Maeva Orliac

List of Publications by Year
in descending order

60 papers	1,293 citations	471509 17 h-index	377865 34 g-index
61 all docs	61 docs citations	61 times ranked	1252 citing authors

#	Article	IF	Citations
1	Middle Eocene rodents from Peruvian Amazonia reveal the pattern and timing of caviomorph origins and biogeography. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 1319-1326.	2.6	234
2	A 60-million-year Cenozoic history of western Amazonian ecosystems in Contamana, eastern Peru. Gondwana Research, 2016, 31, 30-59.	6.0	126
3	Open data and digital morphology. Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20170194.	2.6	103
4	Morphology and phylogenetic relationships of the earliest known hippopotamids (Cetartiodactyla,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	65
5	Early Miocene hippopotamids (Cetartiodactyla) constrain the phylogenetic and spatiotemporal settings of hippopotamid origin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11871-11876.	7.1	56
6	Infrasonic and Ultrasonic Hearing Evolved after the Emergence of Modern Whales. Current Biology, 2017, 27, 1776-1781.e9.	3.9	50
7	Phylogenetic relationships of the Suidae (Mammalia, Cetartiodactyla): new insights on the relationships within Suoidea. Zoologica Scripta, 2010, 39, 315-330.	1.7	49
8	The inner ear of <scp>D</scp>iacodexis, the oldest artiodactyl mammal. Journal of Anatomy, 2012, 221, 417-426.	1.5	45
9	Virtual endocranial cast of earliest EoceneDiacodexis(Artiodactyla, Mammalia) and morphological diversity of early artiodactyl brains. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3670-3677.	2.6	41
10	Endocranial morphology of PalaeocenePlesiadapis tricuspidensand evolution of the early primate brain. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132792.	2.6	35
11	MORPHOMUSEUM: AN ONLINE PLATFORM FOR PUBLICATION AND STORAGE OF VIRTUAL SPECIMENS. The Paleontological Society Papers, 2016, 22, 183-195.	0.6	30
12	Late Oligocene caviomorph rodents from Contamana, Peruvian Amazonia. Papers in Palaeontology, 2017, 3, 69-109.	1.5	29
13	Enamel microstructure evolution in anthracotheres (Mammalia, Cetartiodactyla) and new insights on hippopotamoid phylogeny. Zoological Journal of the Linnean Society, 2014, 171, 668-695.	2.3	24
14	Digital Cranial Endocast of Hyopsodus (Mammalia, â€œCondylarthraâ€): A Case of Paleogene Terrestrial Echolocation?. PLoS ONE, 2012, 7, e30000.	2.5	23
15	The petrosal of the earliest elephant-shrewChambius(Macroscelidea: Afrotheria) from the Eocene of Djebel Chambi (Tunisia) and the evolution of middle and inner ear of elephant-shrews. Journal of Systematic Palaeontology, 2013, 11, 907-923.	1.5	23
16	Eocene raoellids (Mammalia, Cetartiodactyla) outside the Indian Subcontinent: palaeogeographical implications. Geological Magazine, 2012, 149, 80-92.	1.5	20
17	Endocranial morphology of <scp>M</scp>icrochoerus erinaceus (<scp>E</scp>uprimates, <scp>T</scp>arsiiformes) and early evolution of the <scp>E</scp>uprimates brain. American Journal of Physical Anthropology, 2016, 159, 5-16.	2.1	20
18	Suoidea (Mammalia, Cetartiodactyla) from the early Oligocene of the Bugti Hills, Balochistan, Pakistan. Journal of Vertebrate Paleontology, 2010, 30, 1300-1305.	1.0	19

