

Shannon C Mcfarlin

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,057
citations

471061

17
h-index

433756

31
g-index

42
all docs

42
docs citations

42
times ranked

1178
citing authors

#	ARTICLE	IF	CITATIONS
1	Circularly polarized light standards for investigations of collagen fiber orientation in bone. <i>The Anatomical Record</i> , 2003, 274B, 157-168.	2.3	191
2	Lamellar Bone is an Incremental Tissue Reconciling Enamel Rhythms, Body Size, and Organismal Life History. <i>Calcified Tissue International</i> , 2009, 84, 388-404.	1.5	143
3	Locomotor activity influences muscle architecture and bone growth but not muscle attachment site morphology. <i>Journal of Human Evolution</i> , 2015, 78, 91-102.	1.3	76
4	Ontogenetic changes in limb bone structural proportions in mountain gorillas (<i>Gorilla beringei</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.3	69
5	Validation of two independent photogrammetric techniques for determining body measurements of gorillas. <i>American Journal of Primatology</i> , 2016, 78, 418-431.	0.8	50
6	Male body size, dominance rank and strategic use of aggression in a group-living mammal. <i>Animal Behaviour</i> , 2019, 151, 87-102.	0.8	50
7	Body growth and life history in wild mountain gorillas (<i>Gorilla beringei beringei</i>) from Volcanoes National Park, Rwanda. <i>American Journal of Physical Anthropology</i> , 2017, 163, 570-590.	2.1	48
8	Early Brain Growth Cessation in Wild Virunga Mountain Gorillas (<i>Gorilla beringei beringei</i>). <i>American Journal of Primatology</i> , 2013, 75, 450-463.	0.8	44
9	Regional variability in secondary remodeling within long bone cortices of catarrhine primates: the influence of bone growth history. <i>Journal of Anatomy</i> , 2008, 213, 308-324.	0.9	41
10	Comparative analysis of Meissner's corpuscles in the fingertips of primates. <i>Journal of Anatomy</i> , 2015, 227, 72-80.	0.9	32
11	Body mass estimation in hominoids: Age and locomotor effects. <i>Journal of Human Evolution</i> , 2018, 115, 36-46.	1.3	31
12	The evolutionary origin and population history of the grauer gorilla. <i>American Journal of Physical Anthropology</i> , 2016, 159, 4-18.	2.1	27
13	Age-related changes in molar topography and shearing crest length in a wild population of mountain Gorillas from Volcanoes National Park, Rwanda. <i>American Journal of Physical Anthropology</i> , 2016, 160, 3-15.	2.1	25
14	Quantifying linear enamel hypoplasia in Virunga Mountain gorillas and other great apes. <i>American Journal of Physical Anthropology</i> , 2018, 166, 337-352.	2.1	25
15	Unexpected terrestrial hand posture diversity in wild mountain gorillas. <i>American Journal of Physical Anthropology</i> , 2018, 166, 84-94.	2.1	25
16	Tooth wear and feeding ecology in mountain gorillas from Volcanoes National Park, Rwanda. <i>American Journal of Physical Anthropology</i> , 2016, 159, 457-465.	2.1	21
17	Dominance rank but not body size influences female reproductive success in mountain gorillas. <i>PLoS ONE</i> , 2020, 15, e0233235.	1.1	20
18	Phylogenetic and environmental effects on limb bone structure in gorillas. <i>American Journal of Physical Anthropology</i> , 2018, 166, 353-372.	2.1	19

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19	Primary bone microanatomy records developmental aspects of life history in catarrhine primates. <i>Journal of Human Evolution</i> , 2016, 92, 60-79.	1.3	15
20	A radiographic study of permanent molar development in wild Virunga mountain gorillas of known chronological age from Rwanda. <i>American Journal of Physical Anthropology</i> , 2017, 163, 129-147.	2.1	14
21	Faster growth corresponds with shallower linear hypoplastic defects in great ape canines. <i>Journal of Human Evolution</i> , 2019, 137, 102691.	1.3	14
22	3D enamel profilometry reveals faster growth but similar stress severity in Neanderthal versus Homo sapiens teeth. <i>Scientific Reports</i> , 2021, 11, 522.	1.6	11
23	Toughness of the Virunga mountain gorilla (<i>Gorilla beringei beringei</i>) diet across an altitudinal gradient. <i>American Journal of Primatology</i> , 2017, 79, e22661.	0.8	9
24	Elevated activity levels do not influence extrinsic fiber attachment morphology on the surface of muscle attachment sites. <i>Journal of Anatomy</i> , 2020, 236, 827-839.	0.9	8
25	Muscle attachment sites and behavioral reconstruction: An experimental test of muscle-bone structural response to habitual activity. <i>American Journal of Biological Anthropology</i> , 2022, 177, 63-82.	0.6	8
26	Automated, high-throughput image calibration for parallel-laser photogrammetry. <i>Mammalian Biology</i> , 2022, 102, 615-627.	0.8	8
27	Chest beats as an honest signal of body size in male mountain gorillas (<i>Gorilla beringei beringei</i>). <i>Scientific Reports</i> , 2021, 11, 6879.	1.6	7
28	Ontogenetic scaling of fore limb and hind limb joint posture and limb bone cross-sectional geometry in vervets and baboons. <i>American Journal of Physical Anthropology</i> , 2016, 161, 72-83.	2.1	6
29	Skeletal ageing in Virunga mountain gorillas. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190606.	1.8	5
30	Incisor tooth wear and age determination in mountain gorillas from Volcanoes National Park, Rwanda. <i>American Journal of Physical Anthropology</i> , 2018, 167, 930-935.	2.1	4
31	Body proportions and environmental adaptation in gorillas. <i>American Journal of Biological Anthropology</i> , 2022, 177, 501-529.	0.6	4
32	Facial asymmetry tracks genetic diversity among <i>Gorilla</i> subspecies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20212564.	1.2	4
33	Pelvic shape variation among gorilla subspecies: Phylogenetic and ecological signals. <i>Journal of Human Evolution</i> , 2019, 137, 102684.	1.3	3
34	In vivo deciduous dental eruption in <i>LuiKotale</i> bonobos and Gombe chimpanzees. <i>American Journal of Physical Anthropology</i> , 2021, 176, 684-691.	2.1	0
35	Dominance rank but not body size influences female reproductive success in mountain gorillas. , 2020, 15, e0233235.		0
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