## MORPHOSOURCE: ARCHIVING AND SHARING 3-D DIG

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Citation Report

#	Article	IF	CITATIONS
1	⟨b⟩3-D FOSSILS FOR K–12 EDUCATION: A CASE EXAMPLE USING THE GIANT EXTINCT SHARK <b>CARCHAROCLES MEGALODON</b> . The Paleontological Society Papers, 2016, 22, 197-209.	0.8	51
3	Quantification of the position and depth of the <i>flexor hallucis longus</i> groove in euarchontans, with implications for the evolution of primate positional behavior. American Journal of Physical Anthropology, 2017, 163, 367-406.	2.1	15
4	Postcrania of the most primitive euprimate and implications for primate origins. Journal of Human Evolution, 2017, 111, 202-215.	1.3	27
5	Development and Assessment of Fully Automated and Globally Transitive Geometric Morphometric Methods, With Application to a Biological Comparative Dataset With High Interspecific Variation. Anatomical Record, 2018, 301, 636-658.	0.8	25
6	Redescription and phylogenetic reassessment of the enigmatic anuran Eorubeta nevadensis (Amphibia) based on new specimens from ?latest Cretaceous–Paleocene beds of the Sheep Pass Formation, Nevada. Journal of Vertebrate Paleontology, 2018, 38, e1510413.	0.4	4
7	Digitizing extant bat diversity: An open-access repository of 3D $\hat{l}$ CT-scanned skulls for research and education. PLoS ONE, 2018, 13, e0203022.	1.1	18
8	Oldest evidence for grooming claws in euprimates. Journal of Human Evolution, 2018, 122, 1-22.	1.3	12
9	Adaptive wear-based changes in dental topography associated with atelid (Mammalia: Primates) diets. Biological Journal of the Linnean Society, 2018, 124, 584-606.	0.7	23
10	First 3D Dental Topographic Analysis of the Enamel-Dentine Junction in Non-Primate Euarchontans: Contribution of the Enamel-Dentine Junction to Molar Morphology. Journal of Mammalian Evolution, 2019, 26, 587-598.	1.0	13
11	Bonify 1.0: evaluating virtual reference collections in teaching and research. Archaeological and Anthropological Sciences, 2019, 11, 5705-5716.	0.7	6
12	Vertical support use and primate origins. Scientific Reports, 2019, 9, 12341.	1.6	11
13	Digitization of Fossils from the Fezouata Biota (Lower Ordovician, Morocco): Evaluating Computed Tomography and Photogrammetry in Collection Enhancement. Geoheritage, 2019, 11, 1889-1901.	1.5	9
14	Morphology of the <i>Homo naledi</i> femora from Lesedi. American Journal of Physical Anthropology, 2019, 170, 5-23.	2.1	5
15	ariaDNE: A robustly implemented algorithm for Dirichlet energy of the normal. Methods in Ecology and Evolution, 2019, 10, 541-552.	2.2	21
16	Paleoanthropology and Analytical Bias. , 2019, , 174-186.		0
17	A digital collection of rare and endangered lemurs and other primates from the Duke Lemur Center. PLoS ONE, 2019, 14, e0219411.	1.1	9
18	Virtual Anthropology and its Application in Cultural Heritage Studies. Studies in Conservation, 2019, 64, 323-336.	0.6	21
19	Detecting Mosaic Patterns in Macroevolutionary Disparity. American Naturalist, 2020, 195, 129-144.	1.0	2

