

Francisco J Lobo

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77
papers

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27
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44
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83
ext. papers

2,314
ext. citations

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#	Paper	IF	Citations
77	The contourite depositional system of the Gulf of Cádiz: A sedimentary model related to the bottom current activity of the Mediterranean outflow water and its interaction with the continental margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006 , 53, 1420-1463	2.3	170
76	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003 , 31, 19	5	137
75	The infralittoral prograding wedge: a new large-scale progradational sedimentary body in shallow marine environments. <i>Geo-Marine Letters</i> , 2000 , 20, 109-117	1.9	117
74	Factors influencing recent benthic foraminifera distribution on the Guadiana shelf (Southwestern Iberia). <i>Marine Micropaleontology</i> , 2004 , 51, 171-192	1.7	107
73	Contourite deposits in the central Scotia Sea: the importance of the Antarctic Circumpolar Current and the Weddell Gyre flows. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 198, 187-221	2.9	91
72	Quaternary stratigraphic stacking patterns on the continental shelves of the southern Iberian Peninsula: their relationship with global climate and palaeoceanographic changes. <i>Quaternary International</i> , 2002 , 92, 5-23	2	80
71	The Gulf of Cadiz: an unstable giant contouritic levee. <i>Geo-Marine Letters</i> , 2003 , 23, 7-18	1.9	72
70	Miocene to Recent contourite drifts development in the northern Weddell Sea (Antarctica). <i>Global and Planetary Change</i> , 2005 , 45, 99-129	4.2	59
69	The sedimentary record of the post-glacial transgression on the Gulf of Cadiz continental shelf (Southwest Spain). <i>Marine Geology</i> , 2001 , 178, 171-195	3.3	58
68	Patterns of bottom current flow deduced from dune asymmetries over the Gulf of Cadiz shelf (southwest Spain). <i>Marine Geology</i> , 2000 , 164, 91-117	3.3	58
67	A model of oceanic development by ridge jumping: Opening of the Scotia Sea. <i>Global and Planetary Change</i> , 2014 , 123, 152-173	4.2	57
66	Stratigraphic architecture and spatio-temporal variability of high-frequency (Milankovitch) depositional cycles on modern continental margins: An overview. <i>Marine Geology</i> , 2014 , 352, 215-247	3.3	54
65	Contrasting styles of the Holocene highstand sedimentation and sediment dispersal systems in the northern shelf of the Gulf of Cadiz. <i>Continental Shelf Research</i> , 2004 , 24, 461-482	2.4	53
64	Ocean basins near the Scotia-Antarctic plate boundary: Influence of tectonics and paleoceanography on the Cenozoic deposits. <i>Marine Geophysical Researches</i> , 2006 , 27, 83-107	2.3	51
63	Human-driven coastline changes in the Adra River deltaic system, southeast Spain. <i>Geomorphology</i> , 2010 , 119, 9-22	4.3	48
62	Sedimentological and paleoenvironmental characterisation of transgressive sediments on the Guadiana Shelf (Northern Gulf of Cadiz, SW Iberia). <i>Quaternary International</i> , 2004 , 120, 133-144	2	47
61	Holocene highstand deposits in the Gulf of Cadiz, SW Iberian Peninsula: A high-resolution record of hierarchical environmental changes. <i>Marine Geology</i> , 2005 , 219, 109-131	3.3	45

