

# Christine E Wall

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

2,253  
citations

394421

19  
h-index

330143

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

2163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shape, relative size, and size-adjustments in morphometrics. <i>American Journal of Physical Anthropology</i> , 1995, 38, 137-161.	2.1	640
2	Comparative functional analysis of skull morphology of tree-gouging primates. <i>American Journal of Physical Anthropology</i> , 2003, 120, 153-170.	2.1	206
3	Symphyseal fusion and jaw-adductor muscle force: An EMG study. <i>American Journal of Physical Anthropology</i> , 2000, 112, 469-492.	2.1	200
4	Finding Our Way through Phenotypes. <i>PLoS Biology</i> , 2015, 13, e1002033.	5.6	178
5	Temporalis function in anthropoids and strepsirrhines: An EMG study. <i>American Journal of Physical Anthropology</i> , 2005, 128, 35-56.	2.1	79
6	The Jaw Adductors of Strepsirrhines in Relation to Body Size, Diet, and Ingested Food Size. <i>Anatomical Record</i> , 2011, 294, 712-728.	1.4	73
7	Patterns of variation across primates in jaw-muscle electromyography during mastication. <i>Integrative and Comparative Biology</i> , 2008, 48, 294-311.	2.0	71
8	A Biomechanical Analysis of Skull Form in Gum-Harvesting Galagids. <i>Folia Primatologica</i> , 2002, 73, 197-209.	0.7	70
9	Do functional demands associated with locomotor habitat, diet, and activity pattern drive skull shape evolution in musteloid carnivorans?. <i>Biological Journal of the Linnean Society</i> , 2016, 117, 858-878.	1.6	63
10	Phase II jaw movements and masseter muscle activity during chewing in <i>Papio anubis</i> . <i>American Journal of Physical Anthropology</i> , 2006, 129, 215-224.	2.1	60
11	Genomic signatures of diet-related shifts during human origins. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 961-969.	2.6	48
12	Masseter electromyography during chewing in ring-tailed lemurs ( <i>Lemur catta</i> ). <i>American Journal of Physical Anthropology</i> , 2006, 130, 85-95.	2.1	47
13	A model of temporomandibular joint function in anthropoid primates based on condylar movements during mastication. <i>American Journal of Physical Anthropology</i> , 1999, 109, 67-88.	2.1	45
14	Jaw adductor force and symphyseal fusion. , 2004, , 229-257.		42
15	Jaw-muscle electromyography during chewing in Belanger's treeshrews ( <i>Tupaia belangeri</i> ). <i>American Journal of Physical Anthropology</i> , 2005, 127, 26-45.	2.1	41
16	Inter-stride variability triggers gait transitions in mammals and birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20181766.	2.6	37
17	Genetic comparisons yield insight into the evolution of enamel thickness during human evolution. <i>Journal of Human Evolution</i> , 2014, 73, 75-87.	2.6	35
18	Masticatory motor patterns in ungulates: a quantitative assessment of jaw-muscle coordination in goats, alpacas and horses. <i>Journal of Experimental Zoology</i> , 2007, 307A, 226-240.	1.2	33

