

David Casas

List of Publications by Year in descending order

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62
papers

1,572
citations

304602

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66
docs citations

66
times ranked

1595
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping active faults offshore Portugal (36°N–38°N): Implications for seismic hazard assessment along the southwest Iberian margin. <i>Geology</i> , 2003, 31, 83.	2.0	132
2	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> , 2007, 254, 9-27.	1.8	112
3	The Le Danois Contourite Depositional System: Interactions between the Mediterranean Outflow Water and the upper Cantabrian slope (North Iberian margin). <i>Marine Geology</i> , 2010, 274, 1-20.	0.9	82
4	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , 2016, 378, 157-170.	0.9	81
5	Glacial to Holocene climate changes in the SE Pacific. The Raraku Lake sedimentary record (Easter) Tj ETQq1 1 0.784314 rgBT / Overlock 1.4 75	1.4	75
6	Mud volcanoes and gas hydrates in the Anaximander mountains (Eastern Mediterranean Sea). <i>Marine and Petroleum Geology</i> , 2009, 26, 854-872.	1.5	75
7	Contourite vs gravity-flow deposits of the Pleistocene Faro Drift (Gulf of Cadiz): Sedimentological and mineralogical approaches. <i>Marine Geology</i> , 2016, 377, 77-94.	0.9	61
8	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008, 247, 61-83.	0.9	50
9	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
10	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). <i>Marine Geophysical Researches</i> , 2011, 32, 99-126.	0.5	44
11	New discoveries of mud volcanoes on the Moroccan Atlantic continental margin (Gulf of Cádiz): morpho-structural characterization. <i>Geo-Marine Letters</i> , 2012, 32, 473-488.	0.5	43
12	Volcanic, tectonic and mass-wasting processes offshore Terceira Island (Azores) revealed by high-resolution seafloor mapping. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	43
13	Multibeam backscatter as a tool for sea-floor characterization and identification of oil spills in the Galicia Bank. <i>Marine Geology</i> , 2008, 249, 93-107.	0.9	36
14	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 0.9 36	0.9	36
15	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
16	Acoustic evidences of gas in the continental slope sediments of the Gulf of Cadiz (E Atlantic). <i>Geo-Marine Letters</i> , 2003, 23, 300-310.	0.5	34
17	Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , 2003, 20, 445-457.	1.5	29
18	Bathy-morphological setting of Terceira Island (Azores) after the FAIVI cruise. <i>Journal of Maps</i> , 2013, 9, 590-595.	1.0	29

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19	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> , 2019, 144, 1-16.	0.6	26
20	New high-resolution acoustic data from the 'braided system' of the Orinoco deep-sea fan. <i>Marine Geology</i> , 1998, 146, 243-250.	0.9	24
21	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006, 53, 208-219.	2.3	24
22	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011, 32, 245-256.	0.5	24
23	Magnitude-frequency distribution of submarine landslides in the Gioia Basin (southern Tyrrhenian) Tj ETQq1 1 0.784314 rgBT /Overlock 0.5 24	0.5	24
24	New evidence of extensive active mud volcanism in the Anaximander mountains (Eastern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td 1.2 22	1.2	22
25	Imaging the Growth of Recent Faults: The Case of 2016â€“2017 Seismic Sequence Sea Bottom Deformation in the Alboran Sea (Western Mediterranean). <i>Tectonics</i> , 2018, 37, 2513-2530.	1.3	22
26	The Ceuta Drift, Alboran Sea, southwestern Mediterranean. <i>Geological Society Memoir</i> , 2002, 22, 155-170.	0.9	21
27	Sediment lithofacies, processes and sedimentary models in the Central Bransfield Basin, Antarctic Peninsula, since the Last Glacial Maximum. <i>Marine Geology</i> , 2011, 290, 1-16.	0.9	20
28	Interaction of alongslope and downslope processes in the Alentejo Margin (SW Iberia) â€“ Implications on slope stability. <i>Marine Geology</i> , 2019, 410, 88-108.	0.9	19
29	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock 0.9 18	0.9	18
30	The El Masnou infralittoral sedimentary environment (Barcelona province, NW Mediterranean Sea): morphology and Holocene seismic stratigraphy. <i>Scientia Marina</i> , 2010, 74, 179-196.	0.3	18
31	Occurrence of pockmarks on the Ortegal Spur continental margin, Northwestern Iberian Peninsula. <i>Marine and Petroleum Geology</i> , 2010, 27, 1551-1564.	1.5	17
32	Tectonic activity evolution of the Scotiaâ€“Antarctic Plate boundary from mass transport deposit analysis. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2216-2234.	1.4	17
33	Post-rift sedimentary evolution of the Gebra Debris Valley. A submarine slope failure system in the Central Bransfield Basin (Antarctica). <i>Marine Geology</i> , 2013, 340, 16-29.	0.9	16
34	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
35	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> , 2004, 22, 253-278.	1.2	14
36	Serreta 1998â€“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> , 2018, 356, 127-140.	0.8	14

