

Paleoceanography of the Atlanticâ€Mediterranean exchange assessment of climatic forcing

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Impact of restriction of the Atlantic-Mediterranean gateway on the Mediterranean Outflow Water and eastern Atlantic circulation during the Messinian. <i>Paleoceanography</i> , 2012, 27, .	3.0	42
2	A Pliocene mixed contourite-turbidite system offshore the Algarve Margin, Gulf of Cadiz: Seismic response, margin evolution and reservoir implications. <i>Marine and Petroleum Geology</i> , 2013, 46, 36-50.	1.5	77
3	Calcareous plankton response to orbital and millennial-scale climate changes across the Middle Pleistocene in the western Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 392, 105-116.	1.0	38
4	The parameterisation of Mediterranean-Atlantic water exchange in the Hadley Centre model HadCM3, and its effect on modelled North Atlantic climate. <i>Ocean Modelling</i> , 2013, 62, 11-16.	1.0	22
5	First Nd isotope record of Mediterranean-Atlantic water exchange through the Moroccan Rifian Corridor during the Messinian Salinity Crisis. <i>Earth and Planetary Science Letters</i> , 2013, 368, 163-174.	1.8	27
6	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> , 0, 16, 1-11.	1.0	53
7	New insights on the mineralization of dissolved organic matter in central, intermediate, and deep water masses of the northeast North Atlantic. <i>Limnology and Oceanography</i> , 2013, 58, 681-696.	1.6	43
8	Messinian productivity changes in the northeastern Atlantic and their relationship to the closure of the Atlantic-Mediterranean gateway: implications for Neogene palaeoclimate and palaeoceanography. <i>Journal of the Geological Society</i> , 2014, 171, 389-400.	0.9	18
9	Contourites and associated sediments controlled by deep-water circulation processes: State-of-the-art and future considerations. <i>Marine Geology</i> , 2014, 352, 111-154.	0.9	582
10	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.	2.0	116
11	Late Pliocene variations of the Mediterranean outflow. <i>Marine Geology</i> , 2014, 357, 182-194.	0.9	28
12	21,000 Years of Ethiopian African monsoon variability recorded in sediments of the western Nile deep-sea fan. <i>Regional Environmental Change</i> , 2014, 14, 1685-1696.	1.4	60
13	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. <i>Marine Geology</i> , 2014, 352, 25-58.	0.9	436
14	A salty start to modern ocean circulation. <i>Science</i> , 2014, 344, 1228-1229.	6.0	1
15	Onset of Mediterranean outflow into the North Atlantic. <i>Science</i> , 2014, 344, 1244-1250.	6.0	144
16	Sensitivity of modern climate to the presence, strength and salinity of Mediterranean-Atlantic exchange in a global general circulation model. <i>Climate Dynamics</i> , 2014, 42, 859-877.	1.7	35
17	Deciphering bottom current velocity and paleoclimate signals from contourite deposits in the Gulf of Cadiz during the last 140 kyr: An inorganic geochemical approach. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3145-3160.	1.0	86
18	20,000 years of Nile River dynamics and environmental changes in the Nile catchment area as inferred from Nile upper continental slope sediments. <i>Quaternary Science Reviews</i> , 2015, 130, 200-221.	1.4	87

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19	Mediterranean Outflow and surface water variability off southern Portugal during the early Pleistocene: A snapshot at Marine Isotope Stages 29 to 34 (1020â€“1135 ka). <i>Global and Planetary Change</i> , 2015, 133, 223-237.	1.6	29
20	Geochemical evidence for intermediate water circulation in the westernmost Mediterranean over the last 20kyrBP and its impact on the Mediterranean Outflow. <i>Global and Planetary Change</i> , 2015, 135, 38-46.	1.6	29
21	Mediterranean climate and oceanography, and the periodic development of anoxic events (sapropels). <i>Earth-Science Reviews</i> , 2015, 143, 62-97.	4.0	377