60	High-Resolution Seismic Stratigraphy of a Narrow, Bedrock-Controlled Estuary: The Guadiana Estuarine System, SW Iberia. <i>Journal of Sedimentary Research</i> , 2003 , 73, 973-986	2.1	43
59	The sea-floor morphology of a Mediterranean shelf fed by small rivers, northern Alboran Sea margin. <i>Continental Shelf Research</i> , 2006 , 26, 2607-2628	2.4	41
58	High-resolution architecture of late Holocene highstand prodeltaic deposits from southern Spain: the imprint of high-frequency climatic and relative sea-level changes. <i>Continental Shelf Research</i> , 2003 , 23, 1037-1054	2.4	41
57	Seismic stratigraphy of the Gulf of Cádiz continental shelf: a model for Late Quaternary very high-resolution sequence stratigraphy and response to sea-level fall. <i>Geological Society Special Publication</i> , 2000 , 172, 329-362	1.7	36
56	Land-sea correlation between Late Holocene coastal and infralittoral deposits in the SE Iberian Peninsula (Western Mediterranean). <i>Geomorphology</i> , 2009 , 104, 4-11	4.3	33
55	Depths of Modern Coastal Sand Clinofolds. <i>Journal of Sedimentary Research</i> , 2012 , 82, 469-481	2.1	32
54	Six thousand years of coastline evolution in the Guadalfeo deltaic system (southern Iberian Peninsula). <i>Geomorphology</i> , 2014 , 206, 374-391	4.3	31
53	Onshore-offshore correlation of the Llobregat deltaic system, Spain: Development of deltaic geometries under different relative sea-level and growth fault influences. <i>Sedimentary Geology</i> , 2009 , 217, 65-84	2.8	31
52	Stratigraphic architectures of late Quaternary regressive-transgressive cycles in the Roussillon Shelf (SW Gulf of Lions, France). <i>Marine and Petroleum Geology</i> , 2004 , 21, 1181-1203	4.7	28
51	Morphometric analysis and genetic implications of pro-deltaic sea-floor undulations in the northern Alboran Sea margin, western Mediterranean Basin. <i>Marine Geology</i> , 2007 , 243, 31-56	3.3	27
50	The influence of shelf-indenting canyons and infralittoral prograding wedges on coastal morphology: The Carchuna system in Southern Spain. <i>Marine Geology</i> , 2014 , 347, 107-122	3.3	25
49	Tectonics and palaeoceanographic evolution recorded by contourite features in southern Drake Passage (Antarctica). <i>Marine Geology</i> , 2013 , 343, 76-91	3.3	25
48	Furrows in the southern Scan Basin, Antarctica: interplay between tectonic and oceanographic influences. <i>Geo-Marine Letters</i> , 2011 , 31, 451-464	1.9	23
47	Hazard potential of widespread but hidden historic offshore heavy metal (Pb, Zn) contamination (Gulf of Cadiz, Spain). <i>Science of the Total Environment</i> , 2018 , 637-638, 561-576	10.2	23
46	Stratigraphic evidence of an upper Pleistocene TST to HST complex on the Gulf of Cádiz continental shelf (south-west Iberian Peninsula). <i>Geo-Marine Letters</i> , 2002 , 22, 95-107	1.9	21
45	Tectonic development, sedimentation and paleoceanography of the Scan Basin (southern Scotia Sea, Antarctica). <i>Global and Planetary Change</i> , 2014 , 123, 344-358	4.2	18
44	Depositional processes and growth patterns of isolated oceanic basins: the Protector and Pirie basins of the Southern Scotia Sea (Antarctica). <i>Marine Geology</i> , 2014 , 357, 163-181	3.3	17
43	Growth patterns of a proximal terrigenous margin offshore the Guadalfeo River, northern Alboran Sea (SW Mediterranean Sea): glacio-eustatic control and disturbing tectonic factors. <i>Marine Geophysical Researches</i> , 2008 , 29, 195-216	2.3	17