#	Article	IF	Citations
19	Comparative Anatomy of the Petrosal Bone of Dichobunoids, Early Members of Artiodactylamorpha (Mammalia). Journal of Mammalian Evolution, 2014, 21, 299-320.	1.8	19
20	The petrosal bone of extinct Suoidea (Mammalia, Artiodactyla). Journal of Systematic Palaeontology, 2013, 11, 925-945.	1.5	18
21	A new late Early Oligocene vertebrate fauna from Moissac, South-West France. Comptes Rendus - Palevol, 2011, 10, 239-250.	0.2	17
22	Virtual Endocast Morphology of Mesotheriidae (Mammalia, Notoungulata, Typotheria): New Insights and Implications on Notoungulate Encephalization and Brain Evolution. Journal of Mammalian Evolution, 2019, 26, 85-100.	1.8	16
23	The differentiation of bunodont Listriodontinae (Mammalia, Suidae) of Africa: new data from Kalodirr and Moruorot, Kenya. Zoological Journal of the Linnean Society, 2009, 157, 653-678.	2.3	15
24	Specialization for amphibiosis in Brachyodus onoideus (Artiodactyla, Hippopotamoidea) from the Early Miocene of France. Swiss Journal of Geosciences, 2013, 106, 265-278.	1.2	15
25	Protocetid (Cetacea, Artiodactyla) bullae and petrosals from the middle Eocene locality of KpogamÃ©, Togo: new insights into the early history of cetacean hearing. Journal of Systematic Palaeontology, 2018, 16, 621-644.	1.5	14
26	The inner ear morphology of the â€˜condylarthranâ€™Hyopsodus lepidus. Historical Biology, 2015, 27, 957-969.	1.4	13
27	The inner ear of Protungulatum (Pan-Euungulata, Mammalia). Journal of Mammalian Evolution, 2016, 23, 337-352.	1.8	13
28	Eurolistriodon tenarezensis, sp. nov., from Montreal-du-Gers (France): implications for the systematics of the European Listriodontinae (Suidae, Mammalia). Journal of Vertebrate Paleontology, 2006, 26, 967-980.	1.0	12
29	The petrosal and bony labyrinth of Diplobune minor, an enigmatic Artiodactyla from the Oligocene of Western Europe. Journal of Morphology, 2017, 278, 1168-1184.	1.2	12
30	A Rhinocerotid Skull Cooked-to-Death in a 9.2 Ma-Old Ignimbrite Flow of Turkey. PLoS ONE, 2012, 7, e49997.	2.5	12
31	New material of Diacodexis (Mammalia, Artiodactyla) from the early Eocene of Southern Europe. Geobios, 2018, 51, 285-306.	1.4	11
32	Fallen in a dead ear: intralabyrinthine preservation of stapes in fossil artiodactyls. Palaeovertebrata, 2016, 40, e3.	0.8	11
33	A Fossil Scolebythidae from the Lowermost Eocene Amber of France (Insecta: Hymenoptera). Annals of the Entomological Society of America, 2000, 93, 701-706.	2.5	10
34	Listriodon guptai Pilgrim, 1926 (Mammalia, Suidae) from the early Miocene of the Bugti Hills, Balochistan, Pakistan: new insights into early Listriodontinae evolution and biogeography. Die Naturwissenschaften, 2009, 96, 911-920.	1.6	9
35	New observations and reinterpretation on the enigmatic taxon Colombitherium (?Pyrotheria,) Tj ETQq1 1 0.784314 rgBT /Over	2.2	9
36	Hippopotamus lemerleiGrandidier, 1868 etHippopotamus madagascariensisGuldberg, 1883 (Mammalia, Hippopotamidae) : anatomie crÃ¢nio-dentaire et rÃ©vision systÃ©matique. Geodiversitas, 2014, 36, 117-161.	0.8	8