22	Levantine intermediate water hydrodynamic and bottom water ventilation in the northern Tyrrhenian Sea over the past 56,000 years: New insights from benthic foraminifera and ostracods. <i>Quaternary International</i> , 2015, 357, 295-313.	0.7	23
23	Synchronous onset of the Messinian evaporite precipitation: First Mediterranean offshore evidence. <i>Earth and Planetary Science Letters</i> , 2015, 427, 112-124.	1.8	44
24	Cooling Mediterranean Sea surface temperatures during the Late Miocene provide a climate context for evolutionary transitions in Africa and Eurasia. <i>Earth and Planetary Science Letters</i> , 2015, 419, 71-80.	1.8	51
25	Persistent monsoonal forcing of Mediterranean Outflow Water dynamics during the late Pleistocene. <i>Geology</i> , 2015, 43, 951-954.	2.0	67
26	Regional and global significance of Pliocene sea surface temperatures from the Gulf of Cadiz (Site Tj ETQq1 1 0.784314 rgBT ₁₇ Overlook	1.6	17
27	Evolution of the Late Miocene Mediterraneanâ€™Atlantic gateways and their impact on regional and global environmental change. <i>Earth-Science Reviews</i> , 2015, 150, 365-392.	4.0	171
28	Fluctuations of Mediterranean Outflow Water circulation in the Gulf of Cadiz during MIS 5 to 7: Evidence from benthic foraminiferal assemblage and stable isotope records. <i>Global and Planetary Change</i> , 2015, 133, 125-140.	1.6	32
29	Palaeohydrological changes over the last 50â€™ky in the central Gulf of Cadiz: complex forcing mechanisms mixing multi-scale processes. <i>Biogeosciences</i> , 2016, 13, 5357-5377.	1.3	12
30	The Uniqueness of Planktonic Ecosystems in the Mediterranean Sea: The Response to Orbital- and Suborbital-Climatic Forcing over the Last 130,000 Years. <i>Open Geosciences</i> , 2016, 8, 567-578.	0.6	3
31	The timing of Mediterranean sapropel deposition relative to insolation, sea-level and African monsoon changes. <i>Quaternary Science Reviews</i> , 2016, 140, 125-141.	1.4	135
32	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.	0.9	20
33	Erosive sub-circular depressions on the Guadalquivir Bank (Gulf of Cadiz): Interaction between bottom current, mass-wasting and tectonic processes. <i>Marine Geology</i> , 2016, 378, 5-19.	0.9	36
34	Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. <i>Marine Geology</i> , 2016, 378, 127-156.	0.9	60
35	New insights into upper MOW variability over the last 150kyr from IODP 339 Site U1386 in the Gulf of Cadiz. <i>Marine Geology</i> , 2016, 377, 136-145.	0.9	37
36	Seismic geomorphological reconstructions of Plio-Pleistocene bottom current variability at Goban Spur. <i>Marine Geology</i> , 2016, 378, 261-275.	0.9	12

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37	Seismic evidence of current-controlled sedimentation in the Alboran Sea during the Pliocene and Quaternary: Palaeoceanographic implications. <i>Marine Geology</i> , 2016, 378, 292-311.	0.9	47
38	Climate changes in south western Iberia and Mediterranean Outflow variations during two contrasting cycles of the last 1Myrs: MIS 31 to MIS 30 and MIS 12 to MIS 11. <i>Global and Planetary Change</i> , 2016, 136, 18-29.	1.6	25
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40	Reworked tsunami deposits by bottom currents: Circumstantial evidences from Late Pleistocene to Early Holocene in the Gulf of Cadiz. <i>Marine Geology</i> , 2016, 377, 95-109.	0.9	16
41	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.	0.9	89
42	Coccolithophore and benthic foraminifera distribution patterns in the Gulf of Cadiz and Western Iberian Margin during Integrated Ocean Drilling Program (IODP) Expedition 339. <i>Journal of Marine Systems</i> , 2017, 170, 50-67.	0.9	10
43	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.	1.0	17
44	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.	1.0	60
45	Mediterranean Outflow Water dynamics during the past ~570 kyr: Regional and global implications. <i>Paleoceanography</i> , 2017, 32, 634-647.	3.0	23
46	Changes in northeast Atlantic hydrology during Termination 1: Insights from Celtic margin's benthic foraminifera. <i>Quaternary Science Reviews</i> , 2017, 175, 45-59.	1.4	12
