

# David Casas

## List of Publications by Citations

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65  
papers

1,288  
citations

20  
h-index

34  
g-index

66  
ext. papers

1,416  
ext. citations

2.9  
avg, IF

3.93  
L-index

#	Paper	IF	Citations
65	Mapping active faults offshore Portugal (36°NB8°N): Implications for seismic hazard assessment along the southwest Iberian margin. <i>Geology</i> , <b>2003</b> , 31, 83	5	115
64	Rupture lengths and temporal history of significant earthquakes on the offshore and north coast segments of the Northern San Andreas Fault based on turbidite stratigraphy. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 254, 9-27	5.3	88
63	The Le Danois Contourite Depositional System: Interactions between the Mediterranean Outflow Water and the upper Cantabrian slope (North Iberian margin). <i>Marine Geology</i> , <b>2010</b> , 274, 1-20	3.3	71
62	Glacial to Holocene climate changes in the SE Pacific. The Raraku Lake sedimentary record (Easter Island, 27°S). <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 2743-2759	3.9	66
61	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , <b>2016</b> , 378, 157-170	3.3	64
60	Mud volcanoes and gas hydrates in the Anaximander mountains (Eastern Mediterranean Sea). <i>Marine and Petroleum Geology</i> , <b>2009</b> , 26, 854-872	4.7	63
59	Contourite vs gravity-flow deposits of the Pleistocene Faro Drift (Gulf of Cadiz): Sedimentological and mineralogical approaches. <i>Marine Geology</i> , <b>2016</b> , 377, 77-94	3.3	50
58	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , <b>2008</b> , 247, 61-83	3.3	42
57	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). <i>Marine Geophysical Researches</i> , <b>2011</b> , 32, 99-126	2.3	41
56	Seismic evidence of current-controlled sedimentation in the Alboran Sea during the Pliocene and Quaternary: Palaeoceanographic implications. <i>Marine Geology</i> , <b>2016</b> , 378, 292-311	3.3	38
55	Volcanic, tectonic and mass-wasting processes offshore Terceira Island (Azores) revealed by high-resolution seafloor mapping. <i>Bulletin of Volcanology</i> , <b>2015</b> , 77, 1	2.4	37
54	New discoveries of mud volcanoes on the Moroccan Atlantic continental margin (Gulf of Cadiz): morpho-structural characterization. <i>Geo-Marine Letters</i> , <b>2012</b> , 32, 473-488	1.9	36
53	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW Iberian continental margin). <i>Marine Geology</i> , <b>2008</b> , 249, 108-127	3.3	32
52	Erosive sub-circular depressions on the Guadalquivir Bank (Gulf of Cadiz): Interaction between bottom current, mass-wasting and tectonic processes. <i>Marine Geology</i> , <b>2016</b> , 378, 5-19	3.3	31
51	Multibeam backscatter as a tool for sea-floor characterization and identification of oil spills in the Galicia Bank. <i>Marine Geology</i> , <b>2008</b> , 249, 93-107	3.3	30
50	Acoustic evidences of gas in the continental slope sediments of the Gulf of Cadiz (E Atlantic). <i>Geo-Marine Letters</i> , <b>2003</b> , 23, 300-310	1.9	28
49	Bathy-morphological setting of Terceira Island (Azores) after the FAIVI cruise. <i>Journal of Maps</i> , <b>2013</b> , 9, 590-595	2.2	27

