

Marina Melchionna

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

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citations

623188

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all docs

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docs citations

38
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Human faceâ€œff: a new method for mapping evolutionary rates on threeâ€œdimensional digital models. <i>Palaeontology</i> , 2022, 65, .	1.0	2
2	Fast production of large, timeâ€œcalibrated, informal supertrees with tree.merger. <i>Palaeontology</i> , 2022, 65, .	1.0	11
3	The influence of domestication, insularity and sociality on the tempo and mode of brain size evolution in mammals. <i>Biological Journal of the Linnean Society</i> , 2021, 132, 221-231.	0.7	17
4	A method for mapping morphological convergence on threeâ€œdimensional digital models: the case of the mammalian sabreâ€œtooth. <i>Palaeontology</i> , 2021, 64, 573-584.	1.0	9
5	Arothron: An R package for geometric morphometric methods and virtual anthropology applications. <i>American Journal of Physical Anthropology</i> , 2021, 176, 144-151.	2.1	20
6	A New Integrated Tool to Calculate and Map Bilateral Asymmetry on Three-Dimensional Digital Models. <i>Symmetry</i> , 2021, 13, 1644.	1.1	3
7	Retrodeformation of the Steinheim Cranium: Insights into the Evolution of Neanderthals. <i>Symmetry</i> , 2021, 13, 1611.	1.1	5
8	The role of habitat fragmentation in Pleistocene megafauna extinction in Eurasia. <i>Ecography</i> , 2021, 44, 1619-1630.	2.1	13
9	A 450 million years long latitudinal gradient in ageâ€œdependent extinction. <i>Ecology Letters</i> , 2020, 23, 439-446.	3.0	15
10	Past Extinctions of Homo Species Coincided with Increased Vulnerability to Climatic Change. <i>One Earth</i> , 2020, 3, 480-490.	3.6	30
11	Variation in the strength of allometry drives rates of evolution in primate brain shape. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200807.	1.2	21
12	A Major Change in Rate of Climate Niche Envelope Evolution during Hominid History. <i>IScience</i> , 2020, 23, 101693.	1.9	14
13	MInOSSE: A new method to reconstruct geographic ranges of fossil species. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1121-1132.	2.2	6
14	Target Deformation of the <i>Equus stenonis</i> Holotype Skull: A Virtual Reconstruction. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	12
15	Ancestral State Estimation with Phylogenetic Ridge Regression. <i>Evolutionary Biology</i> , 2020, 47, 220-232.	0.5	15
16	<i>Endomaker</i> , a new algorithm for fully automatic extraction of cranial endocasts and the calculation of their volumes. <i>American Journal of Physical Anthropology</i> , 2020, 172, 511-515.	2.1	12
17	From Smart Apes to Human Brain Boxes. A Uniquely Derived Brain Shape in Late Hominins Clade. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	8
18	Macroevolution of Toothed Whales Exceptional Relative Brain Size. <i>Evolutionary Biology</i> , 2019, 46, 332-342.	0.5	26

#	ARTICLE	IF	CITATIONS
19	A dynamic analysis of Middle Pleistocene human walking gait adjustment and control. Italian Journal of Geosciences, 2019, 138, 231-238.	0.4	0
20	A New Tool for Digital Alignment in Virtual Anthropology. Anatomical Record, 2019, 302, 1104-1115.	0.8	16
21	Additive effects of climate change and human hunting explain population decline and extinction in cave bears. Boreas, 2019, 48, 605-615.	1.2	11
22	A new, fast method to search for morphological convergence with shape data. PLoS ONE, 2019, 14, e0226949.	1.1	42
23	Reproducing the internal and external anatomy of fossil bones: Two new automatic digital tools. American Journal of Physical Anthropology, 2018, 166, 979-986.	2.1	21
24	The well-behaved killer: Late Pleistocene humans in Eurasia were significantly associated with living megafauna only. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 500, 24-32.	1.0	4
25	Evolution of the sabertooth mandible: A deadly ecomorphological specialization. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 496, 166-174.	1.0	23
26	Fragmentation of Neanderthals' pre-extinction distribution by climate change. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 496, 146-154.	1.0	35
27	A new method for testing evolutionary rate variation and shifts in phenotypic evolution. Methods in Ecology and Evolution, 2018, 9, 974-983.	2.2	113
28	Unexpectedly rapid evolution of mandibular shape in hominins. Scientific Reports, 2018, 8, 7340.	1.6	16
29	The evolution of cranial base and face in Cercopithecoidea and Hominoidea: Modularity and morphological integration. American Journal of Primatology, 2017, 79, e22721.	0.8	23
30	Living with the elephant in the room: Top-down control in Eurasian large mammal diversity over the last 22 million years. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 485, 956-962.	1.0	5
31	Predicted sea-level changes and evolutionary estimates for age of isolation in Central Mediterranean insular lizards. Holocene, 2017, 27, 418-426.	0.9	3
32	Progress to extinction: increased specialisation causes the demise of animal clades. Scientific Reports, 2016, 6, 30965.	1.6	32
33	The influence of climate on species distribution over time and space during the late Quaternary. Quaternary Science Reviews, 2016, 149, 188-199.	1.4	16
34	Diversification Rates and the Evolution of Species Range Size Frequency Distribution. Frontiers in Ecology and Evolution, 0, 5, .	1.1	15
35	Macroevolutionary trends of brain mass in Primates. Biological Journal of the Linnean Society, 0, , .	0.7	14
36	Small and isolated: ecology and fragmentation of Neanderthals. , 0, , 53-56.		1