Cesar Andrade

List of Publications by Year
in descending order

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79	1,914	186265	276875
papers	citations	28	41
		h-index	g-index

85	85	85	1927
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sedimentation and hydrodynamic processes associated with the tsunami generated by the 1755 Lisbon earthquake. Quaternary International, 1999, 56, 27-38.	1.5	114
2	Tsunami sedimentation associated with the Lisbon earthquake of 1 November AD 1755: Boca do Rio, Algarve, Portugal. Holocene, 1995, 5, 209-215.	1.7	112
3	Microtextural characteristics of quartz grains transported and deposited by tsunamis and storms. Sedimentary Geology, 2012, 275-276, 55-69.	2.1	86
4	Sedimentary processes associated with the tsunami generated by the 1755 Lisbon earthquake on the Algarve coast, Portugal. Physics and Chemistry of the Earth, 1996, 21, 57-63.	0.3	85
5	Stratigraphical evidence of Late Holocene barrier breaching and extreme storms in lagoonal sediments of Ria Formosa, Algarve, Portugal. Marine Geology, 2004, 210, 339-362.	2.1	82
6	Aeolian microtextures in silica spheres induced in a wind tunnel experiment: Comparison with aeolian quartz. Geomorphology, 2013, 180-181, 120-129.	2.6	76
7	Lateglacial and Holocene environmental changes in Portuguese coastal lagoons 1: the sedimentological and geochemical records of the Santo AndrÃ© coastal area. Holocene, 2003, 13, 433-446.	1.7	67
8	A tsunami record in the sedimentary archive of the central Algarve coast, Portugal: Characterizing sediment, reconstructing sources and inundation paths. Holocene, 2012, 22, 899-914.	1.7	61
9	Boulder deposition during major tsunami events. Earth Surface Processes and Landforms, 2011, 36, 2054-2068.	2.5	54
10	Comparing historic records of storm frequency and the North Atlantic Oscillation (NAO) chronology for the Azores region. Holocene, 2008, 18, 745-754.	1.7	48
11	The geological record of environmental changes in southwestern Portuguese coastal lagoons since the Lateglacial. Quaternary International, 2002, 93-94, 161-170.	1.5	44
12	Title is missing!. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 1998, 77, 311-321.	0.9	42
13	Environmental constraints of foraminiferal assemblages distribution across a brackish tidal marsh (Caminha, NW Portugal). Marine Micropaleontology, 2009, 70, 70-88.	1.2	42
14	Coastal evolution and Holocene ostracods in Melides lagoon (SW Portugal). Marine Micropaleontology, 2006, 60, 181-204.	1.2	41
15	Environmental evolution in the Picos de Europa (Cantabrian Mountains, SW Europe) since the Last Glaciation. Quaternary Science Reviews, 2016, 138, 87-104.	3.0	41
16	The AD 1755 tsunami deposits onshore and offshore of Algarve (south Portugal): Sediment transport interpretations based on the study of Foraminifera assemblages. Quaternary International, 2016, 408, 123-138.	1.5	41
17	Historical tsunami in the Azores archipelago (Portugal). Journal of Volcanology and Geothermal Research, 2006, 156, 172-185.	2.1	40
18	Separating eustatic from local environmental effects: a late-Holocene record of coastal change in Albufeira Lagoon, Portugal. Holocene, 1999, 9, 341-352.	1.7	39

