

Francisco Sierro

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182
papers

9,723
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50
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94
g-index

209
ext. papers

10,712
ext. citations

4
avg, IF

5.79
L-index

#	Paper	IF	Citations
182	Chronology, causes and progression of the Messinian salinity crisis. <i>Nature</i> , 1999 , 400, 652-655	50.4	1344
181	Dansgaard-Oeschger and Heinrich event imprints in Alboran Sea paleotemperatures. <i>Paleoceanography</i> , 1999 , 14, 698-705		453
180	Abrupt temperature changes in the Western Mediterranean over the past 250,000 years. <i>Science</i> , 2004 , 306, 1762-5	33.3	368
179	Synchronicity between marine and terrestrial responses to millennial scale climatic variability during the last glacial period in the Mediterranean region. <i>Climate Dynamics</i> , 2002 , 19, 95-105	4.2	354
178	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. <i>Marine Geology</i> , 2014 , 352, 25-58	3.3	328
177	Evidence for enhanced Mediterranean thermohaline circulation during rapid climatic coolings. <i>Earth and Planetary Science Letters</i> , 2000 , 183, 417-429	5.3	234
176	Correlation of Late Miocene to Early Pliocene sequences between the Mediterranean and North Atlantic. <i>Paleoceanography</i> , 2001 , 16, 164-178		199
175	Age refinement of the Messinian salinity crisis onset in the Mediterranean. <i>Terra Nova</i> , 2013 , 25, 315-322		184
174	Astrochronology for the Messinian Sorbas basin (SE Spain) and orbital (precessional) forcing for evaporite cyclicity. <i>Sedimentary Geology</i> , 2001 , 140, 43-60	2.8	162
173	Impact of iceberg melting on Mediterranean thermohaline circulation during Heinrich events. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		159
172	Depositional history of estuarine infill during the last postglacial transgression (Gulf of Cadiz, Southern Spain). <i>Marine Geology</i> , 2000 , 162, 381-404	3.3	159
171	Links between marine and atmospheric processes oscillating on a millennial time-scale. A multi-proxy study of the last 50,000 yr from the Alboran Sea (Western Mediterranean Sea). <i>Quaternary Science Reviews</i> , 2005 , 24, 1623-1636	3.9	154
170	The Abad composite (SE Spain): a Messinian reference section for the Mediterranean and the APTS. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001 , 168, 141-169	2.9	148
169	Geological record and reconstruction of the late Pliocene impact of the Eltanin asteroid in the Southern Ocean. <i>Nature</i> , 1997 , 390, 357-63	50.4	146
168	Evolution of the Late Miocene Mediterranean-Atlantic gateways and their impact on regional and global environmental change. <i>Earth-Science Reviews</i> , 2015 , 150, 365-392	10.2	136
167	Holocene climate variability in the western Mediterranean region from a deepwater sediment record. <i>Paleoceanography</i> , 2007 , 22,		130
166	Ocean surface water response to short-term climate changes revealed by coccolithophores from the Gulf of Cadiz (NE Atlantic) and Alboran Sea (W Mediterranean). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2004 , 205, 317-336	2.9	124