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37	Apparent overconsolidation and its implications for submarine landslides. <i>Engineering Geology</i> , 2020, 264, 105375.	2.9	13
38	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
39	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021, 2, 393-428.	0.6	11
40	Thessaloniki Mud Volcano, the Shallowest Gas Hydrate-Bearing Mud Volcano in the Anaximander Mountains, Eastern Mediterranean. <i>Journal of Geological Research</i> , 2011, 2011, 1-11.	0.7	10
41	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019, , 61-103.	1.2	10
42	133,000 Years of Sedimentary Record in a Contourite Drift in the Western Alboran Sea: Sediment Sources and Paleocurrent Reconstruction. <i>Geosciences (Switzerland)</i> , 2019, 9, 345.	1.0	9
43	Morphological Variability of Submarine Mass Movements in the Tectonically Controlled Calabro-Tyrrhenian Continental Margin (Southern Italy). <i>Geosciences (Switzerland)</i> , 2019, 9, 43.	1.0	9
44	Paleoceanographic and paleoclimatic variability in the Western Mediterranean during the last 25 kyr BP. New insights from contourite drifts. <i>Marine Geology</i> , 2021, 437, 106488.	0.9	9
45	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	9
46	The Guadiaro-Baños contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. <i>Marine Geology</i> , 2021, 437, 106505.	0.9	8
47	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> , 2006, 70, 643-659.	0.3	8
48	Multidisciplinary characterization of Quaternary mass movement deposits in the Portimão Bank (Gulf of Vera) Tj ETQq0 0.0 rgBT /Overlock 10	0.9	8
49	Geological and tectonic controls on morphometrics of submarine landslides of the Spanish margins. <i>Geological Society Special Publication</i> , 2020, 500, 495-513.	0.8	6
50	The Gebra-Magia Complex: mass-transport processes reworking trough-mouth fans in the Central Bransfield Basin (Antarctica). <i>Geological Society Special Publication</i> , 2018, 461, 61-75.	0.8	4
51	Galicia Bank sediment transport activity in response to continuous sedimentary instability dynamics: a geotechnical perspective. <i>International Journal of Earth Sciences</i> , 2019, 108, 2545-2560.	0.9	4
52	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> , 2022, 402, 108126.	1.1	4
53	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> , 2022, 444, 106708.	0.9	4
54	Physical Properties and their Relationship to Texture and Consolidation Effects in Pliocene-Quaternary Sediments from Madeira Abyssal Plain. <i>Marine Georesources and Geotechnology</i> , 2006, 24, 265-286.	1.2	3

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55	The Late Pleistocene-Holocene sedimentary evolution of the Sines Contourite Drift (SW Portuguese) Tj ETQq1 1 0.784314 rgBT /Over	1.0	3
56	Deep Sea Sedimentation. , 2022, , 960-988.		3
57	Seafloor Morphology and Processes in the Alboran Sea. , 2021, , 157-205.		3
58	Submarine Mass Movement on the Ebro Slope. Advances in Natural and Technological Hazards Research, 2003, , 393-400.	1.1	3
59	Submarine landslide catalogue onshore/offshore harmonization: Spain as a case study. Geological Society Special Publication, 2019, 477, 497-510.	0.8	2
60	OCEANOGRAPHIC MOWER CRUISE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-5/W5, 223-230.	0.2	2
61	Reply to comments by Lastras et al. on "Recent mass-movement processes on the Ebro continental slope (NW Mediterranean)" . Marine and Petroleum Geology, 2004, 21, 135-139.	1.5	1
62	Dynamics of Sorted Bedforms on a Shallow Infralittoral Prograding Wedge Influenced by Dredging (El Masnou, NW Mediterranean). , 2017, , 135-141.		1