#	Article	IF	Citations
19	Tsunami deposits: Present knowledge and future challenges. Sedimentology, 2020, 67, 1189-1206.	3.1	39
20	Metal fluxes to the sediments of the Moulay Bousselham lagoon, Morocco. Environmental Earth Sciences, 2010, 61, 275-286.	2.7	38
21	Optical dating of clastic deposits generated by an extreme marine coastal flood: The 1755 tsunami deposits in the Algarve (Portugal). Quaternary Geochronology, 2010, 5, 329-335.	1.4	37
22	Onshore tsunami sediment transport mechanisms inferred from heavy mineral assemblages. Holocene, 2015, 25, 795-809.	1.7	36
23	High resolution geochemical and grain-size analysis of the AD 1755 tsunami deposit: Insights into the inland extent and inundation phases. Marine Geology, 2017, 390, 94-105.	2.1	34
24	Micropalaeontological record of Holocene estuarine and marine stages in the Corgo do Porto rivulet (Mira River, SW Portugal). Estuarine, Coastal and Shelf Science, 2006, 66, 532-543.	2.1	33
25	Morphological evolution of an ephemeral tidal inlet from opening to closure: The Albufeira inlet, Portugal. Continental Shelf Research, 2014, 73, 49-63.	1.8	31
26	Coastal geoindicators: Towards the establishment of a common framework for sandy coastal environments. Earth-Science Reviews, 2016, 154, 183-190.	9.1	30
27	Natural to anthropogenic forcing in the Holocene evolution of three coastal lagoons (Caldas da) Tj ETQq1 1 0.784314 rgBT /Overlock	1.5	29
28	Dune, Bluff and Beach Erosion due to Exhaustive Sand Mining â€“ the Case of Santa Barbara Beach, SÃ£o Miguel (Azores, Portugal).. Journal of Coastal Research, 2002, 36, 89-95.	0.3	28
29	POSTGLACIAL FORAMINIFERA AND PALEOENVIRONMENTS OF THE MELIDES LAGOON (SW PORTUGAL): TOWARDS A REGIONAL MODEL OF COASTAL EVOLUTION. Journal of Foraminiferal Research, 2007, 37, 125-135.	0.5	28
30	How did the AD 1755 tsunami impact on sand barriers across the southern coast of Portugal?. Geomorphology, 2016, 268, 296-311.	2.6	28
31	Evolution of the hydrodynamics of the Tagus estuary (Portugal) in the 21st century. Journal of Integrated Coastal Zone Management, 0, , 65-80.	0.1	28
32	A review on onshore tsunami deposits along the Atlantic coasts. Earth-Science Reviews, 2021, 212, 103441.	9.1	26
33	Title is missing!. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 1998, 77, 283-293.	0.9	20
34	Sediment characteristics and microbiological contamination of beach sand â€“ A caseâ€“study in the archipelago of Madeira. Science of the Total Environment, 2016, 573, 627-638.	8.0	19
35	Heavy metals contents on beach and dune sediments from Espinho to Mondego Cape (Portugal)â€”influence of human activities. Journal of Geochemical Exploration, 2006, 88, 404-407.	3.2	18
36	The application of microtextural and heavy mineral analysis to discriminate between storm and tsunami deposits. Geological Society Special Publication, 2018, 456, 167-190.	1.3	17

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37	Wind-induced sand transport in Tagus estuarine beaches â€“ First results. Aquatic Ecology, 1999, 33, 225-233.	1.5	15
38	Fluvial geochemistry in SÃ£o Miguel Island (Azores, Portugal): Source and fluxes of inorganic solutes in an active volcanic environment. Science of the Total Environment, 2013, 454-455, 154-169.	8.0	15
39	Spring geochemistry in an active volcanic environment (SÃ£o Miguel, Azores): Source and fluxes of inorganic solutes. Science of the Total Environment, 2014, 466-467, 475-489.	8.0	14
40	Morphological Development and Behaviour of a Shoreface Nourishment in the Portuguese Western Coast. Journal of Marine Science and Engineering, 2022, 10, 146.	2.6	14
41	Drought, fire and grazing precursors to largeâ€scale pine forest decline. Diversity and Distributions, 2021, 27, 1138-1151.	4.1	13
42	Title is missing!. Hydrobiologia, 2002, 475/476, 21-27.	2.0	11
43	Cyprideis torosa (Jones, 1850) in mainland Portugal: what do we know?. Journal of Micropalaeontology, 2017, 36, 94-112.	3.6	11
44	CO2 fluxes of two lakes in volcanic caves in the Azores, Portugal. Applied Geochemistry, 2019, 102, 218-228.	3.0	11
45	Mineral water occurrence and geochemistry in the Azores volcanic archipelago (Portugal): insight from an extended database on water chemistry. Environmental Earth Sciences, 2015, 73, 2749-2762.	2.7	10
46	CO2 degassing from Pico Island (Azores, Portugal) volcanic lakes. Limnologica, 2019, 76, 72-81.	1.5	10
47	Diffuse CO2 flux emission in two maar crater lakes from SÃ£o Miguel Island (Azores, Portugal). Journal of Volcanology and Geothermal Research, 2019, 369, 188-202.	2.1	10
48	Paleomagnetic, rock magnetic and geochemical study of the 1755 tsunami deposit at Boca do Rio (Algarve, Portugal). Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 514, 550-566.	2.3	10
49	Assessing the extreme overwash regime along an embayed urban beach. Geomorphology, 2016, 274, 64-77.	2.6	9
50	UAV Derived Information Applied to the Study of Slow-changing Morphology in Dune Systems. Journal of Coastal Research, 2018, 85, 226-230.	0.3	9
51	Distribution andÂnew ecological data ofÂPseudothuramminaÂlimnetis (Scott andÂMedioli) onÂtheÂbrackish tidal marshes ofÂMinho/Coura estuary, Northern Portugal. Revue De Micropaleontologie, 2006, 49, 45-53.	0.4	8
52	The future of insular beaches: Insights from a past-to-future sediment budget approach. Science of the Total Environment, 2019, 676, 692-705.	8.0	8
53	Groundwater composition in perched-water bodies in the north flank of Fogo volcano (SÃ£o Miguel,) Tj ETQq1 1 0.784314 rgBT /Ove 73, 2779-2792.	2.7	7
54	The role of climate, marine influence and sedimentation rates in late-Holocene estuarine evolution (SW Portugal). Holocene, 2019, 29, 622-632.	1.7	7

