

Miguel Garces

List of Publications by Year in descending order

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74
papers

3,775
citations

108046

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145109

60
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87
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87
docs citations

87
times ranked

3282
citing authors

#	ARTICLE	IF	CITATIONS
1	Els Casots (Subirats, Catalonia), a key site for the Miocene vertebrate record of Southwestern Europe. <i>Historical Biology</i> , 2022, 34, 1494-1508.	0.7	3
2	10 Myr evolution of sedimentation rates in a deep marine to non-marine foreland basin system: Tectonic and sedimentary controls (Eocene, Tremp-Jaca Basin, Southern Pyrenees, NE Spain). <i>Basin Research</i> , 2021, 33, 447-477.	1.3	9
3	Magnetostratigraphic Dating. , 2021, , 140-152.		0
4	Magnetostratigraphy and stable isotope stratigraphy of the middle-Eocene succession of the Ainsa basin (Spain): New age constraints and implications for sediment delivery to the deep waters. <i>Marine and Petroleum Geology</i> , 2021, 132, 105182.	1.5	5
5	Paleogeographic and sedimentary evolution of the South Pyrenean foreland basin. <i>Marine and Petroleum Geology</i> , 2020, 113, 104105.	1.5	41
6	Bio- and magnetostratigraphic correlation of the Miocene primate-bearing site of Castell de BarberÀ to the earliest Vallesian. <i>Journal of Human Evolution</i> , 2019, 132, 32-46.	1.3	13
7	Dating the northern deposits of the Ebro foreland basin; implications for the kinematics of the SW Pyrenean front. <i>Tectonophysics</i> , 2019, 765, 11-34.	0.9	17
8	Temporal aspects of genetic stratigraphic units in continental sedimentary basins: Examples from the Ebro basin, Spain. <i>Earth-Science Reviews</i> , 2018, 178, 136-153.	4.0	20
9	Linking sedimentation rates and large-scale architecture for facies prediction in nonmarine basins (Paleogene, AlmazÀn Basin, Spain). <i>Basin Research</i> , 2017, 29, 213-232.	1.3	12
10	Ten years in the dump: An updated review of the Miocene primate-bearing localities from Abocador de Can Mata (NE Iberian Peninsula). <i>Journal of Human Evolution</i> , 2017, 102, 12-20.	1.3	23
11	Long-period astronomically-forced terrestrial carbon sinks. <i>Earth and Planetary Science Letters</i> , 2016, 444, 131-138.	1.8	20
12	Early-Middle Miocene subtle compressional deformation in the Ebro foreland basin (northern Spain); insights from magnetic fabrics. <i>Comptes Rendus - Geoscience</i> , 2016, 348, 213-223.	0.4	10
13	Anomalous magnetic fabrics of dikes in the stable single domain/superparamagnetic threshold. <i>Geophysical Journal International</i> , 2016, 204, 1040-1059.	1.0	11
14	Timing of magnetization and vertical-axis rotations of the Cotiella massif (Late Cretaceous, South Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	7
15	The Miocene mammal record of the VallÀs-PenedÀs Basin (Catalonia). <i>Comptes Rendus - Palevol</i> , 2016, 15, 791-812.	0.1	52
16	New magnetostratigraphic dating of the Palaeogene syntectonic sediments of the west-central Pyrenees: tectonostratigraphic implications. <i>Geological Society Special Publication</i> , 2016, 425, 107-128.	0.8	17
17	Cova del Rinoceront (Castelldefels, Barcelona): a terrestrial record for the Last Interglacial period (MIS 5) in the Mediterranean coast of the Iberian Peninsula. <i>Quaternary Science Reviews</i> , 2015, 114, 203-227.	1.4	35
18	20 Myr of eccentricity paced lacustrine cycles in the Cenozoic Ebro Basin. <i>Earth and Planetary Science Letters</i> , 2014, 408, 183-193.	1.8	64