165	Pleistocene fluctuations in the Agulhas Current Retroflexion based on the calcareous plankton record. <i>Marine Micropaleontology</i> , 1999 , 37, 1-22	1.7	123
164	Paleoceanography. Onset of Mediterranean outflow into the North Atlantic. <i>Science</i> , 2014 , 344, 1244-5033,3	3.3	119
163	The last 100,000 years in the western Mediterranean: sea surface water and frontal dynamics as revealed by coccolithophores. <i>Marine Micropaleontology</i> , 1997 , 29, 351-366	1.7	115
162	Western Mediterranean planktonic foraminifera events and millennial climatic variability during the last 70 kyr. <i>Marine Micropaleontology</i> , 2003 , 48, 49-70	1.7	115
161	Late Pleistocene evolution of the oceanic carbonate system. <i>Earth and Planetary Science Letters</i> , 2001 , 192, 109-124	5.3	115
160	Revised Technique for Calculation of Calcareous Nannofossil Accumulation Rates. <i>Micropaleontology</i> , 1997 , 43, 321	2	111
159	Evidence of abrupt changes in Western Mediterranean Deep Water circulation during the last 50kyr: A high-resolution marine record from the Balearic Sea. <i>Quaternary International</i> , 2008 , 181, 88-104 ²	2	106
158	Late Miocene globorotaliid event-stratigraphy and biogeography in the NE-Atlantic and Mediterranean. <i>Marine Micropaleontology</i> , 1993 , 21, 143-167	1.7	101
157	Glacial rapid variability in deep-water temperature and $\delta^{18}O$ from the Western Mediterranean Sea. <i>Quaternary Science Reviews</i> , 2006 , 25, 3294-3311	3.9	99
156	Contourite processes associated with the Mediterranean Outflow Water after its exit from the Strait of Gibraltar: Global and conceptual implications. <i>Geology</i> , 2014 , 42, 227-230	5	98
155	Global and regional factors controlling changes of coastlines in Southern Iberia (Spain) during the holocene. <i>Quaternary Science Reviews</i> , 1996 , 15, 773-780	3.9	84
154	Planktonic response to main oceanographic changes in the Alboran Sea (Western Mediterranean) as documented in sediment traps and surface sediments. <i>Marine Micropaleontology</i> , 2004 , 53, 423-445	1.7	82
153	Orbitally-controlled oscillations in planktic communities and cyclic changes in western Mediterranean hydrography during the Messinian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 289-316	2.9	80
152	Messinian pre-evaporite sapropels and precession-induced oscillations in western Mediterranean climate. <i>Marine Geology</i> , 1999 , 153, 137-146	3.3	76
151	Shoreface migrations at the shelf edge and sea-level changes around the Last Glacial Maximum (Gulf of Lions, NW Mediterranean). <i>Marine Geology</i> , 2006 , 234, 21-42	3.3	75
150	Ocean-surface and wind dynamics in the Atlantic Ocean off Northwest Africa during the last 140 000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000 , 161, 459-478	2.9	74
149	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin. <i>Global and Planetary Change</i> , 2015 , 133, 49-64	4.2	67
148	Postglacial sedimentary processes on the Storfjorden and Kveithola trough mouth fans: Significance of extreme glacial marine sedimentation. <i>Global and Planetary Change</i> , 2013 , 111, 309-326	4.2	66

147	Calcareous plankton dissolution pattern and coccolithophore assemblages during the last 600 kyr at ODP Site 1089 (Cape Basin, South Atlantic): paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 196, 409-426	2.9	66
146	Evolution of the gulf of Cadiz margin and southwest Portugal contourite depositional system: Tectonic, sedimentary and paleoceanographic implications from IODP expedition 339. <i>Marine Geology</i> , 2016 , 377, 7-39	3.3	65
145	The Gibraltar Corridor: Watergate of the Messinian Salinity Crisis. <i>Marine Geology</i> , 2018 , 403, 238-246	3.3	65
144	Phase relationship between sea level and abrupt climate change. <i>Quaternary Science Reviews</i> , 2009 , 28, 2867-2881	3.9	64
143	Changes in sedimentation trends in SW Iberia Holocene estuaries (Spain). <i>Quaternary International</i> , 2002 , 93-94, 171-176	2	58
142	Surface water dynamics and phytoplankton communities during deposition of cyclic late Messinian sapropel sequences in the western Mediterranean. <i>Marine Micropaleontology</i> , 2005 , 56, 50-79	1.7	57
141	Enhanced Mediterranean-Atlantic exchange during Atlantic freshening phases. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	55
140	A dynamic explanation for the origin of the western Mediterranean organic-rich layers. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	55
139	Messinian astrochronology of the Melilla Basin: Stepwise restriction of the Mediterranean-Atlantic connection through Morocco. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006 , 238, 15-31	2.9	55
138	Late glacial to recent paleoenvironmental changes in the Gulf of Cadiz and formation of sandy contourite layers. <i>Marine Geology</i> , 1999 , 155, 157-172	3.3	54
137	Persistent monsoonal forcing of Mediterranean Outflow Water dynamics during the late Pleistocene. <i>Geology</i> , 2015 , 43, 951-954	5	53
136	Digital image treatment applied to ichnological analysis of marine core sediments. <i>Facies</i> , 2014 , 60, 39-44.8		53
135	Quantitative estimation of bioturbation based on digital image analysis. <i>Marine Geology</i> , 2014 , 349, 55-69.3		51
134	Sandy contourite drift in the late Miocene Rifian Corridor (Morocco): Reconstruction of depositional environments in a foreland-basin seaway. <i>Sedimentary Geology</i> , 2017 , 355, 31-57	2.8	50
133	The replacement of the <i>Globorotalia menardii</i> group by the <i>Globorotalia miotumida</i> group: An aid to recognizing the Tortonian-Messinian boundary in the Mediterranean and adjacent Atlantic. <i>Marine Micropaleontology</i> , 1985 , 9, 525-535	1.7	50
132	Biometry of <i>Emiliania huxleyi</i> and its biostratigraphic significance in the Eastern North Atlantic Ocean and Western Mediterranean Sea in the last 20 000 years. <i>Marine Micropaleontology</i> , 2002 , 46, 247-263	1.7	49
131	Seasonal and interannual changes of planktic foraminiferal fluxes in the Gulf of Lions (NW Mediterranean) and their implications for paleoceanographic studies: Two 12-year sediment trap records. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012 , 66, 26-40	2.5	48
130	Variations in coccolithophorid production in the Eastern Equatorial Pacific at ODP Site 1240 over the last seven glacial/interglacial cycles. <i>Marine Micropaleontology</i> , 2008 , 69, 52-69	1.7	47