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19	Functional and Evolutionary significance of the recruitment and firing patterns of the jaw adductors during chewing in verreaux's sifaka ( <i>Propithecus verreauxi</i> ). American Journal of Physical Anthropology, 2011, 145, 531-547.	2.1	33
20	A Potential Role for Glucose Transporters in the Evolution of Human Brain Size. Brain, Behavior and Evolution, 2011, 78, 315-326.	1.7	28
21	Symphyseal Fusion in Selenodont Artiodactyls: New Insights from–In Vivo and Comparative Data. , 2008, , 39-61.		23
22	Mandibular corpus bone strain in goats and alpacas: Implications for understanding the biomechanics of mandibular form in selenodont artiodactyls. Journal of Anatomy, 2009, 214, 65-78.	1.5	18
23	A Preliminary Analysis of Correlated Evolution in Mammalian Chewing Motor Patterns. Integrative and Comparative Biology, 2011, 51, 247-259.	2.0	18
24	Holding-on: co-evolution between infant carrying and grasping behaviour in strepsirrhines. Scientific Reports, 2016, 6, 37729.	3.3	18
25	Epaxial muscle fiber architecture favors enhanced excursion and power in the leaper <i>Alago senegalensis</i> . Journal of Anatomy, 2015, 227, 524-540.	1.5	16
26	The expanded mandibular condyle of the Megaladapidae. , 1997, 103, 263-276.		15
27	EMG of the digastric muscle in gibbon and orangutan: Functional consequences of the loss of the anterior digastric in orangutans. American Journal of Physical Anthropology, 1994, 94, 549-567.	2.1	13
28	A Preliminary Analysis of Correlations between Chewing Motor Patterns and Mandibular Morphology across Mammals. Integrative and Comparative Biology, 2011, 51, 260-270.	2.0	13
29	Food properties influence grasping strategies in strepsirrhines. Biological Journal of the Linnean Society, 2019, 127, 583-597.	1.6	12
30	Sex-Related Shape Dimorphism in the Human Radiocarpal and Midcarpal Joints. Anatomical Record, 2013, 296, 19-30.	1.4	11
31	Specialization of the Superficial Anterior Temporalis in Baboons for Mastication of Hard Foods. , 2008, , 113-124.		11
32	Overview of FEED, the Feeding Experiments End-user Database. Integrative and Comparative Biology, 2011, 51, 215-223.	2.0	10
33	Regional variation in IIM myosin heavy chain expression in the temporalis muscle of female and male baboons ( <i>Papio anubis</i> ). Archives of Oral Biology, 2013, 58, 435-443.	1.8	8
34	Fiber type composition of epaxial muscles is geared toward facilitating rapid spinal extension in the leaper <i>Galago senegalensis</i> . American Journal of Physical Anthropology, 2018, 166, 95-106.	2.1	8
35	Does the shape of forelimb long bones co-vary with grasping behaviour in strepsirrhine primates?. Biological Journal of the Linnean Society, 2019, 127, 649-660.	1.6	6
36	Proteomics and immunohistochemistry identify the expression of $\beta$ -cardiac myosin heavy chain in the jaw-closing muscles of sooty mangabeys (order Primates). Archives of Oral Biology, 2018, 91, 103-108.	1.8	5

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37	Muscle Logic: New Knowledge Resource for Anatomy Enables Comprehensive Searches of the Literature on the Feeding Muscles of Mammals. PLoS ONE, 2016, 11, e0149102.	2.5	5
38	The Masticatory Apparatus of Humans (Homo sapiens): Evolution and Comparative Functional Morphology. Fascinating Life Sciences, 2019, , 831-865.	0.9	4
39	Mammalian feeding and primate evolution: An overview. American Journal of Physical Anthropology, 2000, 112, 449-453.	2.1	3
40	A method for discrimination of noise and EMG signal regions recorded during rhythmic behaviors. Journal of Biomechanics, 2016, 49, 4113-4118.	2.1	2
41	Gaze-behaviors of runners in a natural, urban running environment. PLoS ONE, 2020, 15, e0233158.	2.5	2
42	Experimental Comparative Anatomy in Physical Anthropology: The Contributions of Dr. William L. Hylander to Studies of Skull Form and Function. , 2008, , 3-16.		2
43	A comment on: The instantaneous center of rotation during human jaw opening and its significance in interpreting the functional meaning of condylar translation (Chen, x., 1998, Am J Phys Anthropol) Tj ETQq1 1 0.784314 rgBT jOverloc		
44	Diversity in Myosin Heavy Chain Composition of the Papionin Masseter Muscle Indicates the Importance of Hybrid Phenotypes for Feeding. FASEB Journal, 2018, 32, 514.11.	0.5	0
45	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
46	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
47	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
48	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
49	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0
50	Gaze-behaviors of runners in a natural, urban running environment. , 2020, 15, e0233158.		0