48	Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , <b>2003</b> , 20, 445-457	4.7	25
47	Influence of alongslope processes on modern turbidite systems and canyons in the Alboran Sea (southwestern Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2019</b> , 144, 1-16	2.5	24
46	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , <b>2006</b> , 53, 208-19	6.7	23
45	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , <b>2011</b> , 32, 245-256	2.3	20
44	The Ceuta Drift, Alboran Sea, southwestern Mediterranean. <i>Geological Society Memoir</i> , <b>2002</b> , 22, 155-170.	0.4	20
43	Magnitude-frequency distribution of submarine landslides in the Gioia Basin (southern Tyrrhenian Sea). <i>Geo-Marine Letters</i> , <b>2016</b> , 36, 405-414	1.9	19
42	New evidence of extensive active mud volcanism in the Anaximander mountains (Eastern Mediterranean): The ATHINA mud volcano. <i>Environmental Geology</i> , <b>2004</b> , 46, 1030-1037		19
41	New high-resolution acoustic data from the 'braided system' of the Orinoco deep-sea fan. <i>Marine Geology</i> , <b>1998</b> , 146, 243-250	3.3	18
40	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian Peninsula). <i>Marine Geology</i> , <b>2008</b> , 249, 46-63	3.3	17
39	Interaction of alongslope and downslope processes in the Alentejo Margin (SW Iberia) □ Implications on slope stability. <i>Marine Geology</i> , <b>2019</b> , 410, 88-108	3.3	16
38	Tectonic activity evolution of the Scotia-Antarctic Plate boundary from mass transport deposit analysis. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2016</b> , 121, 2216-2234	3.6	16
37	Imaging the Growth of Recent Faults: The Case of 2016-2017 Seismic Sequence Sea Bottom Deformation in the Alboran Sea (Western Mediterranean). <i>Tectonics</i> , <b>2018</b> , 37, 2513-2530	4.3	16
36	Sediment lithofacies, processes and sedimentary models in the Central Bransfield Basin, Antarctic Peninsula, since the Last Glacial Maximum. <i>Marine Geology</i> , <b>2011</b> , 290, 1-16	3.3	16
35	Post-rift sedimentary evolution of the Gebra Debris Valley. A submarine slope failure system in the Central Bransfield Basin (Antarctica). <i>Marine Geology</i> , <b>2013</b> , 340, 16-29	3.3	15
34	The El Masnou infralittoral sedimentary environment (Barcelona province, NW Mediterranean Sea): morphology and Holocene seismic stratigraphy. <i>Scientia Marina</i> , <b>2010</b> , 74, 179-196	1.8	15
33	Occurrence of pockmarks on the Ortegat Spur continental margin, Northwestern Iberian Peninsula. <i>Marine and Petroleum Geology</i> , <b>2010</b> , 27, 1551-1564	4.7	14
32	Physical and Geotechnical Properties and Assessment of Sediment Stability on the Continental Slope and Basin of the Bransfield Basin (Antarctica Peninsula). <i>Marine Georesources and Geotechnology</i> , <b>2004</b> , 22, 253-278	2.2	12
31	Multiple factors controlling the deep marine sedimentation of the Alboran Sea (SW Mediterranean) after the Zanclean Atlantic Mega-flood. <i>Marine Geology</i> , <b>2020</b> , 423, 106138	3.3	12

