

Madelaine BÃ¶hme

List of Publications by Year in descending order

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76
papers

2,225
citations

304743

22
h-index

254184

43
g-index

77
all docs

77
docs citations

77
times ranked

1873
citing authors

#	ARTICLE	IF	CITATIONS
1	The Miocene Climatic Optimum: evidence from ectothermic vertebrates of Central Europe. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 195, 389-401.	2.3	447
2	Late Miocene "washhouse" climate in Europe. <i>Earth and Planetary Science Letters</i> , 2008, 275, 393-401.	4.4	140
3	Miocene precipitation in Europe: Temporal trends and spatial gradients. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 304, 212-218.	2.3	123
4	The reconstruction of Early and Middle Miocene climate and vegetation in Southern Germany as determined from the fossil wood flora. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 253, 91-114.	2.3	94
5	A new Miocene ape and locomotion in the ancestor of great apes and humans. <i>Nature</i> , 2019, 575, 489-493.	27.8	72
6	Ectothermic vertebrates (Actinopterygii, Allocaudata, Urodela, Anura, Crocodylia, Squamata) from the Miocene of Sandelzhausen (Germany, Bavaria) and their implications for environment reconstruction and palaeoclimate. <i>Palaontologische Zeitschrift</i> , 2010, 84, 3-41.	1.6	71
7	Messinian age and savannah environment of the possible hominin <i>Graecopithecus</i> from Europe. <i>PLoS ONE</i> , 2017, 12, e0177347.	2.5	65
8	Revision of the anguine lizard <i>Pseudopus laurillardii</i> (Squamata, Anguidae) from the Miocene of Europe, with comments on paleoecology. <i>Journal of Paleontology</i> , 2010, 84, 159-196.	0.8	64
9	Integrated stratigraphy and ⁴⁰ Ar/ ³⁹ Ar chronology of the early to middle Miocene Upper Freshwater Molasse in western Bavaria (Germany). <i>International Journal of Earth Sciences</i> , 2010, 99, 1859-1886.	1.8	59
10	A new magnetostratigraphic framework for the Lower Miocene (Burdigalian/Ottmangian, Karpatian) in the North Alpine Foreland Basin. <i>Swiss Journal of Geosciences</i> , 2013, 106, 309-334.	1.2	57
11	The Antiquity of the Rhine River: Stratigraphic Coverage of the Dinotheriensande (Eppelsheim) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 222 T</i>	2.5	47
12	Life in the sublittoral zone of long-lived Lake Pannon: paleontological analysis of the Upper Miocene Szrk Formation, Hungary. <i>International Journal of Earth Sciences</i> , 2009, 98, 1741-1766.	1.8	44
13	Potential hominin affinities of <i>Graecopithecus</i> from the Late Miocene of Europe. <i>PLoS ONE</i> , 2017, 12, e0177127.	2.5	44
14	First European evidence for transcontinental dispersal of <i>Crocodylus</i> (late Neogene of) <i>Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 222 T</i>	2.3	42
15	Ectothermic vertebrates from the late Middle Miocene of Gratkorn (Austria, Styria). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 21-40.	1.5	38
16	<i>Dorcatherium nauii</i> and pecoran ruminants from the late Middle Miocene Gratkorn locality (Austria). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 83-123.	1.5	35
17	The Cenozoic on-shore basins of Northern Vietnam: Biostratigraphy, vertebrate and invertebrate faunas. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 672-687.	2.3	34
18	A new giant salamander (Urodela, Pancryptobrancha) from the Miocene of Eastern Europe (Crytsiv.) <i>Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 222 T</i>	2.0	29