129	Paleoproductivity variations related to climatic conditions in the Alboran Sea (western Mediterranean) during the last glacial-interglacial transition: the diatom record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001 , 167, 337-357	2.9	47
128	A sediment-nutrient-oxygen feedback responsible for productivity variations in Late Miocene sapropel sequences of the western Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 335-348	2.9	46
127	A Middle Pleistocene Northeast Atlantic coccolithophore record: Paleoclimatology and paleoproductivity aspects. <i>Marine Micropaleontology</i> , 2012 , 90-91, 44-59	1.7	45
126	Paleoclimatic variations in foraminifer assemblages from the Alboran Sea (Western Mediterranean) during the last 150 ka in ODP Site 977. <i>Marine Geology</i> , 2004 , 212, 113-131	3.3	45
125	Tectonic control for evaporite formation in the Eastern Betics (Tortonian; Spain). <i>Sedimentary Geology</i> , 2006 , 188-189, 155-170	2.8	42
124	Southern Ocean Pleistocene calcareous nannofossil events: calibration with isotope and geomagnetic stratigraphies. <i>Marine Micropaleontology</i> , 2000 , 40, 377-402	1.7	42
123	Mediterranean Neogene planktonic foraminifer biozonation and biochronology. <i>Earth-Science Reviews</i> , 2019 , 196, 102869	10.2	41
122	IODP Expedition 339 in the Gulf of Cadiz and off West Iberia: decoding the environmental significance of the Mediterranean outflow water and its global influence. <i>Scientific Drilling</i> , 2013 , 16, 1-11		41
121	Millennial surface water dynamics in the R� de Vigo during the last 3000 years as revealed by coccoliths and molecular biomarkers. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005 , 218, 1-13	2.9	41
120	The Impact of Quaternary Global Changes on Strata Formation: Exploration of the Shelf Edge in the Northwest Mediterranean Sea. <i>Oceanography</i> , 2004 , 17, 92-103	2.3	39
119	Sonic and gamma-ray astrochronology: Cycle to cycle calibration of Atlantic climatic records to Mediterranean sapropels and astronomical oscillations. <i>Geology</i> , 2000 , 28, 695	5	39
118	The use of circularly polarized light for biometry, identification and estimation of mass of coccoliths. <i>Marine Micropaleontology</i> , 2014 , 113, 44-55	1.7	38
117	Palaeogeographic evolution of the late Miocene Rifian Corridor (Morocco): Reconstructions from surface and subsurface data. <i>Earth-Science Reviews</i> , 2018 , 180, 37-59	10.2	37
116	Thick-skinned tectonics closing the Rifian Corridor. <i>Tectonophysics</i> , 2017 , 710-711, 249-265	3.1	37
115	Precession-related sapropelites of the Messinian Sorbas Basin (South Spain): paleoenvironmental significance. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000 , 158, 353-370	2.9	37
114	Microplankton response to environmental conditions in the Alboran Sea (Western Mediterranean): One year sediment trap record. <i>Marine Micropaleontology</i> , 2011 , 78, 14-24	1.7	36
113	Sea surface distribution of coccolithophores in the eastern Pacific sector of the Southern Ocean (Bellingshausen and Amundsen Seas) during the late austral summer of 2001. <i>Marine Micropaleontology</i> , 2008 , 69, 16-25	1.7	36
112	Western versus eastern Mediterranean paleoceanographic response to astronomical forcing: a high-resolution microplankton study of precession-controlled sedimentary cycles during the Messinian. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 190, 317-334	2.9	36

