characteristics of stable isotope signature of diet in tissues of captive Japanese macaques as revealed by controlled feeding. <i>Primates</i> , 2013, 54, 271-281.	1.1	61
5	Kinesiological Characteristics of Vertical Climbing in <i>Ateles geoffroyi</i> and <i>Macaca fuscata</i> . <i>Folia Primatologica</i> , 1993, 61, 148-156.	0.7	60
6	Analysis of Head and Body Movements of Elderly People During Locomotion. <i>Acta Oto-Laryngologica</i> , 1993, 113, 25-30.	0.9	47
7	The Human Vestibulo-Ocular Reflex during Linear Locomotion. <i>Annals of the New York Academy of Sciences</i> , 2001, 942, 139-147.	3.8	46
8	Ground-reaction-force profiles of bipedal walking in bipedally trained Japanese monkeys. <i>Journal of Human Evolution</i> , 2007, 53, 302-308.	2.6	43
9	The change of the locomotor pattern caused by the inclination of the substrata in a Japanese macaque. <i>Primate Research</i> , 1996, 12, 79-87.	0.0	43
10	Volumetric comparisons in the cerebellar complex of anthropoids, with special reference to locomotor types. , 1997, 103, 173-183.		31
11	Markerless 3D motion capture for animal locomotion studies. <i>Biology Open</i> , 2014, 3, 656-668.	1.2	27
12	Intra- and interspecific variation in macaque molar enamel thickness. <i>American Journal of Physical Anthropology</i> , 2014, 155, 447-459.	2.1	26
13	Kinematic analysis of bipedal locomotion of a Japanese macaque that lost its forearms due to congenital malformation. <i>Primates</i> , 2004, 46, 11-9.	1.1	23
14	Gaits of Japanese macaques ( <i>Macaca fuscata</i> ) on a horizontal ladder and arboreal stability. <i>American Journal of Physical Anthropology</i> , 2009, 138, 448-457.	2.1	21
15	Electromyography of 15 Limb Muscles in Japanese Macaques ( <i>Macaca fuscata</i> ) during Vertical Climbing. <i>Folia Primatologica</i> , 1995, 64, 218-224.	0.7	19
16	3D Analysis of Human Locomotion Before and After Caloric Stimulation. <i>Acta Oto-Laryngologica</i> , 1997, 117, 143-148.	0.9	19
17	Brief communication: Dynamic plantar pressure distribution during locomotion in Japanese macaques ( <i>Macaca fuscata</i> ). <i>American Journal of Physical Anthropology</i> , 2010, 142, 149-156.	2.1	19
18	Comparison of Locomotor Patterns and the Cerebellar Complex in <i>Ateles</i> and <i>Macaca</i> . <i>Folia Primatologica</i> , 1996, 66, 209-225.	0.7	17

#	ARTICLE	IF	CITATIONS
19	Global dynamics of bipedal macaques during grounded and aerial running. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	17
20	Effects of caloric vestibular stimulation on head and trunk movements during walking. <i>Gait and Posture</i> , 2002, 15, 274-281.	1.4	15
21	Head movements during locomotion in a gibbon and Japanese macaques. <i>NeuroReport</i> , 2004, 15, 643-647.	1.2	14
22	Semicircular Canal Size and Locomotion in Colobine Monkeys: A Cautionary Tale. <i>Folia Primatologica</i> , 2016, 87, 213-223.	0.7	12
23	Bipedal gait versatility in the Japanese macaque ( <i>Macaca fuscata</i> ). <i>Journal of Human Evolution</i> , 2018, 125, 2-14.	2.6	10
24	Palmar and Plantar Pressure While Walking on a Horizontal Ladder and Single Pole in <i>Macaca fuscata</i> . <i>International Journal of Primatology</i> , 2010, 31, 181-190.	1.9	9
25	Do highly trained monkeys walk like humans? A kinematic study of bipedal locomotion in bipedally trained Japanese macaques. <i>Journal of Human Evolution</i> , 2004, 46, 739-739.	2.6	8