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19	The age of volcanic tuffs from the Upper Freshwater Molasse (North Alpine Foreland Basin) and their possible use for tephrostratigraphic correlations across Europe for the Middle Miocene. <i>International Journal of Earth Sciences</i> , 2018, 107, 387-407.	1.8	29
20	The cricetid rodents from Gratkorn (Austria, Styria): a benchmark locality for the continental Sarmatian sensu stricto (late Middle Miocene) in the Central Paratethys. <i>Geologica Carpathica</i> , 2010, 61, 419-436.	0.7	27
21	A new alligatoroid from the Eocene of Vietnam highlights an extinct Asian clade independent from extant <i>Alligator sinensis</i> . <i>PeerJ</i> , 2019, 7, e7562.	2.0	26
22	Reappearance of <i>Galerix</i> (Erinaceomorpha, Mammalia) at the Middle to Late Miocene transition in South Germany: biostratigraphic and palaeoecologic implications. <i>Contributions To Zoology</i> , 2011, 80, 179-189.	0.5	25
23	Large mammal ecology in the late Middle Miocene Gratkorn locality (Austria). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 189-213.	1.5	25
24	Snakes from Griesbeckerzell (Langhian, Early Badenian), North Alpine Foreland Basin (Germany), with comments on the evolution of snake faunas in Central Europe during the Miocene Climatic Optimum. <i>Geodiversitas</i> , 2011, 33, 411-449.	0.8	24
25	A new species of <i>Varanus</i> (Anguimorpha: Varanidae) from the early Miocene of the Czech Republic, and its relationships and palaeoecology. <i>Journal of Systematic Palaeontology</i> , 2018, 16, 767-797.	1.5	22
26	Unionidae (Bivalvia; Palaeoheterodonta) from the Palaeogene of northern Vietnam: exploring the origins of the modern East Asian freshwater bivalve fauna. <i>Journal of Systematic Palaeontology</i> , 2013, 11, 337-357.	1.5	20
27	A partial skeleton of <i>Deinotherium</i> (Proboscidea, Mammalia) from the late Middle Miocene Gratkorn locality (Austria). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 49-70.	1.5	20
28	Die Cypriniden (Teleostei: Cypriniformes) des oberoligozänen Maeres von Enspel nebst Bemerkungen zur Phylogenie und Biogeographie der Phoxininae. <i>Palaontologische Zeitschrift</i> , 2000, 74, 99-112.	1.6	18
29	Early Miocene gastropod and ectothermic vertebrate remains from the Lesvos Petrified Forest (Greece). <i>Palaontologische Zeitschrift</i> , 2017, 91, 541-564.	1.6	18
30	Earliest evidence of caries lesion in hominids reveal sugar-rich diet for a Middle Miocene dryopithecine from Europe. <i>PLoS ONE</i> , 2018, 13, e0203307.	2.5	18
31	Neogene amphibians and reptiles (Caudata, Anura, Gekkota, Lacertilia, and Testudines) from the south of Western Siberia, Russia, and Northeastern Kazakhstan. <i>PeerJ</i> , 2017, 5, e3025.	2.0	18
32	The fossil lagerstätte Sandelzhausen (Miocene; southern Germany): history of investigation, geology, fauna, and age. <i>Palaontologische Zeitschrift</i> , 2009, 83, 7-23.	1.6	17
33	Ectothermic vertebrates, climate and environment of the West Runton Freshwater Bed (early Middle) Tj ETQq1 1 0,784314 rgBT /Ove	1.5	17
34	Middle Miocene remains of <i>Alytes</i> (Anura, Alytidae) as an example of the unrecognized value of fossil fragments for evolutionary morphology studies. <i>Journal of Vertebrate Paleontology</i> , 2014, 34, 69-79.	1.0	16
35	Bio-magnetostratigraphy and environment of the oldest Eurasian hominoid from the Early Miocene of Engelswies (Germany). <i>Journal of Human Evolution</i> , 2011, 61, 332-339.	2.6	15
36	Asynchronous timing of extension and basin formation in the South Rhodope core complex, SW Bulgaria, and northern Greece. <i>Tectonics</i> , 2016, 35, 136-159.	2.8	15