#	Article	IF	Citations
20	The evolution of palate shape in the Lepilemur â€Cheirogaleidae clade (Primates: Strepsirrhini). American Journal of Physical Anthropology, 2020, 173, 307-321.	2.1	1
21	What makes a fang? Phylogenetic and ecological controls on tooth evolution in rear-fanged snakes. BMC Evolutionary Biology, 2020, 20, 80.	3.2	22
22	Phylogeny and evolution of unique skull morphologies in dietary specialist African shovel-snouted snakes (Lamprophiidae: <i>Prosymna</i> ). Biological Journal of the Linnean Society, 2020, 131, 136-153.	0.7	6
23	Archiving experience: an exploration of the challenges of preserving virtual reality. Records Management Journal, 2020, 30, 253-274.	0.4	4
24	A rapid and cost-effective pipeline for digitization of museum specimens with 3D photogrammetry. PLoS ONE, 2020, 15, e0236417.	1.1	35
25	Applications of 3D Paleontological Data at the Florida Museum of Natural History. Frontiers in Earth Science, 2020, 8, .	0.8	12
26	Revolutionary Fossils, Ancient Biomolecules, and Reflections in Ethics and Decolonization: Paleoanthropology in 2019. American Anthropologist, 2020, 122, 306-320.	0.7	6
27	Digitization of the Nissen–Riesen chimpanzee radiological growth series. Evolutionary Anthropology, 2020, 29, 173-179.	1.7	3
28	Getting Its Feet on the Ground: Elucidating Paralouatta's Semi-Terrestriality Using the Virtual Morpho-Functional Toolbox. Frontiers in Earth Science, 2020, 8, .	0.8	6
29	Trapping, Collaring and Monitoring the Lorisinae of Asia ( <i>Loris</i> , <i>Nycticebus</i> ) and Perodicticinae ( <i>Arctocebus</i> , <i>Perodicticus</i> ) of Africa., 2020,, 279-294.		3
30	Evaluation of Field Techniques Used to Assess Populations of Pottos and Lorises., 2020,, 295-303.		2
35	Sluggards and Drunkards?. , 2020, , 19-32.		O
36	What We Know (and Don't Know) About the Fossil Records of Lorisids. , 2020, , 33-46.		4
37	Outliers. , 2020, , 47-56.		0
38	Molecular Advances in Lorisid Taxonomy and Phylogeny. , 2020, , 57-66.		5
39	The Toothcomb of <i>Karanisia clarki</i> ., 2020, , 67-75.		5
40	The Soft-Tissue Anatomy of the Highly Derived Hand of <i>Perodicticus </i> Relative to the More Generalised <i>Nycticebus </i> ., 2020, , 76-96.		4
41	Making <i>Scents </i> <pre>of Olfactory Sensitivity in Lorises and Pottos. , 2020, , 97-112.</pre>		0

#	ARTICLE IF	CITATIONS
42	Allometric and Phylogenetic Diversity in Lorisiform Orbit Orientation., 2020,, 113-128.	0
43	The Evolution of Social Organisation in Lorisiformes. , 2020, , 129-137.	5
44	Biomechanics of Loris Locomotion. , 2020, , 138-152.	0
45	What Role Did Gum-Feeding Play in the Evolution of the Lorises?. , 2020, , 153-162.	1
47	Nutrition of Lorisiformes., 2020,, 165-173.	1
48	Seeing in the Dark. , 2020, , 174-186.	2
49	Thermoregulation in Lorises., 2020,, 187-192.	2
50	Home Range, Activity Budgets and Habitat Use in the Bengal Slow Loris ( <i>Nycticebus bengalensis</i> ) in Bangladesh., 2020,, 193-203.	5
51	Behaviour of Pottos and Angwantibos. , 2020, , 204-209.	0
52	Positional Behaviour and Substrate Preference of Slow Lorises, with a Case Study of <i>Nycticebus bengalensis </i> in Northeast India., 2020,, 210-218.	2
53	Sexual Differences in Feeding and Foraging of Released Philippine Slow Loris ( <i>Nycticebus) Tj ETQq0 0 0 rgBT /Overlock</i>	10 <sub>1</sub> Tf 50 342
54	Ranging Patterns of the Pygmy Slow Loris ( <i>Nycticebus pygmaeus</i> ) in a Mixed Deciduous Forest in Eastern Cambodia., 2020,, 228-234.	4
55	Utilising Current and Historical Zoo Records to Provide an Insight into the Captive Biology of the Rarely Kept Species Pottos and Angwantibos. , 2020, , 235-241.	0
56	Mother–Infant Behaviours in Greater Slow Loris ( <i>Nycticebus coucang</i> ) Dyads Consisting of Mothers Pregnant at Confiscation and Their Sanctuary-Born Infants. , 2020, , 242-262.	1
57	Husbandry and Reproductive Management Recommendations for Captive Lorises and Pottos ( <i>Nycticebus</i> , <i>Loris</i> perodicticus, 2020, 263-276.	2
59	Occupancy Modelling as a Method to Study Slender Loris Density. , 2020, , 304-315.	O
60	Using Accelerometers to Measure Nocturnal Primate Behaviour. , 2020, , 316-325.	1
61	Distribution and Conservation Status of Slow Lorises in Indo-China. , 2020, , 326-338.	1

