

Galderic Lastras

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

3,019
citations

28
h-index

54
g-index

76
ext. papers

3,438
ext. citations

3.7
avg, IF

4.57
L-index

#	Paper	IF	Citations
71	The Making of the NEAM Tsunami Hazard Model 2018 (NEAMTHM18). <i>Frontiers in Earth Science</i> , 2021 , 8,	3.5	23
70	Late Holocene current patterns in the northern Patagonian fjords recorded by sediment drifts in Aysñ Fjord. <i>Marine Geology</i> , 2021 , 441, 106604	3.3	
69	Active Faulting, Submarine Surface Rupture, and Seismic Migration Along the Liquiñ-Ofqui Fault System, Patagonian Andes. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2020JB019946	3.6	3
68	On the termination of deep-sea fan channels: Examples from the Rhñe Fan (Gulf of Lion, Western Mediterranean Sea). <i>Geomorphology</i> , 2020 , 369, 107368	4.3	5
67	Seismo-Turbidites in Aysñ Fjord (Southern Chile) Reveal a Complex Pattern of Rupture Modes Along the 1960 Megathrust Earthquake Segment. <i>Journal of Geophysical Research: Solid Earth</i> , 2020 , 125, e2020JB019405	3.6	6
66	High-Performance Compression of Multibeam Echosounders Water Column Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2019 , 12, 1771-1783	4.7	4
65	26 Occurrence of Living Cold-Water Corals at Large Depths Within Submarine Canyons of the Northwestern Mediterranean Sea. <i>Coral Reefs of the World</i> , 2019 , 271-284	2.1	4
64	28 A Cold-Water Coral Habitat in La Fonera Submarine Canyon, Northwestern Mediterranean Sea. <i>Coral Reefs of the World</i> , 2019 , 291-293	2.1	1
63	Holocene Event Record of Aysñ Fjord (Chilean Patagonia): An Interplay of Volcanic Eruptions and Crustal and Megathrust Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 324-343	3.6	16
62	Visual faunistic exploration of geomorphological human-impacted deep-sea areas of the north-western Mediterranean Sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018 , 98, 1241-1252	1.1	7
61	Submarine Canyons and Gullies. <i>Springer Geology</i> , 2018 , 251-272	0.8	11
60	Numerical modeling of bottom trawling-induced sediment transport and accumulation in La Fonera submarine canyon, northwestern Mediterranean Sea. <i>Marine Geology</i> , 2017 , 386, 107-125	3.3	10
59	A submarine volcanic eruption leads to a novel microbial habitat. <i>Nature Ecology and Evolution</i> , 2017 , 1, 144	12.3	23
58	The Western Mediterranean Sea 2017 , 301-340		1
57	Comparison between ROV video and Agassiz trawl methods for sampling deep water fauna of submarine canyons in the Northwestern Mediterranean Sea with observations on behavioural reactions of target species. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016 , 114, 149-159	2.5	26
56	Particle fluxes and their drivers in the Avilñ submarine canyon and adjacent slope, central Cantabrian margin, Bay of Biscay. <i>Progress in Oceanography</i> , 2016 , 144, 39-61	3.8	11
55	Morphometry of Concepcion Bank: Evidence of Geological and Biological Processes on a Large Volcanic Seamount of the Canary Islands Seamount Province. <i>PLoS ONE</i> , 2016 , 11, e0156337	3.7	11

