

Francisco J Lobo

List of Publications by Year in descending order

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78
papers

2,553
citations

186209

28
h-index

206029

48
g-index

83
all docs

83
docs citations

83
times ranked

2036
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.6	198
2	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003, 31, 19.	2.0	153
3	Factors influencing recent benthic foraminifera distribution on the Guadiana shelf (Southwestern Tj ETQq1 1 0.784314 rgBT /Overlo	0.5	142
4	The infralittoral prograding wedge: a new large-scale progradational sedimentary body in shallow marine environments. <i>Geo-Marine Letters</i> , 2000, 20, 109-117.	0.5	138
5	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.	1.0	106
6	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.	0.7	86
7	The Gulf of Cadiz: an unstable giant contouritic levee. <i>Geo-Marine Letters</i> , 2003, 23, 7-18.	0.5	77
8	A model of oceanic development by ridge jumping: Opening of the Scotia Sea. <i>Global and Planetary Change</i> , 2014, 123, 152-173.	1.6	75
9	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.	0.9	71
10	Miocene to Recent contourite drifts development in the northern Weddell Sea (Antarctica). <i>Global and Planetary Change</i> , 2005, 45, 99-129.	1.6	68
11	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.	0.9	68
12	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.	0.5	65
13	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.	0.9	64
14	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.	0.9	60
15	Human-driven coastline changes in the Adra River deltaic system, southeast Spain. <i>Geomorphology</i> , 2010, 119, 9-22.	1.1	58
16	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.	0.9	52
17	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.	0.7	51
18	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.	0.8	48

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19	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. Geological Society Special Publication, 2000, 172, 329-362.	0.8	44
20	The sea-floor morphology of a Mediterranean shelf fed by small rivers, northern Alboran Sea margin. Continental Shelf Research, 2006, 26, 2607-2628.	0.9	44
21	Onshore-offshore correlation of the Llobregat deltaic system, Spain: Development of deltaic geometries under different relative sea-level and growth fault influences. Sedimentary Geology, 2009, 217, 65-84.	1.0	44
22	High-resolution architecture of late Holocene highstand prodeltaic deposits from southern Spain: the imprint of high-frequency climatic and relative sea-level changes. Continental Shelf Research, 2003, 23, 1037-1054.	0.9	43
23	Depths of Modern Coastal Sand Clinoforms. Journal of Sedimentary Research, 2012, 82, 469-481.	0.8	43
24	Land-sea correlation between Late Holocene coastal and infralittoral deposits in the SE Iberian Peninsula (Western Mediterranean). Geomorphology, 2009, 104, 4-11.	1.1	42
25	Six thousand years of coastline evolution in the Guadalfeo deltaic system (southern Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	0.9	39
26	Tectonics and palaeoceanographic evolution recorded by contourite features in southern Drake Passage (Antarctica). Marine Geology, 2013, 343, 76-91.	0.9	34
27	Stratigraphic architectures of late Quaternary regressive-transgressive cycles in the Roussillon Shelf (SW Gulf of Lions, France). Marine and Petroleum Geology, 2004, 21, 1181-1203.	1.5	33
28	Hazard potential of widespread but hidden historic offshore heavy metal (Pb, Zn) contamination (Gulf) Tj ETQq0 0 0 rgBT /Overlock 10 TFS	0.9	33
29	The influence of shelf-indenting canyons and infralittoral prograding wedges on coastal morphology: The Carchuna system in Southern Spain. Marine Geology, 2014, 347, 107-122.	0.9	29
30	Morphometric analysis and genetic implications of pro-deltaic sea-floor undulations in the northern Alboran Sea margin, western Mediterranean Basin. Marine Geology, 2007, 243, 31-56.	0.9	28
31	Stratigraphic evidence of an upper Pleistocene TST to HST complex on the Gulf of Cádiz continental shelf (south-west Iberian Peninsula). Geo-Marine Letters, 2002, 22, 95-107.	0.5	25
32	Furrows in the southern Scan Basin, Antarctica: interplay between tectonic and oceanographic influences. Geo-Marine Letters, 2011, 31, 451-464.	0.5	25
33	Tectonic development, sedimentation and paleoceanography of the Scan Basin (southern Scotia Sea,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TFS	1.6	21
34	Depositional processes and growth patterns of isolated oceanic basins: the Protector and Pirie basins of the Southern Scotia Sea (Antarctica). Marine Geology, 2014, 357, 163-181.	0.9	21
35	Review of the late Quaternary stratigraphy of the northern Gulf of Cadiz continental margin: New insights into controlling factors and global implications. Earth-Science Reviews, 2019, 198, 102944.	4.0	20
36	Growth patterns of a proximal terrigenous margin offshore the Guadalfeo River, northern Alboran Sea (SW Mediterranean Sea): glacio-eustatic control and disturbing tectonic factors. Marine Geophysical Researches, 2008, 29, 195-216.	0.5	19