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37	Allaeochelys libyca, a New Carettochelyine Turtle from the Middle Miocene (Langhian) of Libya. Bulletin of the Peabody Museum of Natural History, 2014, 55, 201.	1.1	14
38	Late Miocene stratigraphy, palaeoclimate and evolution of the Sandanski Basin (Bulgaria) and the chronology of the Pikermian faunal changes. Global and Planetary Change, 2018, 170, 1-19.	3.5	14
39	Apterodon intermedius, sp. nov., a new European Creodont Mammal from MP22 of Espenhain (Germany). Annales De Paleontologie, 2005, 91, 311-328.	0.5	13
40	First record of fossil Ophisaurus (Anguimorpha, Anguidae) from Asia. Journal of Vertebrate Paleontology, 2016, 36, e1219739.	1.0	13
41	The oldest known cyclophoroidean land snails (Caenogastropoda) from Asia. Journal of Systematic Palaeontology, 2018, 16, 1301-1317.	1.5	13
42	The large-sized darter Anhinga pannonica (Aves, Anhingidae) from the late Miocene hominid Hammerschmiede locality in Southern Germany. PLoS ONE, 2020, 15, e0232179.	2.5	13
43	Neogene hyperaridity in Arabia drove the directions of mammalian dispersal between Africa and Eurasia. Communications Earth & Environment, 2021, 2, .	6.8	13
44	A new testudinoid turtle from the middle to late Eocene of Vietnam. PeerJ, 2019, 7, e6280.	2.0	13
45	Habitat tracking, range dynamics and palaeoclimatic significance of Eurasian giant salamanders (Cryptobranchidae) – indications for elevated Central Asian humidity during Cenozoic global warm periods. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 342-343, 64-72.	2.3	12
46	The late Middle Miocene (Sarmatian s.str.) fossil site Gratkorn – the first decade of research, geology, stratigraphy and vertebrate fauna. Palaeobiodiversity and Palaeoenvironments, 2014, 94, 5-20.	1.5	12
47	A new Late Aagenian (MN2a, Early Miocene) fossil assemblage from Wallenried (Molasse Basin, Canton) Tj ETQq1 1 0.784314 rgBT /Over	1.6	12
48	A skull of a very large crane from the late Miocene of Southern Germany, with notes on the phylogenetic interrelationships of extant Gruinae. Journal of Ornithology, 2020, 161, 923-933.	1.1	12
49	Reappraisal of <i>Testudo antiqua</i> (Testudines, Testudinidae) from the Miocene of HohenhÄrwen, Germany. Journal of Paleontology, 2014, 88, 948-966.	0.8	12
50	Reply to: Reevaluating bipedalism in Danuvius. Nature, 2020, 586, E4-E5.	27.8	12
51	Taxonomic study of the pigs (Suidae, Mammalia) from the late Middle Miocene of Gratkorn (Austria,) Tj ETQq1 1 0.784314 rgBT /Over	1.5	11
52	First records of freshwater rissooidean gastropods from the Palaeogene of Southeast Asia. Journal of Molluscan Studies, 2012, 78, 275-282.	1.2	10
53	Comment on “A high-precision 40Ar/39Ar age for the NÄrdlinger Ries impact crater, Germany, and implications for the accurate dating of terrestrial impact events” by Schmieder et al. (Geochimica et) Tj ETQq1 1 0.784314 rgBT /Over	1.5	9
54	Taphonomical and ichnological considerations on the late Middle Miocene Gratkorn locality (Styria,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 171-188.	1.5	9