47	The Mediterranean Overflow in the Gulf of Cadiz: A rugged journey. <i>Science Advances</i> , 2017, 3, eaao0609.	4.7	66
48	Holocene evolution of the North Atlantic subsurface transport. <i>Climate of the Past</i> , 2017, 13, 333-344.	1.3	34
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50	Oceanic heat pulses fueling moisture transport towards continental Europe across the mid-Pleistocene transition. <i>Quaternary Science Reviews</i> , 2018, 179, 48-58.	1.4	21
51	Sedimentary processes and cold-water coral mini-mounds at the Ferrol canyon head, NW Iberian margin. <i>Progress in Oceanography</i> , 2018, 169, 48-65.	1.5	11
52	Palaeogeographic evolution of the late Miocene Rifian Corridor (Morocco): Reconstructions from surface and subsurface data. <i>Earth-Science Reviews</i> , 2018, 180, 37-59.	4.0	52
53	Geomorphological and sedimentary processes of the glacially influenced northwestern Iberian continental margin and abyssal plains. <i>Geomorphology</i> , 2018, 312, 60-85.	1.1	11
54	Transient hydrodynamic effects influence organic carbon signatures in marine sediments. <i>Nature Communications</i> , 2018, 9, 4690.	5.8	27

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55	A 10-fold decline in the deep Eastern Mediterranean thermohaline overturning circulation during the last interglacial period. <i>Earth and Planetary Science Letters</i> , 2018, 503, 58-67.	1.8	30
56	Variations in Mediterranean-Atlantic exchange across the late Pliocene climate transition. <i>Climate of the Past</i> , 2018, 14, 339-350.	1.3	6
57	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.	0.9	17
58	Monsoonal Forcing of European Ice-Sheet Dynamics During the Late Quaternary. <i>Geophysical Research Letters</i> , 2018, 45, 7066-7074.	1.5	17
59	Paleoceanographic and climatic implications of a new Mediterranean Outflow branch in the southern Gulf of Cadiz. <i>Quaternary Science Reviews</i> , 2018, 197, 92-111.	1.4	17
60	41 The Interface Between Tectonic Evolution and Cold-Water Coral Dynamics in the Mediterranean. <i>Coral Reefs of the World</i> , 2019, , 499-505.	0.3	0
61	6 Did Quaternary Climate Fluctuations Affect Mediterranean Deep-Sea Coral Communities?. <i>Coral Reefs of the World</i> , 2019, , 51-55.	0.3	1
62	Morphological features and associated bottom-current dynamics in the Le Danois Bank region (southern Bay of Biscay, NE Atlantic): A model in a topographically constrained small basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 149, 103054.	0.6	7
63	Mediterranean isolation preconditioning the Earth System for late Miocene climate cooling. <i>Scientific Reports</i> , 2019, 9, 3795.	1.6	35
64	Enhanced Mediterranean water cycle explains increased humidity during MIS3 in North Africa. <i>Climate of the Past</i> , 2019, 15, 1757-1769.	1.3	19
65	Seasonal variability of intermediate water masses in the Gulf of Cadiz: implications of the Antarctic and subarctic seesaw. <i>Ocean Science</i> , 2019, 15, 1381-1397.	1.3	12
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67	Flooding of the Caspian Sea at the intensification of Northern Hemisphere Glaciations. <i>Global and Planetary Change</i> , 2019, 174, 153-163.	1.6	24
68	Post-LGM upward shift of the Mediterranean Outflow Water recorded in a contourite drift off NW Spain. <i>Marine Geology</i> , 2019, 407, 334-349.	0.9	11
69	A new perspective of the Alboran Upwelling System reconstruction during the Marine Isotope Stage 11: A high-resolution coccolithophore record. <i>Quaternary Science Reviews</i> , 2020, 245, 106520.	1.4	13
70	Multiple factors controlling the deep marine sedimentation of the Alboran Sea (SW Mediterranean) after the Zanclean Atlantic Mega-flood. <i>Marine Geology</i> , 2020, 423, 106138.	0.9	15
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72	The sines contourite depositional system along the SW Portuguese margin: Onset, evolution and conceptual implications. <i>Marine Geology</i> , 2020, 430, 106357.	0.9	7