#	Article	IF	Citations
37	Cainotheriidae (Mammalia, Artiodactyla) from Dams (Quercy, SW France): phylogenetic relationships and evolution around the Eoceneâ€“Oligocene transition (MP19â€“MP21). Journal of Systematic Palaeontology, 2020, 18, 541-572.	1.5	8
38	Size and shape of the semicircular canal of the inner ear: A new marker of pig domestication?. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2022, 338, 552-560.	1.3	8
39	Osteological connexions of the petrosal bone of the extant Hippopotamidae Hippopotamus amphibius and Choeropsis liberiensis. MorphoMuseuM, 2015, 1, e1.	0.2	7
40	New remains ofEgatochoerus jaegeri(Mammalia, Suoidea) from the late Eocene of Peninsular Thailand. Palaeontology, 2011, 54, 1323-1335.	2.2	5
41	Unexpected evolutionary patterns of dental ontogenetic traits in cetartiodactyl mammals. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182417.	2.6	5
42	Endocranial Cast Anatomy of the Extinct Hipposiderid Bats Palaeophyllophora and Hipposideros (Pseudorhinolophus) (Mammalia: Chiroptera). Journal of Mammalian Evolution, 2021, 28, 679-706.	1.8	5
43	The Endocranial Cast of Indohyus (Artiodactyla, Raoellidae): The Origin of the Cetacean Brain. Journal of Mammalian Evolution, 2021, 28, 831-843.	1.8	5
44	Evolutionary drivers, morphological evolution and diversity dynamics of a surviving mammal clade: cainotherioids at the Eoceneâ€“Oligocene transition. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210173.	2.6	4
45	Early evolution of the ossicular chain in Cetacea: into the middle ear gears of a semi-aquatic protocetid whale. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191417.	2.6	3
46	A new basal raoellid artiodactyl (Mammalia) from the middle Eocene Subathu Group of Rajouri District, Jammu and Kashmir, northwest Himalaya, India. Geobios, 2021, 66-67, 193-206.	1.4	3
47	3D models related to the publication: Protocetid (Cetacea, Artiodactyla) bullae and petrosals from the Middle Eocene locality of KpogamÃ©, Togo: new insights into the early history of cetacean hearing. MorphoMuseuM, 2017, 3, e2.	0.2	3
48	Characters from the deciduous dentition and its interest for phylogenetic reconstruction in Hippopotamoidea (Cetartiodactyla: Mammalia). Zoological Journal of the Linnean Society, 2020, , .	2.3	2
49	The ossicular chain of Cainotheriidae (Mammalia, Artiodactyla). Journal of Anatomy, 2020, 237, 250-262.	1.5	2
50	New Middle Eocene proboscidean from Togo illuminates the early evolution of the elephantiform-like dental pattern. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20211439.	2.6	2
51	A new Cainotherioidea (Mammalia, Artiodactyla) from Palembert (Quercy, SW France): Phylogenetic relationships and evolutionary history of the dental pattern of Cainotheriidae. Palaeontologia Electronica, 0, , .	0.9	2
52	A reassessment of the Oligocene hyracoid mammals from Malembo, Cabinda, Angola. Geobios, 2021, 66-67, 207-215.	1.4	1
53	3D models related to the publication: The petrosal and bony labyrinth of Diplobune minor, an enigmatic Artiodactyla from the Oligocene of Western Europe. MorphoMuseuM, 2017, 3, e3.	0.2	1
54	3D models related to the publication: Infrasonic and ultrasonic hearing evolved after the emergence of modern whales. MorphoMuseuM, 2017, 3, e4.	0.2	1

#	Article	IF	Citations
55	Enamel microstructure evolution in anthracotheres (Mammalia, Cetartiodactyla) and new insights on hippopotamoid phylogeny. Zoological Journal of the Linnean Society, 0, , .	2.3	0
56	3D models related to the publication: The endocranial cast of Indohyus (Artiodactyla, Raoellidae): the origin of the cetacean brain Â. MorphoMuseuM, 2021, 7, e137.	0.2	0
57	Chapter 16. Mammalian Neogene Biostratigraphy of the Sulaiman Province, Pakistan. , 2013, , .		0
58	The endocranial cast of Microchoerus erinaceus (Euprimates, Tarsiiformes).. MorphoMuseuM, 2015, 1, e4.	0.2	0
59	3D model related to the publication: Small suids (Mammalia, Artiodactyla) from the late Early Miocene of Turkey and a short overview of Early Miocene small suoids in the Old World.. MorphoMuseuM, 2015, 1, 1-48.	0.2	0
60	Brain damage: the endocranial cast of Mixtotherium cuspidatum (Mammalia, Artiodactyla) from the Victor Brun Museum (Montauban, France). MorphoMuseuM, 2021, 7, e158.	0.2	0