111	Record of Holocene glacial oscillations in Bransfield Basin as revealed by siliceous microfossil assemblages. <i>Antarctic Science</i> , 1998 , 10, 269-285	1.7	36
110	Controls of shell calcification in planktonic foraminifers. <i>Quaternary Science Reviews</i> , 2008 , 27, 956-961	3.9	35
109	Seasonal to interannual variability and geographic distribution of the silicoflagellate fluxes in the Western Mediterranean. <i>Marine Micropaleontology</i> , 2010 , 77, 46-57	1.7	34
108	Late Miocene Mediterranean desiccation: topography and significance of the Salinity Crisis Erosion surface on-land in southeast Spain: Comment. <i>Sedimentary Geology</i> , 2000 , 133, 167-174	2.8	34
107	Sedimentation rates from calcareous nannofossil and planktonic foraminifera biostratigraphy in the Andaman Sea, northern Bay of Bengal, and eastern Arabian Sea. <i>Marine and Petroleum Geology</i> , 2014 , 58, 425-437	4.7	33
106	The "Shackleton Site" (IODP Site U1385) on the Iberian Margin. <i>Scientific Drilling</i> , 2013 , 16, 13-19		33
105	Arctic front shifts in the subpolar North Atlantic during the Mid-Pleistocene (800-400ka) and their implications for ocean circulation. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 311, 268-280	3.9	33
104	Ocean circulation, ice sheet growth and interhemispheric coupling of millennial climate variability during the mid-Pleistocene (ca 800-400ka). <i>Quaternary Science Reviews</i> , 2011 , 30, 3234-3247	3.9	33
103	Diatom fluxes in the NW Mediterranean: evidence from a 12-year sediment trap record and surficial sediments. <i>Journal of Plankton Research</i> , 2013 , 35, 1109-1125	2.2	32
102	Coccolithophore productivity and surface water dynamics in the Alboran Sea during the last 25kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015 , 418, 126-140	2.9	31
101	Coccolith distribution patterns in surface sediments of Equatorial and Southeastern Pacific Ocean. <i>Geobios</i> , 2010 , 43, 131-149	1.5	31
100	Evolution of depositional environments after the end of Messinian Salinity Crisis in Nijar basin (SE Betic Cordillera). <i>Sedimentary Geology</i> , 2006 , 188-189, 279-295	2.8	31
99	Synchronous onset of the Messinian evaporite precipitation: First Mediterranean offshore evidence. <i>Earth and Planetary Science Letters</i> , 2015 , 427, 112-124	5.3	30
98	Response of macrobenthic and foraminifer communities to changes in deep-sea environmental conditions from Marine Isotope Stage (MIS) 12 to 11 at the Shackleton Site. <i>Global and Planetary Change</i> , 2015 , 133, 176-187	4.2	30
97	Distribution of large <i>Emiliana huxleyi</i> in the Central and Northeast Atlantic as a tracer of surface ocean dynamics during the last 25,000years. <i>Marine Micropaleontology</i> , 2010 , 76, 53-66	1.7	29
96	A 500 kyr record of global sea-level oscillations in the Gulf of Lion, Mediterranean Sea: new insights into MIS 3 sea-level variability. <i>Climate of the Past</i> , 2012 , 8, 1067-1077	3.9	28
95	Bioaccumulation record and paleoclimatic significance in the Western Bransfield Strait. The last 2000 years. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002 , 49, 935-950	2.3	28
94	Quaternary chronostratigraphic framework and sedimentary processes for the Gulf of Cadiz and Portuguese Contourite Depositional Systems derived from Natural Gamma Ray records. <i>Marine Geology</i> , 2016 , 377, 40-57	3.3	26