26	Inefficient use of inverted pendulum mechanism during quadrupedal walking in the Japanese macaque. <i>Primates</i> , 2012, 53, 41-48.	1.1	8
27	Radiological and Microsurgical Anatomy for Variation of the Mandible: Comparative Study of Human and <i>Macaca fascicularis</i> . <i>Anatomical Record</i> , 2017, 300, 1464-1471.	1.4	7
28	A comparison of axial trunk rotation during bipedal walking between humans and Japanese macaques. <i>American Journal of Physical Anthropology</i> , 2021, 174, 66-75.	2.1	7
29	Organization of the Epaxial Muscles in Terrestrial and Arboreal Primates. <i>Folia Primatologica</i> , 1996, 66, 25-37.	0.7	6
30	Trunk and leg kinematics of grounded and aerial running in bipedal macaques. <i>Journal of Experimental Biology</i> , 2020, 224, .	1.7	6
31	Estimating the Functional Axis of the Primate Foot Using the Distribution of Plantar Muscles. <i>International Journal of Primatology</i> , 2010, 31, 239-261.	1.9	5
32	Brief communication: Three-dimensional motion analysis of hindlimb during brachiation in a white-handed gibbon ( <i>Hylobates lar</i> ). <i>American Journal of Physical Anthropology</i> , 2010, 142, 650-654.	2.1	5
33	Quadrupedal locomotor simulation: producing more realistic gaits using dual-objective optimization. <i>Royal Society Open Science</i> , 2018, 5, 171836.	2.4	5
34	Muscle-tendon arrangement and innervation pattern of the <i>m. flexor digitorum superficialis</i> in the common marmoset ( <i>Callithrix jacchus</i> ), squirrel monkey ( <i>Saimiri sciureus</i> ) and spider monkey ( <i>Ateles</i> sp.). <i>Journal of Anatomy</i> , 2020, 237, 907-915.	1.5	5
35	Instantaneous rotation axes during active head movements. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2005, 15, 73-80.	2.0	5
36	Locomotor Kinematics of Two Semi-Wild Macaque Species ( <i>Macaca</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (assa</i> <i>Folia Primatologica</i> , 2019, 90, 162-178.	0.7	3

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37	Hip medial rotator action of gluteus medius in Japanese macaque ( <i>Macaca fuscata</i> ) and implications to adaptive significance for quadrupedal walking in primates. <i>Journal of Anatomy</i> , 2022, 241, 407-419.	1.5	3
38	Muscle Spindle Density of Lateral Rotators of the Thigh in Japanese Macaques and a Gibbon. <i>Cells Tissues Organs</i> , 2019, 208, 1-12.	2.3	2
39	Comparison of the soleus and plantaris muscles in humans and other primates: macroscopic neuromuscular anatomy and evolutionary significance. <i>Anatomical Record</i> , 0, , .	1.4	2
40	Arrangement of foot interosseous muscles in African great apes. <i>American Journal of Physical Anthropology</i> , 2018, 167, 924-929.	2.1	1
41	Anatomical study of the incisivus labii superioris and inferioris muscles in non-human primates. <i>Anatomical Record</i> , 2021, 304, 366-371.	1.4	1
42	Relationship between the lumbosacral plexus deviation and 12th rib length in Japanese macaques ( <i>Macaca fuscata</i> ). <i>Anatomical Science International</i> , 2022, 97, 391-398.	1.0	1
43	Comparative Functional Morphology in Primates: An Introduction to the Special Issue. <i>International Journal of Primatology</i> , 2010, 31, 157-158.	1.9	0
44	Age-Related Changes in the Cranial Thickness of Japanese Macaques ( <i>Macaca fuscata</i> ). <i>International Journal of Morphology</i> , 2019, 37, 1142-1149.	0.2	0
45	Three Dimensional Analysis of Human Locomotion with on-line Computer System. <i>Equilibrium Research</i> , 1994, 53, 54-57.	0.1	0