#	Article	IF	CITATIONS
62	Wildlife Trade Research Methods. , 2020, , 339-361.		1
63	Online Imagery and Loris Conservation. , 2020, , 362-373.		1
64	Slow Lorises ( <i>Nycticebus</i> >spp.) as Photo Props on Instagram. , 2020, , 374-380.		2
65	Integrating Science and Puppetry to Inspire Teenagers in Rural Asia to Value Slow Lorises. , 2020, , 381-392.		0
66	Developing a Rescue and Rehabilitation Centre as a Reaction to the Extensive Illegal Wildlife Trade in Slow Lorises., 2020,, 393-403.		1
68	The Natural Historian's Guide to the CT Galaxy: Step-by-Step Instructions for Preparing and Analyzing Computed Tomographic (CT) Data Using Cross-Platform, Open Access Software. Integrative Organismal Biology, 2020, 2, obaa009.	0.9	33
69	Identifying factors that boost species discoveries of global reptiles. Zoological Journal of the Linnean Society, 2020, 190, 1274-1284.	1.0	10
70	How to build a dinosaur: Musculoskeletal modeling and simulation of locomotor biomechanics in extinct animals. Paleobiology, 2021, 47, 1-38.	1.3	66
71	morphomap: An R package for long bone landmarking, cortical thickness, and crossâ€sectional geometry mapping. American Journal of Physical Anthropology, 2021, 174, 129-139.	2.1	22
72	Modernizing Medical Museums Through the 3D Digitization of Pathological Specimens. Advances in Experimental Medicine and Biology, 2021, 1334, 181-204.	0.8	2
73	Digital Copies for Anthropological Research: Virtual Models and Databases. Vestnik Archeologii, Antropologii I Etnografii, 2021, , 105-117.	0.1	2
74	Environmental correlates of morphological diversity in Australian geckos. Global Ecology and Biogeography, 2021, 30, 1086-1100.	2.7	9
75	Evaluating the responses of three closely related small mammal lineages to climate change across the Paleocene–Eocene thermal maximum. Paleobiology, 2021, 47, 464-486.	1.3	7
76	The impact of locomotion on the brain evolution of squirrels and close relatives. Communications Biology, 2021, 4, 460.	2.0	28
77	Local Superimpositions Facilitate Morphometric Analysis of Complex Articulating Structures. Integrative and Comparative Biology, 2021, , .	0.9	7
78	Accelerated Brain Shape Evolution Is Associated with Rapid Diversification in an Avian Radiation. American Naturalist, 2021, 197, 576-591.	1.0	13
79	Teaching Ichthyology Online with a Virtual Specimen Collection. Ichthyology and Herpetology, 2021, 109, .	0.3	2
80	Duvernoy's Gland Transcriptomics of the Plains Black-Headed Snake, Tantilla nigriceps (Squamata,) Tj ETQq1	1 0,7843	14 <sub>7</sub> gBT/Ove

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#	ARTICLE	IF	Citations
81	A statistical pipeline for identifying physical features that differentiate classes of 3D shapes. Annals of Applied Statistics, 2021, 15, .	0.5	8
82	SlicerMorph: An open and extensible platform to retrieve, visualize and analyse 3D morphology. Methods in Ecology and Evolution, 2021, 12, 1816-1825.	2.2	64
83	AutoBend: An Automated Approach for Estimating Intervertebral Joint Function from Bone-Only Digital Models. Integrative Organismal Biology, 2021, 3, obab026.	0.9	10
84	Digest: New insight into sensory tradeâ€off in phyllostomid bats *. Evolution; International Journal of Organic Evolution, 2021, 75, 2946-2947.	1.1	0
86	Primate body mass and dietary correlates of tooth root surface area. American Journal of Biological Anthropology, 0, , .	0.6	0
92	Considerations for Post-processing Parameters in Mixed-Method 3D Analyses. Advances in Archaeological Practice, 2021, 9, 325-337.	0.5	0
93	Lower Levels of Vestibular Developmental Stability in Slow-Moving than Fast-Moving Primates. Symmetry, 2021, 13, 2305.	1.1	5
94	Extending beyond Gondwana: Cretaceous Cunoniaceae from western North America. New Phytologist, 2022, 234, 704-718.	3.5	6
96	SegmentGeometry: A Tool for Measuring Second Moment of Area in 3D Slicer. Integrative Organismal Biology, 2022, 4, obac009.	0.9	10
97	Data sharing in biological anthropology. American Journal of Biological Anthropology, 2022, 178, 26-53.	0.6	9
98	Reproducible Digital Restoration of Fossils Using Blender. Frontiers in Earth Science, 2022, 10, .	0.8	3
101	Museum Exhibitions of Fossil Specimens Into Commercial Products: Unexpected Outflow of 3D Models due to Unwritten Image Policies. Frontiers in Earth Science, 2022, 10, .	0.8	0
102	Enhancing the learning of evolutionary anthropology skills by combining studentâ€active teaching with actual and virtual immersion of Master's students in fieldwork, laboratory practice, and dissemination. Ecology and Evolution, 2022, 12, e8825.	0.8	3
112	Dynamics of the Zebrafish Skeleton in Three Dimensions During Juvenile and Adult Development. Frontiers in Physiology, 2022, 13, .	1.3	5
113	Specimen alignment with limited point-based homology: 3D morphometrics of disparate bivalve shells (Mollusca: Bivalvia). PeerJ, 0, 10, e13617.	0.9	4
114	Sign-oriented Dirichlet Normal Energy: Aligning Dental Topography and Dental Function in the R-package molaR. Journal of Mammalian Evolution, 2022, 29, 713-732.	1.0	6
115	To Replicate, or Not to Replicate? The Creation, Use, and Dissemination of 3D Models of Human Remains: A Case Study from Portugal. Heritage, 2022, 5, 1637-1658.	0.9	5
116	Digging adaptations evolved independently in two lineages of Psammophiid snake: evidence from cranial morphology. African Journal of Herpetology, 0, , 1-21.	0.3	0