93	Virtual 3D tour of the Neogene palaeontological heritage of Huelva (Guadalquivir Basin, Spain). <i>Environmental Earth Sciences</i> , 2015 , 73, 4609-4618	2.9	26
92	Late Miocene contourite channel system reveals intermittent overflow behavior. <i>Geology</i> , 2020 , 48, 1194-1199	2.6	26
91	Messinian Salinity Crisis deposits widespread over the Balearic Promontory: Insights from new high-resolution seismic data. <i>Marine and Petroleum Geology</i> , 2015 , 66, 41-54	4.7	25
90	Coccolithophore estimates of paleotemperature and paleoproductivity changes in the southeast Pacific over the past ~27 kyr. <i>Paleoceanography</i> , 2011 , 26,		25
89	Atmospheric patterns driving Holocene productivity in the Alboran Sea (Western Mediterranean): A multiproxy approach. <i>Holocene</i> , 2015 , 25, 583-595	2.6	24
88	Impact of suborbital climate changes in the North Atlantic on ice sheet dynamics at the Mid-Pleistocene Transition. <i>Paleoceanography</i> , 2012 , 27, n/a-n/a		24
87	Isotope stratigraphy ($^{87}\text{Sr}/^{86}\text{Sr}$, $\delta^{18}\text{O}$, $\delta^{13}\text{C}$) of the Sorbas basin (Betic Cordillera, Spain): Paleooceanographic evolution across the onset of the Messinian salinity crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 469, 60-73	2.9	23
86	Mediterranean isolation preconditioning the Earth System for late Miocene climate cooling. <i>Scientific Reports</i> , 2019 , 9, 3795	4.9	23
85	Pronounced mid-Pleistocene southward shift of the Polar Front in the Atlantic sector of the Southern Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007 , 54, 2432-2442	2.3	23
84	Coccolithophore biodiversity controls carbonate export in the Southern Ocean. <i>Biogeosciences</i> , 2020 , 17, 245-263	4.6	22
83	The "white ocean" hypothesis: a late pleistocene southern ocean governed by coccolithophores and driven by phosphorus. <i>Frontiers in Microbiology</i> , 2012 , 3, 233	5.7	22
82	Mediterranean Overflow Over the Last 250 kyr: Freshwater Forcing From the Tropics to the Ice Sheets. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003931	3.3	22
81	Paleomagnetic and paleoenvironmental implications of magnetofossil occurrences in late Miocene marine sediments from the Guadalquivir Basin, SW Spain. <i>Frontiers in Microbiology</i> , 2014 , 5, 71	5.7	21
80	Overpressure within upper continental slope sediments from CPTU data, Gulf of Lion, NW Mediterranean Sea. <i>International Journal of Earth Sciences</i> , 2009 , 98, 751-768	2.2	20
79	Age refinement and basin evolution of the North Rifian Corridor (Morocco): No evidence for a marine connection during the Messinian Salinity Crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 485, 416-432	2.9	19
78	Monsoonal dynamics and evolution of the primary productivity in the eastern Arabian Sea over the past 30ka. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014 , 411, 249-256	2.9	17
77	Palynology of the northwestern Mediterranean shelf (Gulf of Lions): First vegetational record for the last climatic cycle. <i>Marine and Petroleum Geology</i> , 2005 , 22, 845-863	4.7	17
76	Svalbard ice-sheet decay after the Last Glacial Maximum: New insights from micropalaeontological and organic biomarker paleoceanographical reconstructions. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 465, 225-236	2.9	16