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55	Perissodactyla from the late Middle Miocene Gratkorn locality (Austria). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 71-82.	1.5	9
56	Biochronological and palaeobiogeographical significance of the earliest Miocene mammal fauna from Northern Vietnam. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2018, 98, 287-313.	1.5	9
57	The Pliocene tortoises (Testudines, Testudinidae) from the late Miocene of the South Balkans. <i>Journal of Vertebrate Paleontology</i> , 2019, 39, e1711520.	1.0	7
58	Taxodioxydon-like charcoal from the Late Miocene of western Bulgaria. <i>Acta Palaeobotanica</i> , 2014, 54, 101-111.	0.7	7
59	A review of <i>Semigenetta</i> (Viverridae, Carnivora) from the Miocene of Eurasia based on material from the hominid locality of Hammerschmiede (Germany). <i>Geobios</i> , 2021, . .	1.4	6
60	The exceptionally high diversity of small carnivores from the Late Miocene hominid locality of Hammerschmiede (Bavaria, Germany). <i>PLoS ONE</i> , 2022, 17, e0268968.	2.5	6
61	3D morphology of pharyngeal dentition of the genus <i>Capoeta</i> (Cyprinidae): Implications for taxonomy and phylogeny. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2019, 57, 179-190.	1.4	5
62	New early late Miocene species of <i>Vishnuonyx</i> (Carnivora, Lutrinidae) from the hominid locality of Hammerschmiede, Bavaria, Germany. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	1.0	5
63	Hyaenidae (Carnivora) from the Late Miocene hominid locality of Hammerschmiede (Bavaria, Germany). <i>Historical Biology</i> , 0, , 1-10.	1.4	5
64	Wolfsbarsch-Funde (Perciformes, Moronidae) aus den Süßwasser-Diatomiten von Kuhl (Bäthmen) nebst Anmerkungen zur taxonomischen Stellung von <i>Perca</i> lepidota aus den Süßwasser-Kalken von Ähningen (Baden). <i>Palaontologische Zeitschrift</i> , 1997, 71, 117-128.	1.6	4
65	Miocene snakes from northeastern Kazakhstan: new data on the evolution of snake assemblages in Siberia. <i>Historical Biology</i> , 2018, , 1-20.	1.4	4
66	Late Miocene remains from Venta del Moro (Iberian Peninsula) provide further insights on the dispersal of crocodiles across the late Miocene Tethys. <i>Journal of Paleontology</i> , 2021, 95, 184-192.	0.8	4
67	Age constraints for the Trachilos footprints from Crete. <i>Scientific Reports</i> , 2021, 11, 19427.	3.3	4
68	Terrestrial vertebrates from the Sarmatian (late Serravallian) of the Central Paratethys – the fossil site of Gratkorn (Styrian Basin, Austria). <i>Palaeobiodiversity and Palaeoenvironments</i> , 2014, 94, 1-4.	1.5	3
69	Possible species-flock scenario for the evolution of the cyprinid genus <i>Capoeta</i> (Cypriniformes: Cyprinidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 1-10.	1.0	3
70	Nearly complete leg of an unusual, shelduck-sized anseriform bird from the earliest late Miocene hominid locality Hammerschmiede (Germany). <i>Historical Biology</i> , 2023, 35, 465-474.	1.4	3
71	Unexpected cranial sexual dimorphism in the tragulid <i>Dorcatherium nauai</i> based on material from the middle to late Miocene localities of Eppelsheim and Hammerschmiede (Germany). <i>PLoS ONE</i> , 2022, 17, e0267951.	2.5	3
72	A new species of <i>Maomingosuchus</i> from the Eocene of the Na Duong Basin (northern Vietnam) sheds new light on the phylogenetic relationship of tomistomine crocodylians and their dispersal from Europe to Asia. <i>Journal of Systematic Paleontology</i> , 0, , 1-35.	1.5	3

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73	The epitensoic chorda tympani of <i>Laonastes aenigmamus</i> (Rodentia, Diatomyidae) and its phylogenetic implications. <i>Mammalian Biology</i> , 2015, 80, 96-98.	1.5	2
74	TÄœBINGEN: The Palaeontological Collection of TÄ¼bingen. <i>Natural History Collections</i> , 2018, , 505-512.	0.1	2
75	Reappraisal of the late Miocene elasmotheriine <i>Parelasmotherium schansiense</i> from Kutschwan (Shanxi Province, China) and its phylogenetic relationships. <i>Journal of Vertebrate Paleontology</i> , 2021, 41, .	1.0	2
76	Presence of the peculiar carnivore <i>Sivanasua</i> in Carinthia. <i>Historical Biology</i> , 0, , 1-6.	1.4	0