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37	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.	0.9	18
38	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.	0.5	18
39	Natural and human-induced Holocene paleoenvironmental changes on the Gadiana shelf (northern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.9	17
40	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.	1.1	17
41	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.	0.9	17
42	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.	1.6	17
43	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.	1.3	17
44	High-resolution seismic stratigraphy and morphology of the Scan Basin contourite fan, southern Scotia Sea, Antarctica. <i>Marine Geology</i> , 2016, 378, 361-373.	0.9	16
45	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, .	0.7	15
46	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.	0.9	14
47	Smooth folds favoring gypsum precipitation in the Messinian Poniente marginal basin (Western) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.9	13
48	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.	0.5	13
49	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.	1.5	13
50	Deep pockmarks as natural sediment traps: a case study from southern Santos Basin (SW Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	13
51	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.	1.5	13
52	Chapter 11 The Iberian Mediterranean shelves. <i>Geological Society Memoir</i> , 2014, 41, 147-170.	0.9	12
53	Buried marine-cut terraces and submerged marine-built terraces: The Carchuna-Calahonda coastal area (southeast Iberian Peninsula). <i>Geomorphology</i> , 2016, 264, 29-40.	1.1	11
54	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.	0.9	11

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55	Late Quaternary shelf-margin wedges and upper slope progradation in the Gulf of Cadiz margin (SW Tj ETQq1 1 0.784314 rgBT /Ove	0.8	9
56	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.	1.0	9
57	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.	1.6	8
58	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.	0.9	7
59	Structure of the Bransfield strait crust. <i>Oceanology</i> , 2015, 55, 112-123.	0.3	7
60	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.	0.9	6
61	Variability of Shelf Growth Patterns along the Iberian Mediterranean Margin: Sediment Supply and Tectonic Influences. <i>Geosciences (Switzerland)</i> , 2018, 8, 168.	1.0	6
62	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.	0.5	6
63	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.	0.9	6
64	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, 663-679.	1.2	5
65	Geomorphology of Ona Basin, southwestern Scotia Sea (Antarctica): Decoding the spatial variability of bottom-current pathways. <i>Marine Geology</i> , 2020, 422, 106113.	0.9	5
66	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.	0.9	5
67	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.	0.5	5
68	Geomorphological imprint of opposing ocean bottom currents, a case study from the southeastern Brazilian Atlantic margin. <i>Marine Geology</i> , 2022, 444, 106715.	0.9	5
69	Chapter 9 The Gulf of Cádiz continental shelves. <i>Geological Society Memoir</i> , 2014, 41, 109-130.	0.9	4
70	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.	0.6	4
71	Formation history and material budget of holocene shelf mud depocenters in the Gulf of Cadiz. <i>Sedimentary Geology</i> , 2021, 421, 105956.	1.0	4
72	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.	0.9	3

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73	Structure of Subsurface Sediments in the Scan Basin (Scotia Sea). <i>Oceanology</i> , 2018, 58, 133-136.	0.3	3
74	Prodeltaic Undulations and Hyperpycnal Flows (I): Morphological Observations. , 2017, , 107-112.		1
75	Characterization of the sedimentary wedge off São Sebastião Island, São Paulo. , 2015, , .		0
76	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.	0.3	0
77	Estuarine Sedimentation. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 289-299.	0.1	0
78	Prodeltaic Undulations and Hyperpycnal Flows (II): Evolutionary Trends. , 2017, , 113-120.		0