75	Rapid reconstruction of paleoenvironmental features using a new multiplatform program. <i>Micropaleontology</i> , 2004 , 50, 391-395	2	16
74	Late Pleistocene palaeoproductivity patterns during the last climatic cycle in the Guyana Basin as revealed by calcareous nannoplankton. <i>EEarth</i> , 2009 , 4, 1-13		16
73	Changes in western Mediterranean thermohaline circulation in association with a deglacial Organic Rich Layer formation in the Alboran Sea. <i>Quaternary Science Reviews</i> , 2020 , 228, 106075	3.9	16
72	The response of SST to insolation and ice sheet variability from MIS 3 to MIS 11 in the northwestern Mediterranean Sea (Gulf of Lions). <i>Geophysical Research Letters</i> , 2015 , 42, 10,366	4.9	15
71	Paleoclimate Variability in the Mediterranean Region 2012 , 1-86		15
70	Response of ostracods to abrupt climate changes in the Western Mediterranean (Gulf of Lions) during the last 30kyr. <i>Marine Micropaleontology</i> , 2010 , 77, 1-14	1.7	15
69	Evidence of early bottom water current flow after the Messinian Salinity Crisis in the Gulf of Cadiz. <i>Marine Geology</i> , 2016 , 380, 315-329	3.3	15
68	Astronomical tuning for the upper Messinian Spanish Atlantic margin: Disentangling basin evolution, climate cyclicity and MOW. <i>Global and Planetary Change</i> , 2015 , 135, 89-103	4.2	14
67	Origin of the large Pliocene and Pleistocene debris flows on the Algarve margin. <i>Marine Geology</i> , 2016 , 377, 58-76	3.3	14
66	Severe cooling episodes at the onset of deglaciations on the Southwestern Iberian margin from MIS 21 to 13 (IODP site U1385). <i>Global and Planetary Change</i> , 2015 , 135, 159-169	4.2	14
65	Impact of climate and sea level changes on the ventilation of intermediate water and benthic foraminifer assemblages in the Gulf of Lions, off South France, during MIS 6 and 7. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2011 , 309, 215-228	2.9	14
64	Late neogene molluscan faunas from the Northeast Atlantic (Portugal, Spain, Morocco). <i>Geobios</i> , 1995 , 28, 459-471	1.5	14
63	Calcareous Plankton Analysis in the Pre-Evaporitic Sediments of the ODP Site 654 (Tyrrhenian Sea, Western Mediterranean). <i>Micropaleontology</i> , 1992 , 38, 279	2	14
62	Contourite characterization and its discrimination from other deep-water deposits in the Gulf of Cadiz contourite depositional system. <i>Sedimentology</i> , 2021 , 68, 987-1027	3.3	14
61	Benthic foraminifera-based reconstruction of the first Mediterranean-Atlantic exchange in the early Pliocene Gulf of Cadiz. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017 , 472, 93-107	2.9	13
60	Full annual monitoring of Subantarctic <i>Emiliania huxleyi</i> populations reveals highly calcified morphotypes in high-CO ₂ winter conditions. <i>Scientific Reports</i> , 2020 , 10, 2594	4.9	13
59	Palaeoceanographic changes in the North Atlantic during the Mid-Pleistocene Transition (MIS 31-19) as inferred from planktonic foraminiferal and calcium carbonate records. <i>Boreas</i> , 2013 , 42, 140-159	3.4	13
58	North Atlantic paleoceanography: The last five million years. <i>Eos</i> , 2006 , 87, 129	1.5	13

57	Parallelisms between sea surface temperature changes in the western tropical Atlantic (Guiana Basin) and high latitude climate signals over the last 140 000 years. <i>Climate of the Past</i> , 2015 , 11, 1297-1311	3.9	13
56	New age constraints on the western Betic intramontane basins: A late Tortonian closure of the Guadalhorce Corridor?. <i>Terra Nova</i> , 2018 , 30, 325-332	3	12
55	Coccolithophore populations and their contribution to carbonate export during an annual cycle in the Australian sector of the Antarctic zone. <i>Biogeosciences</i> , 2018 , 15, 1843-1862	4.6	12
54	High-resolution productivity record and reconstruction of ENSO dynamics during the Holocene in the Eastern Equatorial Pacific using coccolithophores. <i>Holocene</i> , 2014 , 24, 176-187	2.6	11
53	A high resolution opal and radiolarian record from the subpolar North Atlantic during the Mid-Pleistocene Transition (1069779ka): Palaeoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 391, 49-70	2.9	11
52	Imprint of Messinian Salinity Crisis events on the Spanish Atlantic margin. <i>Newsletters on Stratigraphy</i> , 2018 , 51, 93-115	2.9	11
51	Miocene to Pleistocene osmium isotopic records of the Mediterranean sediments. <i>Paleoceanography</i> , 2016 , 31, 148-166		10
50	Modern sea surface productivity and temperature estimations off Chile as detected by coccolith accumulation rates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013 , 392, 534-545	2.9	10
49	Changes in planktic and benthic foraminifer assemblages in the Gulf of Lions, off south France: Response to climate and sea level change from MIS 6 to MIS 11. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 1258-1276	3.6	10
48	The Mid-Brunhes Transition in ODP Sites 1089 and 1090 (Subantarctic South Atlantic). <i>Geophysical Monograph Series</i> , 2003 , 113-129	1.1	10
47	The impact of ice-sheet dynamics in western Mediterranean environmental conditions during Terminations. An approach based on terrestrial long chain n-alkanes deposited in the upper slope of the Gulf of Lions. <i>Chemical Geology</i> , 2016 , 430, 21-33	4.2	10
46	Early Pliocene climatic optimum, cooling and early glaciation deduced by terrestrial and marine environmental changes in SW Spain. <i>Global and Planetary Change</i> , 2019 , 180, 89-99	4.2	9
45	Monitoring fluctuations of the Subtropical Front in the Tasman Sea between 3.45 and 2.45 Ma (ODP site 1172). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012 , 313-314, 215-224	2.9	9
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