Sergio R Dillenburg

List of Publications by Year
in descending order

77	1,668	279487 23	329751 37
papers	citations	h-index	g-index

79	79	79	1013
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beach ridges, foredunes or transgressive dunefields? Definitions and an examination of the Torres to TramandaÃ-barrier system, Southern Brazil. Anais Da Academia Brasileira De Ciencias, 2005, 77, 493-508.	0.3	106
2	LATE QUATERNARY GEOLOGICAL HISTORY OF RIO GRANGE DO SUL COASTAL PLAIN, SOUTHERN BRAZIL. Revista Brasileira De GeociÃªncias, 2000, 30, 474-476.	0.1	87
3	The complex prograded Cassino barrier in southern Brazil: Geological and morphological evolution and records of climatic, oceanographic and sea-level changes in the last 7â€“6 ka. Marine Geology, 2017, 390, 106-119.	0.9	71
4	High-Frequency Sequences in the Quaternary of Pelotas Basin (coastal plain): a record of degradational stacking as a function of longer-term base-level fall. Brazilian Journal of Geology, 2017, 47, 183-207.	0.3	67
5	Barrier evolution and placer formation at Bujuru southern Brazil. Marine Geology, 2004, 203, 43-56.	0.9	66
6	Geology and Geomorphology of Holocene Coastal Barriers of Brazil. Lecture Notes in Earth Sciences, 2009, , .	0.5	66
7	Sedimentary facies and stratigraphy of a last interglacial coastal barrier in south Brazil. Marine Geology, 2007, 244, 33-45.	0.9	65
8	The Holocene Coastal Barriers of Rio Grande do Sul. Lecture Notes in Earth Sciences, 2009, , 53-91.	0.5	54
9	Morphology of the Itapeva to Tramandai transgressive dunefield barrier system and mid- to late Holocene sea level change. Earth Surface Processes and Landforms, 2007, 32, 407-414.	1.2	51
10	Morphological and temporal variations of transgressive dunefields of the northern and mid-littoral Rio Grande do Sul coast, Southern Brazil. Geomorphology, 2010, 117, 14-32.	1.1	51
11	Sea-level rise and sediment budget controlling the evolution of a transgressive barrier in southern Brazil. Journal of South American Earth Sciences, 2013, 42, 27-38.	0.6	51
12	Foredune vegetation patterns and alongshore environmental gradients: MoÃ§ambique Beach, Santa Catarina Island, Brazil. Earth Surface Processes and Landforms, 2008, 33, 1557-1573.	1.2	50
13	A critical evaluation of coastal erosion in Rio Grande do Sul, Southern Brazil. Anais Da Academia Brasileira De Ciencias, 2004, 76, 611-623.	0.3	47
14	Long- and Short-Term Coastal Erosion in Southern Brazil. Journal of Coastal Research, 2002, 36, 273-282.	0.1	45
15	Mid to late Holocene evolution of transgressive dunefields from Rio Grande do Sul coast, southern Brazil. Marine Geology, 2008, 256, 49-64.	0.9	42
16	Late middle to late Pleistocene paleoecology and paleoenvironments in the coastal plain of Rio Grande do Sul State, Southern Brazil, from stable isotopes in fossils of Toxodon and Stegomastodon. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 369, 385-394.	1.0	38
17	Wave Energy and Longshore Sediment Transport Gradients Controlling Barrier Evolution in Rio Grande do Sul, Brazil. Journal of Coastal Research, 2009, 252, 285-293.	0.1	34
18	ESR dating of Pleistocene mammals and marine shells from the coastal plain of Rio Grande do Sul state, southern Brazil. Quaternary International, 2014, 352, 124-134.	0.7	34