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55	Holocene sea level and climate interactions on wet dune slack evolution in SW Portugal: A model for future scenarios?. Holocene, 2019, 29, 26-44.	1.7	7
56	Geomorphological response of the salt-marshes in the Tagus estuary to sea level rise. Journal of Coastal Research, 2013, 65, 582-587.	0.3	6
57	Estimating the age and mechanism of boulder transport related with extreme waves using lichenometry. Progress in Physical Geography, 2020, 44, 870-897.	3.2	6
58	How to foster scientific knowledge integration in coastal management. Ocean and Coastal Management, 2021, 209, 105661.	4.4	6
59	The chemical status of groundwater and pollution risk in the Azores archipelago (Portugal). Environmental Earth Sciences, 2015, 73, 2763-2777.	2.7	5
60	Upstream public engagement on coastal issues: Audience response to a science-based exhibition. Ocean and Coastal Management, 2017, 144, 83-89.	4.4	5
61	Floodplain Sediments of the Tagus River, Portugal: Assessing Avulsion, Channel Migration and Human Impact. , 0, , 535-554.		4
62	The Palaeolithic occupation of southern Alentejo: the Sado River Drainage Survey. Trabajos De Prehistoria, 2011, 68, 25-49.	0.7	4
63	Evaluating the Impact of Explosive Volcanic Eruptions on a Groundwater-Fed Water Supply System: An Exploratory Study in Ponta Delgada, SÃ£o Miguel (Azores, Portugal). Water (Switzerland), 2022, 14, 1022.	2.7	4
64	Optimizing beach topographical field surveys: matching the effort with the objectives. Journal of Coastal Research, 2013, 65, 588-593.	0.3	3
65	Processes controlling morphodynamics of artificially breached barriers. Estuarine, Coastal and Shelf Science, 2019, 225, 106231.	2.1	3
66	An overview on offshore tsunami deposits. , 2021, , 183-192.		3
67	Can Modeling the Geologic Record Contribute to Constraining the Tectonic Source of the 1755 CE Great Lisbon Earthquake?. Earth and Space Science, 2021, 8, e2020EA001109.	2.6	3
68	Challenges and new strategies in assessing multidecadal shore platform sandy beach evolution from aerial imagery. Marine Geology, 2021, 436, 106472.	2.1	3
69	Morphodynamique dâ€™une embouchure tidale artificielle Ã©phÃ©mÃ¨re : la lagune dâ€™Albufeira, Portugal. , 2012, , .		3
70	Effect of Inlet Morphology and Wave Action on Pollutant Pathways and Sediment Dynamics in a Coastal Stream. , 2010, , .		2
71	A punctuated equilibrium model for storm response of geologically controlled beaches: Application to western Portuguese beaches. Geomorphology, 2022, 404, 108184.	2.6	2
72	Triggers in science communication: â€œThe NazarÃ© Wave: A trigger for learningâ€• Continental Shelf Research, 2022, 244, 104805.	1.8	2

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73	Megatsunamis Induced by Volcanic Landslides in the Canary Islands: Age of the Tsunami Deposits and Source Landslides. GeoHazards, 2021, 2, 228-256.	1.4	1
74	Sedimentary structure of the Nazaré coastal dunes (Portugal). , 2010, , .		0
75	Adding a temporal dimension to the RUSLE model: Application to the Portuguese west coast. , 2012, , .		0
76	A GIS-assisted reconstruction of the Holocene transgressive paleosurface of Pederneira lowland (W) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	0
77	Imprints of the AD 1755 Tsunami in Algarve (South Portugal) Lowlands and Post-impact Recovery. Coastal Research Library, 2016, , 17-30.	0.4	0
78	The effect of sediment characteristics in littoral transport evaluation. , 2007, , 323-327.		0
79	Geological Recognition of Onshore Tsunami Deposits. Coastal Research Library, 2015, , 3-32.	0.4	0