#	ARTICLE	IF	CITATIONS
117	Updating splits, lumps, and shuffles: Reconciling GenBank names with standardized avian taxonomies. Auk, $2022,139,$ .	0.7	4
118	A solution to the challenges of interdisciplinary aggregation and use of specimen-level trait data. IScience, 2022, 25, 105101.	1.9	8
119	Studying flowers in <scp>3D</scp> using photogrammetry. New Phytologist, 2023, 237, 1922-1933.	3.5	7
120	State of the Amphibia 2020: A Review of Five Years of Amphibian Research and Existing Resources. Ichthyology and Herpetology, 2022, 110, .	0.3	15
121	No cost but high performance–An alternative open source solution for 3Dâ€visualizations in morphology. Microscopy Research and Technique, 2023, 86, 193-197.	1.2	3
122	ة،Phototank setup and focus stack imaging method for reptile and amphibian specimens (Amphibia,) Tj ETQq1 إن	l 0 <u>7</u> 8431	4 rgBT /Over
123	Endocast, brain, and bones: Correspondences and spatial relationships in squamates. Anatomical Record, 2023, 306, 2443-2465.	0.8	5
124	Virtual endocast of late Paleocene Niptomomys (Microsyopidae, Euarchonta) and early primate brain evolution. Journal of Human Evolution, 2023, 175, 103303.	1.3	1
125	A landmarking protocol for geometric morphometric analysis of squamate endocasts. Anatomical Record, 0, , .	0.8	2
126	Extended reality for biomedicine. Nature Reviews Methods Primers, 2023, 3, .	11.8	7
127	Euarchontans from Fantasia, an upland middle Eocene locality at the western margin of the Bighorn Basin. Journal of Human Evolution, 2023, 176, 103310.	1.3	0
128	Baculum shape complexity correlates to metrics of postâ€copulatory sexual selection in Musteloidea. Journal of Morphology, 2023, 284, .	0.6	2
129	Ecomorphological correlates of inner and middle ear anatomy within phyllostomid bats. Anatomical Record, 2023, 306, 2751-2764.	0.8	2
130	Cretaceous pollen cone with threeâ€dimensional preservation sheds light on the morphological evolution of cycads in deep time. New Phytologist, 2023, 238, 1695-1710.	3.5	4
131	Winged Fruits of <i>Friisifructus aligeri</i> gen. et sp. nov. from the Late Cretaceous of Western North America. International Journal of Plant Sciences, 2023, 184, 271-281.	0.6	0
132	Anatomical correlates and nomenclature of the chiropteran endocranial cast. Anatomical Record, 2023, 306, 2791-2829.	0.8	3
133	3D models related to the publication: Anatomical correlates and nomenclature of the chiropteran endocranial cast. MorphoMuseuM, 2023, 9, e193.	0.1	1
134	When morphology does not fit the genomes: the case of rodent olfaction. Biology Letters, 2023, 19, .	1.0	3

#	Article	IF	CITATION
135	Evolution of cortical geometry and its link to function, behaviour and ecology. Nature Communications, 2023, $14$ , .	5.8	5
144	The Origin and Early History of NOW as It Happened. Vertebrate Paleobiology and Paleoanthropology, 2023, , 7-32.	0.1	O
149	Challenges and opportunities for innovation in bioinformed sustainable materials. Communications Materials, 2023, 4, .	2.9	2