42	Living, dead and fossil benthic foraminifera on a river dominated shelf (northern Gulf of Cadiz) and their use for paleoenvironmental reconstruction. <i>Continental Shelf Research</i> , 2013 , 68, 91-111	2.4	16
41	Natural and human-induced Holocene paleoenvironmental changes on the Guadiana shelf (northern Gulf of Cadiz). <i>Holocene</i> , 2012 , 22, 1011-1024	2.6	16
40	Spatial variability of prodeltaic undulations on the Guadalfeo River prodelta: support to the genetic interpretation as hyperpycnal flow deposits. <i>Marine Geophysical Researches</i> , 2015 , 36, 309-333	2.3	15
39	Submarine deltaic geometries linked to steep, mountainous drainage basins in the northern shelf of the Alboran Sea: Filling the gaps in the spectrum of deltaic deposition. <i>Geomorphology</i> , 2015 , 232, 125-144	4.3	14
38	Formation, evolution and present-day activity of offshore sand ridges on a narrow, tideless continental shelf with limited sediment supply. <i>Marine Geology</i> , 2018 , 397, 93-107	3.3	14
37	Review of the late Quaternary stratigraphy of the northern Gulf of Cadiz continental margin: New insights into controlling factors and global implications. <i>Earth-Science Reviews</i> , 2019 , 198, 102944	10.2	13
36	Spatial variability of surficial sediments on the northern shelf of the Alboran Sea: the effects of hydrodynamic forcing and supply of sediment by rivers. <i>Journal of Iberian Geology</i> , 2011 , 37,	1.1	11
35	Morphology of the last subaerial unconformity on a shelf: insights into transgressive ravinement and incised valley occurrence in the Gulf of Cadiz. <i>Geo-Marine Letters</i> , 2018 , 38, 33-45	1.9	10
34	High-resolution seismic stratigraphy and morphology of the Scan Basin contourite fan, southern Scotia Sea, Antarctica. <i>Marine Geology</i> , 2016 , 378, 361-373	3.3	10
33	Smooth folds favoring gypsum precipitation in the Messinian Poniente marginal basin (Western Mediterranean). <i>Tectonophysics</i> , 2015 , 663, 48-61	3.1	10
32	Chapter 11 The Iberian Mediterranean shelves. <i>Geological Society Memoir</i> , 2014 , 41, 147-170	0.4	10
31	Late Quaternary shelf-margin wedges and upper slope progradation in the Gulf of Cadiz margin (SW Iberian Peninsula). <i>Geological Society Special Publication</i> , 2005 , 244, 7-25	1.7	10
30	Buried marine-cut terraces and submerged marine-built terraces: The Carchuna-Calahonda coastal area (southeast Iberian Peninsula). <i>Geomorphology</i> , 2016 , 264, 29-40	4.3	10
29	A detailed look at diapir piercement onto the ocean floor: New evidence from Santos Basin, offshore Brazil. <i>Marine Geology</i> , 2018 , 406, 98-108	3.3	10
28	Late Quaternary multi-genetic processes and products on the northern Gulf of Cadiz upper continental slope (SW Iberian Peninsula). <i>Marine Geology</i> , 2020 , 427, 106214	3.3	9
27	The Alpha Crucis Carbonate Ridge (ACCR): Discovery of a giant ring-shaped carbonate complex on the SW Atlantic margin. <i>Scientific Reports</i> , 2019 , 9, 18697	4.9	9
26	What feeds shelf-edge clinoforms over margins deprived of adjacent land sources? An example from southeastern Brazil. <i>Basin Research</i> , 2020 , 32, 293-301	3.2	9
25	The role of late Quaternary tectonic activity and sea-level changes on sedimentary processes interaction in the Gulf of Cadiz upper and middle continental slope (SW Iberia). <i>Marine and Petroleum Geology</i> , 2020 , 121, 104595	4.7	8