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19	Regional wind fields and dunefield migration, southern Brazil. Earth Surface Processes and Landforms, 2007, 32, 561-573.	1.2	33
20	The strike-fed sandy coast of Southern Brazil. Geological Society Special Publication, 2014, 388, 333-352.	0.8	29
21	Seasonal and Interannual Influences on the Patterns of Shoreline Changes in Rio Grande do Sul, Southern Brazil. Journal of Coastal Research, 2006, 225, 1076-1093.	0.1	28
22	The sea-level highstand correlated to marine isotope stage (MIS) 7 in the coastal plain of the state of Rio Grande do Sul, Brazil. Anais Da Academia Brasileira De Ciencias, 2014, 86, 1573-1595.	0.3	27
23	Preservation potential of foredunes in the stratigraphic record. Journal of Coastal Research, 2013, 165, 1265-1270.	0.1	26
24	Stratigraphic analysis applied on the recognition of the interface between marine and fluvial depositional systems. Journal of Coastal Research, 2014, 70, 687-692.	0.1	22
25	Sedimentary records of Marine Isotopic Stage 3 (MIS 3) in southern Brazil. Geo-Marine Letters, 2020, 40, 1099-1108.	0.5	22
26	Geochronology and evolution of a complex barrier, Younghusband Peninsula, South Australia. Geomorphology, 2020, 354, 107044.	1.1	22
27	SedimentaÃ§Ã£o de Longo e Curto PerÃodo na Lagoa dos Patos, Sul do Brasil. Pesquisas Em Geociencias, 2006, 33, 79.	0.1	22
28	Holocene Sea-Level Changes in Southern Brazil Based on High-Resolution Radar Stratigraphy. Geosciences (Switzerland), 2021, 11, 326.	1.0	20
29	Geomorphological and stratigraphic evolution of a fluvial incision in the coastal plain and inner continental shelf in southern Brazil. Marine Geology, 2021, 437, 106514.	0.9	20
30	Detrital Minerals of Modern Beach Sediments in Southern Brazil: A Provenance Study Based on the Chemistry of Zircon. Journal of Coastal Research, 2010, 261, 80-93.	0.1	19
31	Diachronic Condition Between Maximum Transgressive and Maximum Eustatic Sea-Level in Holocene: Subsidies for Coastal Management. Journal of Coastal Research, 2018, 85, 446-450.	0.1	18
32	CordÃ£o Formation: loess deposits in the southern coastal plain of the state of Rio Grande do Sul, Brazil. Anais Da Academia Brasileira De Ciencias, 2016, 88, 2143-2166.	0.3	17
33	Control factors in the evolution of Holocene coastal barriers in Southern Brazil. Geomorphology, 2020, 360, 107180.	1.1	16
34	A middle Pleistocene marine molluscan assemblage from the Southern coastal plain of Rio Grande do Sul State. Revista Brasileira De Paleontologia, 2013, 16, 343-360.	0.2	16
35	Natural Landscapes Along Brazilian Coastline. Geography of the Physical Environment, 2019, , 199-218.	0.2	15
36	Late Pleistocene-Holocene fossils from Mirim Lake, Southern Brazil, and their paleoenvironmental significance: I - Vertebrates. Journal of South American Earth Sciences, 2020, 100, 102566.	0.6	15

