

Fabrice Lihoreau

List of Publications by Year in descending order

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53
papers

2,631
citations

331670

21
h-index

197818

49
g-index

57
all docs

57
docs citations

57
times ranked

1817
citing authors

#	ARTICLE	IF	CITATIONS
1	A new hominid from the Upper Miocene of Chad, Central Africa. <i>Nature</i> , 2002, 418, 145-151.	27.8	937
2	Geology and palaeontology of the Upper Miocene Toros-Menalla hominid locality, Chad. <i>Nature</i> , 2002, 418, 152-155.	27.8	426
3	Cosmogenic nuclide dating of <i>Sahelanthropus tchadensis</i> and <i>Australopithecus bahrelghazali</i> : Mio-Pliocene hominids from Chad. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3226-3231.	7.1	175
4	The position of Hippopotamidae within Cetartiodactyla. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1537-1541.	7.1	106
5	Evolving between land and water: key questions on the emergence and history of the Hippopotamidae (Hippopotamoidea, Cetancodonta, Cetartiodactyla). <i>Biological Reviews</i> , 2011, 86, 601-625.	10.4	76
6	Morphology and phylogenetic relationships of the earliest known hippopotamids (Cetartiodactyla). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	2.3	65
7	Application of the authigenic ¹⁰ Be/ ⁹ Be dating method to continental sediments: Reconstruction of the Mio-Pleistocene sedimentary sequence in the early hominid fossiliferous areas of the northern Chad Basin. <i>Earth and Planetary Science Letters</i> , 2010, 297, 57-70.	4.4	58
8	Early Miocene hippopotamids (Cetartiodactyla) constrain the phylogenetic and spatiotemporal settings of hippopotamid origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 11871-11876.	7.1	56
9	Anthracothere dental anatomy reveals a late Miocene Chado-Libyan bioprovince. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8763-8767.	7.1	53
10	First record of a parapithecoid primate from the Oligocene of Kenya. <i>Journal of Human Evolution</i> , 2011, 61, 327-331.	2.6	53
11	Hippos stem from the longest sequence of terrestrial cetartiodactyl evolution in Africa. <i>Nature Communications</i> , 2015, 6, 6264.	12.8	42
12	A new Eocene locality in southern France sheds light on the basal radiation of Palaeotheriidae (Mammalia, Perissodactyla, Equoidea). <i>Journal of Vertebrate Paleontology</i> , 2013, 33, 195-215.	1.0	36
13	New Oligocene vertebrate localities from Northern Kenya (Turkana basin). <i>Journal of Vertebrate Paleontology</i> , 2010, 30, 293-299.	1.0	34
14	A new species of the genus <i>Microbunodon</i> (Anthracotheriidae, Artiodactyla) from the Miocene of Pakistan: genus revision, phylogenetic relationships and palaeobiogeography. <i>Zoologica Scripta</i> , 2004, 33, 97-115.	1.7	32
15	Origins of Hippopotamidae (Mammalia, Cetartiodactyla): towards resolution. <i>Zoologica Scripta</i> , 2005, 34, 119-143.	1.7	32
16	ANATOMICAL REVISION OF THE GENUS <i>MERYCOPOTAMUS</i> (ARTIODACTYLA; ANTHRACOTHERIIDAE): ITS SIGNIFICANCE FOR LATE MIOCENE MAMMAL DISPERSAL IN ASIA. <i>Palaeontology</i> , 2007, 50, 503-524.	2.2	29
17	First complete skulls of <i>Elomeryx crispus</i> (Gervais, 1849) and of <i>Protaceratherium albigense</i> (Roman, 1912) from a new Oligocene locality near Moissac (SW France). <i>Journal of Vertebrate Paleontology</i> , 2009, 29, 242-253.	1.0	28
18	Anthracotheriidae. , 2010, , 843-852.		28