24	Multi-proxy evidence of rainfall variability recorded in subaqueous deltaic deposits off the Adra River, southeast Iberian Peninsula. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 167, 300-312	2.9	7
23	Deep pockmarks as natural sediment traps: a case study from southern Santos Basin (SW Atlantic upper slope). <i>Geo-Marine Letters</i> , 2020 , 40, 989-999	1.9	6
22	Metal/Ca ratios in pockmarks and adjacent sediments on the SW Atlantic slope: Implications for redox potential and modern seepage. <i>Journal of Geochemical Exploration</i> , 2018 , 192, 163-173	3.8	6
21	Headland-associated banner banks generated during the last deglaciation near the Strait of Gibraltar (Gulf of Cadiz, SW Spain). <i>Marine Geology</i> , 2017 , 386, 56-75	3.3	5
20	Structure of the Bransfield strait crust. <i>Oceanology</i> , 2015 , 55, 112-123	0.7	5
19	Eocene-Oligocene paleoenvironmental changes in the South Orkney Microcontinent (Antarctica) linked to the opening of Powell Basin. <i>Global and Planetary Change</i> , 2021 , 204, 103581	4.2	5
18	Chapter 9 The Gulf of Cádiz continental shelves. <i>Geological Society Memoir</i> , 2014 , 41, 109-130	0.4	4
17	Sedimentary infilling of bedrock-controlled palaeo-embayments off Cape Trafalgar, Strait of Gibraltar (Gulf of Cadiz). <i>Geo-Marine Letters</i> , 2018 , 38, 47-62	1.9	4
16	Variability of Shelf Growth Patterns along the Iberian Mediterranean Margin: Sediment Supply and Tectonic Influences. <i>Geosciences (Switzerland)</i> , 2018 , 8, 168	2.7	4
15	Geomorphology of Ona Basin, southwestern Scotia Sea (Antarctica): Decoding the spatial variability of bottom-current pathways. <i>Marine Geology</i> , 2020 , 422, 106113	3.3	3
14	A non-deltaic clinoform wedge fed by multiple sources off São Sebastião Island, southeastern Brazilian Shelf. <i>Geo-Marine Letters</i> , 2018 , 38, 63-81	1.9	3
13	Large-scale sediment bodies and superimposed bedforms on the continental shelf close to the Strait of Gibraltar: interplay of complex oceanographic conditions and physiographic constraints. <i>Earth Surface Processes and Landforms</i> , 2010 , 35, n/a-n/a	3.7	3
12	Seismic Stratigraphy of Miocene to Recent Sedimentary Deposits in the Central Scotia Sea and Northern Weddell Sea: Influence of Bottom Flows (Antarctica) 2006 , 441-446		3
11	The imprint of sedimentary processes in the acoustic structure of deposits on a current-dominated continental shelf. <i>Journal of South American Earth Sciences</i> , 2021 , 105, 103005	2	3
10	Morpho-stratigraphic features of the northern shelf of the Strait of Gibraltar: Tectonic and sedimentary processes acting at different temporal scales. <i>Continental Shelf Research</i> , 2018 , 162, 13-26	2.4	2
9	Structure of Subsurface Sediments in the Scan Basin (Scotia Sea). <i>Oceanology</i> , 2018 , 58, 133-136	0.7	2
8	Late Quaternary high-resolution seismic stratigraphy and core-based paleoenvironmental reconstructions in Ona Basin, southwestern Scotia Sea (Antarctica). <i>Marine Geology</i> , 2021 , 439, 106565	3.3	2
7	Temporal variability of flooding events of Guadiana River (Iberian Peninsula) during the middle to late Holocene: Imprints in the shallow-marine sediment record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020 , 556, 109900	2.9	1

6	Geomorphological imprint of opposing ocean bottom currents, a case study from the southeastern Brazilian Atlantic margin. <i>Marine Geology</i> , 2022 , 444, 106715	3.3	1
5	Prodeltaic Undulations and Hyperpycnal Flows (I): Morphological Observations 2017 , 107-112		1
4	Formation history and material budget of holocene shelf mud depocenters in the Gulf of Cadiz. <i>Sedimentary Geology</i> , 2021 , 421, 105956	2.8	1
3	Recent morpho-sedimentary processes in Dove Basin, southern Scotia Sea, Antarctica: A basin-scale case of interaction between bottom currents and mass movements. <i>Marine Geology</i> , 2021 , 441, 106598	3.3	1
2	Prodeltaic Undulations and Hyperpycnal Flows (II): Evolutionary Trends 2017 , 113-120		
1	Vertical Structure of Near-Surface Sediments in the Central Parts of the Yaghan and Scan Basins (Scotia Sea). <i>Oceanology</i> , 2018 , 58, 601-605	0.7	