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37	The extinction of the Pleistocene megafauna in the Pampa of southern Brazil. Quaternary Science Reviews, 2020, 242, 106428.	1.4	15
38	Coastal Barriers â€“ An Introduction. Lecture Notes in Earth Sciences, 2009, , 1-15.	0.5	14
39	An ocean wind-wave climatology for the Southern Brazilian Shelf. Part II: Variability in space and time. Dynamics of Atmospheres and Oceans, 2019, 88, 101103.	0.7	14
40	Meandering fluvial system influencing the evolution of a Holocene regressive barrier in southern Brazil. Journal of Coastal Research, 2014, 70, 205-210.	0.1	12
41	Pleistocene molluscan assemblage in the southern Coastal Plain of Rio Grande do Sul, Brazil: Implications in the evolution of a Barrier-Lagoon System. Journal of South American Earth Sciences, 2018, 86, 200-215.	0.6	12
42	Aeolian Deposition and Barrier Stratigraphy of the Transition Region between a Regressive and a Transgressive Barrier: an example from Southern Brazil. Journal of Coastal Research, 2013, 65, 464-469.	0.1	11
43	Application of multivariate statistical techniques in alongshore differentiation of coastal barriers. Marine Geology, 2020, 419, 106077.	0.9	11
44	ParÃ¢metros MorfodinÃ¢micos da Praia de ImbÃ©, RS. Pesquisas Em Geociencias, 1993, 20, 27.	0.1	11
45	ESTRATIGRAFIA E EVOLUÃ‡ÃƒO DA BARREIRA HOLOCÃŠNICA DO RIO GRANDE DO SUL NO TRECHO TRAMANDAÃ•CIDREIRA. Boletim Paranaense De Geosciencias, 2005, 57, .	0.0	10
46	Discussion: â€œEvidence for a transgressive barrier within a regressive strandplain system: implications for complex response to environmental changeâ€•by Hein, etÂal. (2013), Sedimentology 60, 469â€“502. Sedimentology, 2014, 61, 2205-2212.	1.6	10
47	Algal Palynomorphs Response to Environmental Changes in the Tramandai Lagoon, Southern Brazil, and Climatic Oscillations in the 20th Century. Journal of Coastal Research, 2010, 264, 726-735.	0.1	9
48	The paleoecology of Pleistocene giant megatheriid sloths: stable isotopes (Î´13C, Î´18O) of co-occurring Megatherium and Eremotherium from southern Brazil. Revista Brasileira De Paleontologia, 2021, 24, 245-264.	0.2	9
49	Description and controls on distribution of Pleistocene vertebrate fossils from the central and southern sectors of the Coastal Plain of Rio Grande do Sul, Brazil. Revista Brasileira De Paleontologia, 2017, 19, 425-438.	0.2	9
50	Holocene freshwater history of the Lower River Murray and its terminal lakes, Alexandrina and Albert, South Australia, and its relevance to contemporary environmental management. Australian Journal of Earth Sciences, 2022, 69, 605-629.	0.4	9
51	Late Pleistocene-Holocene diatomites from the coastal plain of southern Brazil: Paleoenvironmental implications. Quaternary International, 2021, 598, 38-55.	0.7	8
52	SIGNIFICADO ESTRATIGRÃFICO DE MINERAIS GLAUCONÃTICOS DA PLANÃCIE COTEIRA DO RIO GRANDE DO SUL, REGIÃƒO DA LAGUNA DE TRAMANDAÃ• Revista Brasileira De GeociÃªncias, 2000, 30, 649-654.	0.1	8
53	Wave Energy as a Control on Dune Development on two Regressive Barriers in Southern Brazil. Journal of Coastal Research, 2016, 75, 273-277.	0.1	7
54	An ocean wind-wave climatology for the Southern Brazilian Shelf. Part I: Problem presentation and model validation. Dynamics of Atmospheres and Oceans, 2020, 89, 101101.	0.7	7