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19	Tectono-sedimentary evolution of the peripheral basins of the Alboran Sea in the arc of Gibraltar during the latest Messinian-Pliocene. <i>Journal of Geodynamics</i> , 2014, 77, 158-170.	0.7	22
20	The Vallesian Mammal Turnover: A Late Miocene record of decoupled land-ocean evolution. <i>Geobios</i> , 2013, 46, 151-157.	0.7	27
21	Rodents and insectivores from the Lower Miocene (Agenian and Ramblian) of the Tudela Formation (Ebro Basin, Spain). <i>Journal of Iberian Geology</i> , 2013, 38, .	0.7	2
22	Aproximaci3n a la correlaci3n marino-continental del Plioceno inferior en el Sur de Espa3a. El yacimiento de micromam3feros de Alhaur3n el Grande-1 (Cuenca de M3laga, Cordillera B3tica, Espa3a). <i>Estudios Geol3gicos</i> , 2013, 69, 85.	0.7	4
23	Continental Climatic and Weathering Response to the Eocene-Oligocene Transition. <i>Journal of Geology</i> , 2012, 120, 227-236.	0.7	23
24	Hypsodont Myomiminae (Gliridae, Rodentia) from five new localities in the Lower Miocene Tudela Formation (Bardenas Reales, Ebro Basin, Spain) and their bearing on the age of the Agenian-Ramblian boundary. <i>Geodiversitas</i> , 2012, 34, 645-663.	0.2	0
25	The stratigraphic record of changing hyperaridity in the Atacama desert over the last 10Ma. <i>Earth and Planetary Science Letters</i> , 2012, 355-356, 32-38.	1.8	49
26	On the Late Miocene continentalization of the Guadix Basin: More evidence for a major Messinian hiatus. <i>Geobios</i> , 2012, 45, 617-620.	0.7	12
27	Tectonic and climatic controls on the sequential arrangement of an alluvial fan/fan3delta complex (<sc>M</sc>ontserrat, <sc>E</sc>ocene, <sc>E</sc>bro <sc>B</sc>asin, <sc>NE</sc>) Tj ETQq1 1 0.7843143gBT /Overlock 1	0.7	12
28	Micromammalian faunas from the Middle Miocene (Middle Aragonian) of the Tudela Formation (Ebro) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 0.5 4	0.5	4
29	A New Species of Clirid Rodent<i>Vasseuromys</i> from the Aragonian (Miocene) of the Ebro Basin (North-Eastern Spain). <i>Acta Palaeontologica Polonica</i> , 2012, 57, 225-239.	0.4	6
30	Updated chronology for the Miocene hominoid radiation in Western Eurasia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5554-5559.	3.3	142
31	The age of the 3Grande Coupure3mammal turnover: New constraints from the Eocene3Oligocene record of the Eastern Ebro Basin (NE Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011, 301, 97-107.	1.0	44
32	New constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterranean. <i>Basin Research</i> , 2011, 23, 123-145.	1.3	84
33	Magnetostratigraphy and detrital apatite fission track thermochronology in syntectonic conglomerates: constraints on the exhumation of the South-Central Pyrenees. <i>Basin Research</i> , 2011, 23, 309-331.	1.3	84
34	Correction to 3New constraints on the Messinian sealevel drawdown from 3D seismic data of the Ebro Margin, western Mediterranean3 Basin Research, 2011, 23, 376-376.	1.3	0
35	The Ramblian-Aragonian boundary and its significance for the European Neogene continental chronology. <i>Contributions from the Ebro Basin record (NE Spain)</i> . <i>Geobios</i> , 2011, 44, 121-134.	0.7	11
36	Closing and continentalization of the South Pyrenean foreland basin (NE Spain): magnetostratigraphical constraints. <i>Basin Research</i> , 2010, 22, 904-917.	1.3	48

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37	Messinian Lago-Mare deposits near the Strait of Gibraltar (Malaga Basin, S Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 285, 264-276.	1.0	51
38	On the late Miocene closure of the Mediterraneanâ€“Atlantic gateway through the Guadix basin (southern Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 167-179.	1.0	65
39	The Vallparad�s section (Terrassa, Iberian Peninsula) and the latest Villafranchian faunas of Europe. <i>Quaternary Science Reviews</i> , 2010, 29, 3972-3982.	1.4	110
40	First partial face and upper dentition of the Middle Miocene hominoid <i>Dryopithecus fontani</i> from Abocador de Can Mata (Vall�sâ€“Pened�s Basin, Catalonia, NE Spain): Taxonomic and phylogenetic implications. <i>American Journal of Physical Anthropology</i> , 2009, 139, 126-145.	2.1	104
41	Late Cretaceousâ€“Paleocene formation of the protoâ€“Zagros foreland basin, Lurestan Province, SW Iran. <i>Bulletin of the Geological Society of America</i> , 2009, 121, 963-978.	1.6	142
42	A Mammalian Lost World in Southwest Europe during the Late Pliocene. <i>PLoS ONE</i> , 2009, 4, e7127.	1.1	54
43	Magma flow in dikes from rift zones of the basaltic shield of Tenerife, Canary Islands: Implications for the emplacement of buoyant magma. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 173, 55-68.	0.8	17
44	Biochronological, taphonomical, and paleoenvironmental background of the fossil great ape <i>Pierolapithecus catalaunicus</i> (Primates, Hominidae). <i>Journal of Human Evolution</i> , 2008, 55, 589-603.	1.3	51
45	Comment on â€œThe diachroneity of alluvial-fan lithostratigraphy? A test case from southeastern Ebro basin magnetostratigraphyâ€“by N. Swanson-Hysell and D. L. Barbeau, Jr.. <i>Earth and Planetary Science Letters</i> , 2008, 275, 181-186.	1.8	4
46	Paleomagnetic evidence of large footwall rotations associated with low-angle faults at the Mid-Atlantic Ridge. <i>Geology</i> , 2007, 35, 279.	2.0	80
47	Dike intrusion under shear stress: Effects on magnetic and vesicle fabrics in dikes from rift zones of Tenerife (Canary Islands). <i>Journal of Structural Geology</i> , 2007, 29, 1931-1942.	1.0	39
48	Magnetobiochronology of Lower Miocene (Ramblian) continental sediments from the Tudela Formation (western Ebro basin, Spain). <i>Earth and Planetary Science Letters</i> , 2006, 243, 409-423.	1.8	61
49	Evidence for Africanâ€“Iberian exchanges during the Messinian in the Spanish mammalian record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 238, 5-14.	1.0	117
50	Revised isotopic ($^{40}\text{Ar}/^{39}\text{Ar}$) age for the lamproite volcano of Cabezos Negros, Fortuna Basin (Eastern Tj ETQq0 0 0 rgBT /Overlock 10	1.0	21
51	Relative importance of the Hercynian and post-Jurassic tectonic phases in the Saharan platform: a palaeomagnetic study of Jurassic sills in the Reggane Basin (Algeria). <i>Geophysical Journal International</i> , 2006, 167, 380-396.	1.0	20
52	Tectonic control for evaporite formation in the Eastern Betics (Tortonian; Spain). <i>Sedimentary Geology</i> , 2006, 188-189, 155-170.	1.0	45
53	Palaeomagnetic constraints on the geodynamic evolution of the Gibraltar Arc. <i>Terra Nova</i> , 2004, 16, 281-287.	0.9	34
54	Time lag of syntectonic sedimentation across an alluvial basin: theory and example from the Ebro Basin, Spain. <i>Basin Research</i> , 2004, 16, 489-506.	1.3	92