54	Cold-Water Corals and Anthropogenic Impacts in La Fonera Submarine Canyon Head, Northwestern Mediterranean Sea. <i>PLoS ONE</i> , 2016 , 11, e0155729	3.7	33
53	Terminal and recessional moraines in the fjords of southern Chile. <i>Geological Society Memoir</i> , 2016 , 46, 65-66	0.4	4
52	The seafloor imprint of the Gerlache-Boyd Ice Stream (65°2' S), northern Antarctic Peninsula. <i>Geological Society Memoir</i> , 2016 , 46, 477-484	0.4	4
51	Fjord-flank collapse and associated deformation in Aysñ Fjord, Chile. <i>Geological Society Memoir</i> , 2016 , 46, 107-108	0.4	2
50	Gebra Slide: glacial and tectonic controls on recurrent submarine landsliding off the northern tip of the Antarctic Peninsula. <i>Geological Society Memoir</i> , 2016 , 46, 417-418	0.4	1
49	Marine litter on the floor of deep submarine canyons of the Northwestern Mediterranean Sea: The role of hydrodynamic processes. <i>Progress in Oceanography</i> , 2015 , 134, 379-403	3.8	122
48	Submarine canyons of Santa Monica Bay, Southern California: Variability in morphology and sedimentary processes. <i>Marine Geology</i> , 2015 , 365, 61-79	3.3	28
47	Geomorphic response of submarine canyons to tectonic activity: Insights from the Cook Strait canyon system, New Zealand 2014 , 10, 905-929		35
46	Effects of coastal submarine canyons on tsunami propagation and impact. <i>Marine Geology</i> , 2014 , 350, 39-51	3.3	12
45	Influence on present-day coastal dynamics and evolution of a relict subaqueous delta lobe: Sol de Riu lobe, Ebro Delta. <i>Continental Shelf Research</i> , 2014 , 74, 94-104	2.4	4
44	Marine litter distribution and density in European seas, from the shelves to deep basins. <i>PLoS ONE</i> , 2014 , 9, e95839	3.7	364
43	Space-for-time substitution and the evolution of a submarine canyon-channel system in a passive progradational margin. <i>Geomorphology</i> , 2014 , 221, 34-50	4.3	19
42	Earthquake-Triggered Subaerial Landslides that Caused Large Scale Fjord Sediment Deformation: Combined Subaerial and Submarine Studies of the 2007 Aysñ Fjord Event, Chile 2014 , 67-70		3
41	First in situ observations of the deep-sea carnivorous ascidian <i>Dicopia antirrhinum</i> Monniot C., 1972 in the Western Mediterranean Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2014 , 83, 51-56	2.5	8
40	Morphology and sediment dynamics of the northern Catalan continental shelf, northwestern Mediterranean Sea. <i>Geomorphology</i> , 2014 , 204, 1-20	4.3	16
39	Modeling Potential Tsunami Generation by the BIG95 Landslide. <i>Advances in Natural and Technological Hazards Research</i> , 2014 , 507-515	1.8	6
38	Sediment dynamics and post-glacial evolution of the continental shelf around the Blanes submarine canyon head (NW Mediterranean). <i>Progress in Oceanography</i> , 2013 , 118, 28-46	3.8	15
37	Construction of an oceanic island: Insights from the El Hierro (Canary Islands) 2011-2012 submarine volcanic eruption. <i>Geology</i> , 2013 , 41, 355-358	5	55

36	Significance of the fine drainage pattern for submarine canyon evolution: The Foix Canyon System, Northwestern Mediterranean Sea. <i>Geomorphology</i> , 2013 , 184, 20-37	4.3	13
35	Landslides Cause Tsunami Waves: Insights From Aysñ Fjord, Chile. <i>Eos</i> , 2013 , 94, 297-298	1.5	19
34	Impact of open-ocean convection on particle fluxes and sediment dynamics in the deep margin of the Gulf of Lions. <i>Biogeosciences</i> , 2013 , 10, 1097-1116	4.6	45
33	Failure mechanisms of Ana Slide from geotechnical evidence, Eivissa Channel, Western Mediterranean Sea. <i>Marine Geology</i> , 2012 , 307-310, 1-21	3.3	22
32	Ploughing the deep sea floor. <i>Nature</i> , 2012 , 489, 286-9	50.4	301
31	The BIGØ5 Submarine Landslide-Generated Tsunami: A Numerical Simulation. <i>Journal of Geology</i> , 2012 , 120, 31-48	2	21
30	Impacts on the deep-sea ecosystem by a severe coastal storm. <i>PLoS ONE</i> , 2012 , 7, e30395	3.7	104
29	Deep-Seated Bedrock Landslides and Submarine Canyon Evolution in an Active Tectonic Margin: Cook Strait, New Zealand 2012 , 201-212		18
28	Submarine canyon formation and evolution in the Argentine Continental Margin between 44°30'S and 48°S. <i>Geomorphology</i> , 2011 , 128, 116-136	4.3	39
27	Transient erosion in the Valencia Trough turbidite systems, NW Mediterranean Basin. <i>Geomorphology</i> , 2011 , 130, 173-184	4.3	21
26	Seabed morphology and shallow sedimentary structure of the Storfjorden and Kveithola trough-mouth fans (North West Barents Sea). <i>Marine Geology</i> , 2011 , 286, 65-81	3.3	50
25	Understanding sediment dynamics of two large submarine valleys from seafloor data: Blanes and La Fonera canyons, northwestern Mediterranean Sea. <i>Marine Geology</i> , 2011 , 280, 20-39	3.3	54
24	Europe's Grand Canyon: Nazar's Submarine Canyon. <i>Oceanography</i> , 2009 , 22, 46-57	2.3	74
23	Morphogenesis of the SW Balearic continental slope and adjacent abyssal plain, Western Mediterranean Sea. <i>International Journal of Earth Sciences</i> , 2009 , 98, 735-750	2.2	36
22	Geomorphology and sedimentary features in the Central Portuguese submarine canyons, Western Iberian margin. <i>Geomorphology</i> , 2009 , 103, 310-329	4.3	95
21	Dense shelf water cascades and sedimentary furrow formation in the Cap de Creus Canyon, northwestern Mediterranean Sea. <i>Continental Shelf Research</i> , 2008 , 28, 2017-2030	2.4	103
20	Sedimentary features and processes in the Nazar's and Setbal submarine canyons, west Iberian margin. <i>Marine Geology</i> , 2008 , 250, 64-88	3.3	113
19	Sediment undulations on the Llobregat prodelta: Signs of early slope instability or sedimentary bedforms?. <i>Journal of Geophysical Research</i> , 2007 , 112,		28