30	Serreta 1998 2001 submarine volcanic eruption, offshore Terceira (Azores): Characterization of the vent and inferences about the eruptive dynamics. <i>Journal of Volcanology and Geothermal Research</i> , <b>2018</b> , 356, 127-140	2.8	10
29	Thessaloniki Mud Volcano, the Shallowest Gas Hydrate-Bearing Mud Volcano in the Anaximander Mountains, Eastern Mediterranean. <i>Journal of Geological Research</i> , <b>2011</b> , 2011, 1-11		8
28	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean Sea). <i>Advances in Natural and Technological Hazards Research</i> , <b>2014</b> , 561-570	1.8	8
27	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> , <b>2020</b> , 121, 104595	4.7	8
26	133,000 Years of Sedimentary Record in a Contourite Drift in the Western Alboran Sea: Sediment Sources and Paleocurrent Reconstruction. <i>Geosciences (Switzerland)</i> , <b>2019</b> , 9, 345	2.7	7
25	Physical properties and their relationship to sedimentary processes and texture in sediments from mud volcanoes in the Anaximander Mountains (Eastern Mediterranean). <i>Scientia Marina</i> , <b>2006</b> , 70, 643-659	1.8	7
24	The Big 95 Debris Flow and Adjacent Unfailed Sediments in the NW Mediterranean Sea: Geotechnical sedimentological Properties, and Dating. <i>Advances in Natural and Technological Hazards Research</i> , <b>2003</b> , 479-487	1.8	7
23	Morphological Variability of Submarine Mass Movements in the Tectonically Controlled Calabro-Irrhenian Continental Margin (Southern Italy). <i>Geosciences (Switzerland)</i> , <b>2019</b> , 9, 43	2.7	6
22	Apparent overconsolidation and its implications for submarine landslides. <i>Engineering Geology</i> , <b>2020</b> , 264, 105375	6	6
21	Multidisciplinary characterization of Quaternary mass movement deposits in the Portimão Bank (Gulf of Cadiz, SW Iberia). <i>Marine Geology</i> , <b>2020</b> , 420, 106086	3.3	6
20	The Gembra-Magia Complex: mass-transport processes reworking trough-mouth fans in the Central Bransfield Basin (Antarctica). <i>Geological Society Special Publication</i> , <b>2018</b> , 461, 61-75	1.7	4
19	Geological and tectonic controls on morphometrics of submarine landslides of the Spanish margins. <i>Geological Society Special Publication</i> , <b>2020</b> , 500, 495-513	1.7	4
18	Paleoceanographic and paleoclimatic variability in the Western Mediterranean during the last 25 cal. kyr BP. New insights from contourite drifts. <i>Marine Geology</i> , <b>2021</b> , 437, 106488	3.3	4
17	Galicia Bank sediment transport activity in response to continuous sedimentary instability dynamics: a geotechnical perspective. <i>International Journal of Earth Sciences</i> , <b>2019</b> , 108, 2545-2560	2.2	3
16	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , <b>2019</b> , 61-103	2.5	3
15	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , <b>2021</b> , 2, 393-428	1.3	3
14	The Guadiaro-Baños contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. <i>Marine Geology</i> , <b>2021</b> , 437, 106505	3.3	3
13	Submarine landslide catalogue onshore/offshore harmonization: Spain as a case study. <i>Geological Society Special Publication</i> , <b>2019</b> , 477, 497-510	1.7	2

12	Physical Properties and their Relationship to Texture and Consolidation Effects in Pliocene-Quaternary Sediments from Madeira Abyssal Plain. <i>Marine Georesources and Geotechnology</i> , <b>2006</b> , 24, 265-286	2.2	2
11	OCEANOGRAPHIC MOWER CRUISE. <i>International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives</i> , XL-5/W5, 223-230	2.5	2
10	Sediment Dynamic Features on the Eastern Gulf of Cadiz (SW Spain) <b>2003</b> , 261-266		2
9	Submarine Mass Movement on the Ebro Slope. <i>Advances in Natural and Technological Hazards Research</i> , <b>2003</b> , 393-400	1.8	2
8	Reply to comments by Lastras et al. on Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , <b>2004</b> , 21, 135-139	4.7	1
7	Holocene morpho-stratigraphic evolution of a compound submarine deltaic system in front of the shelf-incising Almanzora and Garrucha Canyons (Palomares margin, southeastern Iberia). <i>Marine Geology</i> , <b>2022</b> , 444, 106708	3.3	1
6	Dynamics of Sorted Bedforms on a Shallow Infralittoral Prograding Wedge Influenced by Dredging (El Masnou, NW Mediterranean) <b>2017</b> , 135-141		1
5	Deep Sea Sedimentation <b>2021</b> , 960-960		1
4	Seafloor Morphology and Processes in the Alboran Sea <b>2021</b> , 157-205		1
3	Understanding the complex geomorphology of a deep sea area affected by continental tectonic indentation: The case of the Gulf of Vera (Western Mediterranean). <i>Geomorphology</i> , <b>2022</b> , 402, 108126	4.3	0
2	The Late Pleistocene-Holocene sedimentary evolution of the Sines Contourite Drift (SW Portuguese Margin): A multiproxy approach. <i>Sedimentary Geology</i> , <b>2020</b> , 407, 105737	2.8	0
1	Triggering Mechanisms of Tsunamis in the Gulf of Cadiz and the Alboran Sea: An Overview. <i>Natural Science in Archaeology</i> , <b>2022</b> , 65-104	0.4	0