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19	The occurrence of bothriodontines (Artiodactyla, Mammalia) in the Paleogene of Asia with special reference to <i>Elomeryx</i> : Paleobiogeographical implications. <i>Journal of Asian Earth Sciences</i> , 2006, 27, 885-891.	2.3	25
20	First proramphid sirenian from Senegal (Western Africa) and the Old World origin of sea cows. <i>Journal of Vertebrate Paleontology</i> , 2012, 32, 1218-1222.	1.0	25
21	Enamel microstructure evolution in anthracotheres (Mammalia, Cetartiodactyla) and new insights on hippopotamoid phylogeny. <i>Zoological Journal of the Linnean Society</i> , 2014, 171, 668-695.	2.3	24
22	Emergence of Hippopotamidae: new scenarios. <i>Comptes Rendus - Palevol</i> , 2006, 5, 749-756.	0.2	19
23	A new basal phiomorph (Rodentia, Hystricognathi) from the late Oligocene of Lokone (Turkana Basin, Kenya). <i>Journal of Mammalian Evolution</i> , 2015, 22, 561-582.	1.0	19
24	Intraspecific Variation of Endocranial Structures in Extant Equus: A Prelude to Endocranial Studies in Fossil Equoids. <i>Journal of Mammalian Evolution</i> , 2015, 22, 561-582.	1.8	19
25	A new species of Anthracotheriidae, <i>Merycopotamus medioximus</i> nov. sp. from the Late Miocene of the Potwar Plateau, Pakistan. <i>Comptes Rendus - Palevol</i> , 2004, 3, 653-662.	0.2	18
26	New material of <i>Anancus kenyensis</i> (proboscidea, mammalia) from Toros-Menalla (Late Miocene, Chad): Contribution to the systematics of African anancines. <i>Journal of African Earth Sciences</i> , 2009, 53, 171-176.	2.0	18
27	A new genus of Lophiodontidae (Perissodactyla, Mammalia) from the early Eocene of La Borie (Southern France) and the origin of the genus <i>Lophiodon</i> Cuvier, 1822. <i>Geobios</i> , 2015, 48, 25-38.	1.4	13
28	Basal hippopotamines from the upper Miocene of Chorora, Ethiopia. <i>Journal of Vertebrate Paleontology</i> , 2017, 37, e1297718.	1.0	13
29	The petrosal and bony labyrinth of <i>Diplobune minor</i> , an enigmatic Artiodactyla from the Oligocene of Western Europe. <i>Journal of Morphology</i> , 2017, 278, 1168-1184.	1.2	12
30	First record of the family Protocetidae in the Lutetian of Senegal (West Africa). <i>Palaeovertebrata</i> , 2014, 38, .	0.8	12
31	Can fossil bones and teeth be dated using fission track analysis?. <i>Chemical Geology</i> , 2008, 247, 81-99.	3.3	10
32	Enamel microstructure defines a major Paleogene hippopotamoid clade: the Merycopotamini (Cetartiodactyla, Hippopotamoidea). <i>Historical Biology</i> , 2017, 29, 947-957.	1.4	9
33	Paleoecological Inferences from Long Bone Microanatomical Specializations in Hippopotamoidea (Mammalia, Artiodactyla). <i>Journal of Mammalian Evolution</i> , 2021, 28, 847-870.	1.8	9
34	Linking 2D Observations to 3D Modeling of Enamel Microstructure – a New Integrative Framework Applied to Hippopotamoidea Evolutionary History. <i>Journal of Mammalian Evolution</i> , 2017, 24, 221-231.	1.8	7
35	Middle Miocene <i>Kenyapotamus</i> (Cetartiodactyla, Hippopotamidae) from Napudet, Turkana Basin, Kenya. <i>Journal of Vertebrate Paleontology</i> , 2017, 37, e1272055.	1.0	6
36	Intraspecific variation of <i>Eolophiodon laboriense</i> , a basal Lophiodontidae (Mammalia, Perissodactyla) from the early Eocene of Southern France. <i>Geobios</i> , 2019, 53, 51-63.	1.4	6

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37	From limb to fin: an Eocene protocetid forelimb from Senegal sheds new light on the early locomotor evolution of cetaceans. <i>Palaeontology</i> , 2020, 63, 51-66.	2.2	6
38	Revision of the Eocene artiodactyls (Mammalia, Placentalia) from Aumelas and Saint-Martin-de-Londres (Montpellier limestones, Hérault, France) questions the early European artiodactyl radiation. <i>Journal of Systematic Palaeontology</i> , 2020, 18, 1631-1656.	1.5	6
39	The Palaeotheriidae (Equoidea, Perissodactyla, Mammalia) from the Eocene fauna of Aumelas (Hérault) Tj ETQq1 1 0.784314 rgBT / 0.8 6	0.8	6
40	Unexpected evolutionary patterns of dental ontogenetic traits in cetartiodactyl mammals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182417.	2.6	5
41	The <i>Libycosaurus</i> (Hippopotamoidea, Artiodactyla) intercontinental dispersal event at the early late Miocene revealed by new fossil remains from Kasserine area, Tunisia. <i>Historical Biology</i> , 2021, 33, 146-158.	1.4	5
42	The hyaenodonts (Mammalia) from the French locality of Aumelas (Hérault), with possible new representatives from the late Ypresian. <i>Geodiversitas</i> , 2020, 42, 185.	0.8	5
43	Relationships Between Enamel Prism Decussation and Organization of the Ameloblast Layer in Rodent Incisors. <i>Anatomical Record</i> , 2019, 302, 1195-1209.	1.4	4
44	A fossil terrestrial fauna from Tobène (Senegal) provides a unique early Pliocene window in western Africa. <i>Gondwana Research</i> , 2021, 99, 21-35.	6.0	4
45	Filling a gap in the proboscidean fossil record: a new genus from the Lutetian of Senegal. <i>Journal of Paleontology</i> , 2020, 94, 580-588.	0.8	3
46	A glimpse at the ectotherms of the earliest fauna from the East African Rift (Lokone, late Oligocene of) Tj ETQq0 0 0 rgBT / 1.0 2	1.0	2
47	To split or not to split <i>Anthracotherium</i> ? A phylogeny of Anthracotheriinae (Cetartiodactyla) Tj ETQq1 1 0.784314 rgBT / 2.3 2	2.3	2
48	Characters from the deciduous dentition and its interest for phylogenetic reconstruction in Hippopotamoidea (Cetartiodactyla: Mammalia). <i>Zoological Journal of the Linnean Society</i> , 2020, , .	2.3	2
49	Contribution to the reappraisal of the mid Paleogene ichthyofauna of Western Africa with three new enigmatical elasmobranchs from Thanetian–Lutetian of Senegal. <i>Annales De Paleontologie</i> , 2020, 106, 102400.	0.5	2
50	New remains of <i>Lophiaspis maurettei</i> (Mammalia, Perissodactyla) from the early Eocene of France and the implications for the origin of the Lophiodontidae. <i>Journal of Vertebrate Paleontology</i> , 2020, 40, e1878200.	1.0	2
51	3D model related to the publication: A fossil terrestrial fauna from Tobène (Senegal) provides a unique early Pliocene window in western Africa. <i>MorphoMuseum</i> , 2021, 7, e102.	0.2	1
52	A reassessment of the Oligocene hyracoid mammals from Malembo, Cabinda, Angola. <i>Geobios</i> , 2021, 66-67, 207-215.	1.4	1
53	Enamel microstructure evolution in anthracotheres (Mammalia, Cetartiodactyla) and new insights on hippopotamid phylogeny. <i>Zoological Journal of the Linnean Society</i> , 0, , .	2.3	0