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55	Magnetostratigraphy of Miocene-Pliocene Zagros foreland deposits in the front of the Push-e Kush Arc (Lurestan Province, Iran). <i>Earth and Planetary Science Letters</i> , 2004, 225, 397-410.	1.8	261
56	Explaining the end of the hominoid experiment in Europe. <i>Journal of Human Evolution</i> , 2003, 45, 145-153.	1.3	95
57	A new middle to late Eocene continental chronostratigraphy from NE Spain. <i>Earth and Planetary Science Letters</i> , 2003, 216, 501-514.	1.8	49
58	The upper Miocene mammal record from the Teruel-Alfambra region (Spain). The MN system and continental stage/age concepts discussed. <i>Journal of Vertebrate Paleontology</i> , 2001, 21, 367-385.	0.4	119
59	Chronology and zoogeography of the Miocene hominoid record in Europe. , 2001, , 2-18.		11
60	Chronostratigraphic framework and evolution of the Fortuna basin (Eastern Betics) since the Late Miocene. <i>Basin Research</i> , 2001, 13, 199-216.	1.3	67
61	A calibrated mammal scale for the Neogene of Western Europe. State of the art. <i>Earth-Science Reviews</i> , 2001, 52, 247-260.	4.0	281
62	The 'Tortonian salinity crisis' of the eastern Betics (Spain). <i>Earth and Planetary Science Letters</i> , 2000, 181, 497-511.	1.8	115
63	Chronology of the late Turolian deposits of the Fortuna basin (SE Spain): implications for the Messinian evolution of the eastern Betics. <i>Earth and Planetary Science Letters</i> , 1998, 163, 69-81.	1.8	114
64	Old World first appearance datum of "Hipparion" horses: Late Miocene large-mammal dispersal and global events. <i>Geology</i> , 1997, 25, 19.	2.0	65
65	Calibration of the late Pliocene-early Pleistocene transition in the continental beds of the Guadix-Baza basin (southeastern Spain). <i>Quaternary International</i> , 1997, 40, 93-100.	0.7	46
66	Late Pliocene continental magnetostratigraphy in the Guadix-Baza Basin (Betic Ranges, Spain). <i>Earth and Planetary Science Letters</i> , 1997, 146, 677-687.	1.8	42
67	The Vallesian mammal succession in the Vallès-Penedès basin (northeast Spain): Paleomagnetic calibration and correlation with global events. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1997, 133, 149-180.	1.0	77
68	A new chronology for the middle to late Miocene continental record in Spain. <i>Earth and Planetary Science Letters</i> , 1996, 142, 367-380.	1.8	135
69	Magnetostratigraphy of the Vallesian (late Miocene) in the Vallès-Penedès Basin (northeast Spain). <i>Earth and Planetary Science Letters</i> , 1996, 142, 381-396.	1.8	92
70	Further evidence for inclination shallowing in red beds. <i>Geophysical Research Letters</i> , 1996, 23, 2065-2068.	1.5	37
71	Can Llobateres: the pattern and timing of the Vallesian hominoid radiation reconsidered. <i>Journal of Human Evolution</i> , 1996, 31, 143-155.	1.3	54
72	Inclination error linked to sedimentary facies in Miocene detrital sequences from the Vallès-Penedès Basin (NE Spain). <i>Geological Society Special Publication</i> , 1996, 105, 91-99.	0.8	1

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73	Magnetostratigraphic characterization of a thick Lower Pleistocene lacustrine sequence from the Baza Basin (Betic Chain, Southern Spain). <i>Physics of the Earth and Planetary Interiors</i> , 1994, 85, 173-180.	0.7	23
74	Thermoremanence in red sandstone clasts and emplacement temperature of a quaternary pyroclastic deposit (Catalan Volcanic Zone, ne Spain). <i>Studia Geophysica Et Geodaetica</i> , 1993, 37, 401-414.	0.3	6