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55	Changes in the Littoral Drift System of the Uruguayan Coast during the Holocene and its Influence in the Continuing Erosion in Southern Brazil. Journal of Coastal Research, 2020, 95, 453.	0.1	7
56	VariaÃ§Ãµes temporais da linha de costa em praias arenosas dominadas por ondas do sudeste da Ilha de Santa Catarina (FlorianÃ³polis, SC, Brasil). Pesquisas Em Geociencias, 2009, 36, 117.	0.1	6
57	Proposta de mÃ©todo para anÃ¡lise de vulnerabilidade Ã erosÃ£o costeira no sudeste da ilha de Santa Catarina, Brasil. Revista Brasileira De GeociÃªncias, 2008, 38, 278-294.	0.1	6
58	A large mid-Holocene estuary was not present in the lower River Murray, Australia. Scientific Reports, 2021, 11, 12082.	1.6	5
59	The Santa VitÃ³ria Alloformation: an update on a Pleistocene fossil-rich unit in Southern Brazil. Brazilian Journal of Geology, 2021, 51, .	0.3	5
60	DistribuiÃ§Ã£o e origem dos minerais detrÃticos pesados das areias praiais holocÃªnicas do litoral norte do Rio Grande do Sul. Revista Brasileira De GeociÃªncias, 2008, 38, 319-335.	0.1	5
61	Isotopic evidence for a diet shift in a Pleistocene sub-adult mastodon from the Brazilian Pampa. Historical Biology, 2023, 35, 388-402.	0.7	5
62	GeoquÃmica de Minerais DetrÃticos em Estudos de ProveniÃªncia: Uma RevisÃ£o. Pesquisas Em Geociencias, 2005, 32, 3.	0.1	4
63	OscilaÃ§Ãµes HolocÃªnicas do NÃvel Relativo do Mar Registradas na SucessÃ£o de FÃ¡cies Lagunares na RegiÃ£o da Laguna de TramandaÃ RS.. Pesquisas Em Geociencias, 1996, 23, 17.	0.1	4
64	Geomorfologia e arquitetura deposicional de uma planÃcie de cordÃµes litorÃ¢neos na margem NE da Lagoa dos Quadros, RS, Brasil. Pesquisas Em Geociencias, 2016, 43, 249.	0.1	4
65	Andean fingerprint on placer sands from the southern Brazilian coast. Sedimentary Geology, 2022, 428, 106061.	1.0	4
66	Late-Holocene sea levels from vermetids and barnacles at Ponta do Papagaio, 27Â° 50â€²S latitude and a comparison with other sectors of southern Brazil. Quaternary Science Reviews, 2022, 286, 107536.	1.4	4
67	Moluscos holocÃªnicos em sedimentos lagunares associados Ã barreira arenosa da Pinheira-Guarda-Gamboa, Santa Catarina: implicaÃ§Ãµes paleoambientais. Pesquisas Em Geociencias, 2017, 44, 143.	0.1	3
68	Middle to Late Holocene paleoenvironmental changes in the coastal plain of southern Brazil. Journal of South American Earth Sciences, 2021, 111, 103514.	0.6	2
69	Comments on â€œThe coastal ridge sequence at Rio Grande do Sul: A new geoarchive for past climate events of the Atlantic coast of southern Brazil since the mid Holoceneâ€•by Milana J.P., Guedes C.C.F. and Buso V.V. 2016 (Quaternary international 438, 187â€“199, https://doi.org/10.1016/j.quaint.2016.11.029). Quaternary International, 2018, 482, 171-176.	0.7	1
70	Late Pleistocene-Holocene fossils from Mirim Lake, southern Brazil, and their paleoenvironmental significance: II â€“ Mollusks. Journal of South American Earth Sciences, 2021, 112, 103546.	0.6	1
71	DataÃ§Ã£o por LuminescÃªncia Opticamente Estimulada (LOE) de uma planÃcie de cordÃµes litorÃ¢neos do litoral norte do Rio Grande do Sul, Brasil. Quaternary and Environmental Geosciences, 2017, 8, .	0.2	1
72	Barra Falsa: HipÃ³tese de Um Paleocanal HolocÃªnico de ComunicaÃ§Ã£o Entre Laguna Dos Patos e o Oceano AtlÃ¢ntico. Pesquisas Em Geociencias, 1991, 18, 99.	0.1	1

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73	The influence of coastal evolution on the paleobiogeography of the bivalve Anomalocardia flexuosa (LinnÃ©, 1767) along the southwestern Atlantic Ocean. Journal of South American Earth Sciences, 2022, 113, 103662.	0.6	1
74	MorfodinÃ¢mica do Sistema Praia-Duna da Barreira Costeira HolocÃªnica do SiriÃº, Garopaba, SC. Revista Brasileira De Geomorfologia, 2022, 23, 1524-1547.	0.1	1
75	VariaÃ§Ãµes das propriedades granulomÃ©tricas da barreira costeira da Pinheira (SC) durante a sua progradaÃ§Ã£o no Holoceno Superior. Quaternary and Environmental Geosciences, 2010, 2, .	0.2	0
76	Historical and geological assessment of shoreline changes at an urbanized embayed sandy system in Garopaba, Southern Brazil. Regional Studies in Marine Science, 2021, 42, 101622.	0.4	0
77	PADRÃ•ES DE EMPILHAMENTO ESTRATIGRÃFICO E SEUS REFLEXOS NA MORFOLOGIA DA BARREIRA COSTEIRA HOLOCÃŠNICA NO LITORAL MÃ‰DIO DO RIO GRANDE DO SUL, BRASIL. Revista Brasileira De Geomorfologia, 2020, 21, .	0.1	0