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73	Globorotalia truncatulinoides in Central - Western Mediterranean Sea during the Little Ice Age. <i>Marine Micropaleontology</i> , 2020, 161, 101921.	0.5	5
74	Late Miocene contourite channel system reveals intermittent overflow behavior. <i>Geology</i> , 2020, 48, 1194-1199.	2.0	45
75	Mediterranean Overflow Over the Last 250 kyr: Freshwater Forcing From the Tropics to the Ice Sheets. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003931.	1.3	42
76	Climate-induced Variability in Mediterranean Outflow to the North Atlantic Ocean During the Late Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003947.	1.3	5
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78	Deglacial upslope shift of NE Atlantic intermediate waters controlled slope erosion and cold-water coral mound formation (Porcupine Seabight, Irish margin). <i>Quaternary Science Reviews</i> , 2020, 237, 106310.	1.4	21
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80	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.	1.6	37
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83	Glacial-to-deglacial reservoir and ventilation ages on the southwest Iberian continental margin. <i>Quaternary Science Reviews</i> , 2021, 255, 106818.	1.4	6
84	The North Atlantic Glacial Eastern Boundary Current as a Key Driver for Ice-sheet AMOC Interactions and Climate Instability. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004068.	1.3	25
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87	Deoxygenation dynamics on the western Nile deep-sea fan during sapropel S1 from seasonal to millennial timescales. <i>Climate of the Past</i> , 2021, 17, 1025-1050.	1.3	7
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92	(Paleo)oceanography of semi-enclosed seas with a focus on the Mediterranean region; Insights from basic theory. <i>Earth-Science Reviews</i> , 2021, 221, 103810.	4.0	5
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97	Source-to-sink pathways of clay minerals in the cadiz contourite system over the last 25 kyrs: The segregational role of mediterranean outflow water. <i>Marine Geology</i> , 2022, 443, 106697.	0.9	6
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102	Structural control and tectono-sedimentary evolution of the Gulf of Cadiz, SW Iberia since the late Miocene: Implications for contourite depositional system. <i>Marine Geology</i> , 2022, 449, 106818.	0.9	2
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104	Contourites and mixed depositional systems: A paradigm for deepwater sedimentary environments. , 2022, , 301-360.		3
105	Chemical Signatures in Fin Spine Edge of Atlantic Bluefin Tuna (<i>Thunnus Thynnus</i>) Can Serve as Habitat Markers of Geographically Distinct Marine Environments. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
106	Deepwater ichnology: New observations on contourites. , 2022, , 533-554.		0
107	A Southern Portuguese Margin Perspective of Marine Isotope Stage 47â€‘An Interglacial in the 41 kyr World. <i>Atmosphere</i> , 2022, 13, 1378.	1.0	0
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110	Palaeoceanographic and hydrodynamic variability for the last 47‰kyr in the southern Gulf of Cádiz (Atlantic Moroccan margin): Sedimentary and climatic implications. <i>Depositional Record</i> , 2023, 9, 30-51.	0.8	1
111	Eocene to middle Miocene contourite deposits in Cyprus: A record of Indian Gateway evolution. <i>Global and Planetary Change</i> , 2022, 219, 103983.	1.6	3
112	Chemical signatures in fin spine edge of Atlantic bluefin tuna (<i>Thunnus thynnus</i>) can serve as habitat markers of geographically distinct marine environments. <i>Heliyon</i> , 2022, 8, e11757.	1.4	0
113	Surface water dynamics of the last 20 kyr documented by coccolithophores in the Gulf of Cadiz. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2023, 617, 111498.	1.0	0