18	A walk down the Cap de Creus canyon, Northwestern Mediterranean Sea: Recent processes inferred from morphology and sediment bedforms. <i>Marine Geology</i> , 2007 , 246, 176-192	3.3	80
17	Long-term development and current status of the Barcelona continental shelf: A source-to-sink approach. <i>Continental Shelf Research</i> , 2007 , 27, 1779-1800	2.4	29
16	Landslide And Gravity Flow Features And Processes Of The Nazar And Setbal Canyons, West Iberian Margin 2007 , 89-98		1
15	Active faulting offshore SE Spain (Alboran Sea): Implications for earthquake hazard assessment in the Southern Iberian Margin. <i>Earth and Planetary Science Letters</i> , 2006 , 241, 734-749	5.3	106
14	Back-analysis and failure mechanisms of a large submarine slide on the ebro slope, NW Mediterranean. <i>Marine Geology</i> , 2006 , 226, 185-206	3.3	48
13	Morphogenetic mesoscale analysis of the northeastern Iberian margin, NW Mediterranean Basin. <i>Marine Geology</i> , 2006 , 234, 3-20	3.3	55
12	Eivissa slides, western Mediterranean Sea: morphology and processes. <i>Geo-Marine Letters</i> , 2006 , 26, 225-233	2.3	29
11	Sea floor morphology of the Ebro Shelf in the region of the Columbretes Islands, Western Mediterranean. <i>Geomorphology</i> , 2005 , 72, 1-18	4.3	21
10	Quantitative textural analyses of TOBI sonar imagery along the Almería Canyon, Almería Margin, Alborán Sea, SE Spain. <i>Geological Society Special Publication</i> , 2005 , 244, 141-154	1.7	1
9	Conceptual and Numerical Modeling of the BIG'95 Debris Flow, Western Mediterranean Sea. <i>Journal of Sedimentary Research</i> , 2005 , 75, 784-797	2.1	33
8	Imaging the Seascapes of the Mediterranean. <i>Oceanography</i> , 2004 , 17, 144-155	2.3	18
7	The Role of Canyons on Strata Formation. <i>Oceanography</i> , 2004 , 17, 80-91	2.3	29
6	Shallow slides and pockmark swarms in the Eivissa Channel, western Mediterranean Sea. <i>Sedimentology</i> , 2004 , 51, 837-850	3.3	74
5	Characterisation of the recent BIG'95 debris flow deposit on the Ebro margin, Western Mediterranean Sea, after a variety of seismic reflection data. <i>Marine Geology</i> , 2004 , 213, 235-255	3.3	51
4	Slope failure dynamics and impacts from seafloor and shallow sub-seafloor geophysical data: case studies from the COSTA project. <i>Marine Geology</i> , 2004 , 213, 9-72	3.3	312
3	Comments on Recent mass-movement processes on the Ebro continental slope (NW Mediterranean) [by D. Casas, G. Ercilla, J. Baraza, B. Alonso, A. Maldonado?]. <i>Marine and Petroleum Geology</i> , 2004 , 21, 131-133	4.7	1
2	Uncovering the footprint of former ice streams off Antarctica. <i>Eos</i> , 2003 , 84, 97	1.5	20
1	Seafloor imagery from the BIG'95 debris flow, western Mediterranean. <i>Geology</i> , 2002 , 30, 871	5	62

