Diana Graciela Cuadrado

List of Publications by Year
in descending order

36	599	516710 16	610901 24
papers	citations	h-index	g-index

36	36	36	434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biostabilization of sediments by microbial mats in a temperate siliciclastic tidal flat, Bahia Blanca estuary (Argentina). Sedimentary Geology, 2011, 237, 95-101.	2.1	52
2	Assessment of the physicochemical conditions sediments in a polluted tidal flat colonized by microbial mats in BahÃa Blanca Estuary (Argentina). Marine Pollution Bulletin, 2015, 91, 491-505.	5.0	46
3	Tidal and longshore sediment transport associated to a coastal structure. Estuarine, Coastal and Shelf Science, 2005, 62, 291-300.	2.1	39
4	Geomorphologic and physical characteristics of a human impacted estuary: QuequÃ©n Grande River Estuary, Argentina. Estuarine, Coastal and Shelf Science, 2005, 62, 301-312.	2.1	39
5	Modern microbial mats in siliciclastic tidal flats: Evolution, structure and the role of hydrodynamics. Marine Geology, 2014, 352, 367-380.	2.1	35
6	Microbially induced sedimentary structures in Neogene tidal flats from Argentina: Paleoenvironmental, stratigraphic and taphonomic implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 353-355, 1-9.	2.3	29
7	Natural and anthropogenic heavy metals in estuarine cohesive sediments: geochemistry and bioavailability. Ocean Dynamics, 2011, 61, 285-293.	2.2	28
8	Mineral precipitation on modern siliciclastic tidal flats colonized by microbial mats. Sedimentary Geology, 2012, 271-272, 58-66.	2.1	27
9	Microbially-induced sedimentary structures (MISS) as record of storm action in supratidal modern estuarine setting. Sedimentary Geology, 2013, 296, 1-8.	2.1	27
10	Characterization of Microbial Mats from a Siliciclastic Tidal Flat (BahÃa Blanca Estuary, Argentina). Geomicrobiology Journal, 2013, 30, 665-674.	2.0	27
11	Field Observations On the Evolution of Reticulate Patterns in Microbial Mats in a Modern Siliciclastic Coastal Environment. Journal of Sedimentary Research, 2018, 88, 24-37.	1.6	26
12	Principal Component Analysis Applied to Geomorphologic Evolution. Estuarine, Coastal and Shelf Science, 1997, 44, 411-419.	2.1	22
13	Sand transport on an estuarine submarine dune field. Geomorphology, 2010, 121, 257-265.	2.6	21
14	Interaction between Estuarine Microphytobenthos and Physical Forcings: The Role of Atmospheric and Sedimentary Factors. International Journal of Geosciences, 2013, 04, 352-361.	0.6	19
15	Processes of MISS-formation in a modern siliciclastic tidal flat, Patagonia (Argentina). Sedimentary Geology, 2019, 381, 1-12.	2.1	18
16	Deformed microbial mat structures in a semiarid temperate coastal setting. Sedimentary Geology, 2015, 325, 106-118.	2.1	17
17	Microbial mat contribution to the formation of an evaporitic environment in a temperate-latitude ecosystem. Journal of Hydrology, 2019, 575, 105-114.	5.4	16
18	Diatom-driven recolonization of microbial mat-dominated siliciclastic tidal flat sediments. FEMS Microbiology Ecology, 2017, 93, .	2.7	15

#	Article	IF	Citations
19	Geomorphologic evolution of El Toro Channel, Bahia Blanca Estuary (Argentina) prior to dredging. Marine Geology, 1991, 97, 405-412.	2.1	11
20	Metals in tidal flats colonized by microbial mats within a South-American estuary (Argentina). Environmental Earth Sciences, 2017, 76, 1.	2.7	10
21	Coastal landscape evolution on the western margin of the BahÃa Blanca Estuary (Argentina) mirrors a non-uniform sea-level fall after the mid-Holocene highstand. Geo-Marine Letters, 2017, 37, 373-384.	1.1	10
22	Geobiological model of ripple genesis and preservation in a heterolithic sedimentary sequence for a supratidal area. Sedimentology, 2020, 67, 2747-2763.	3.1	10
23	Carbonate laminae recorded in a siliciclastic tidal flat colonized by microbial mats. Sedimentary Geology, 2020, 405, 105702.	2.1	9
24	Morphodynamic characteristics in a tidal inlet: San Blas, Argentina. Geomorphology, 2011, 135, 203-211.	2.6	8
25	Quantification of microbial mat response to physical disruption in siliciclastic sediments. Estuarine, Coastal and Shelf Science, 2019, 230, 106434.	2.1	8
26	AplicaciÃ³n de un modelo de trazadores lagrangianos en BahÃa Anegada, Argentina. Revista De Biologia Marina Y Oceanografia, 2011, 46, 199-206.	0.2	5
27	Tidal effects on short-term mesozooplankton distribution in small channels of a temperate-turbid estuary, Southwestern Atlantic. Brazilian Journal of Oceanography, 2015, 63, 83-92.	0.6	5
28	Coastal Environments in the BahÃa Blanca Estuary, Argentina. Tasks for Vegetation Science, 2016, , 205-224.	0.6	5
29	Microbially induced sedimentary structures (MISS) generated by episodic storm surges in a temperate coast. Marine Geology, 2022, 448, 106813.	2.1	4
30	Microbial Mats: Impact on Geology. , 2017, , 146-146.		3
31	Epibenthic microbial mats behavior as phosphorus sinks or sources in relation to biological and physicochemical conditions. Journal of Environmental Management, 2022, 314, 115079.	7.8	3
32	Spatial and seasonal dynamics of phosphorous and physicochemical variables in the Negro River Estuary (Argentina): a preliminary approach. Environmental Science and Pollution Research, 2022, 29, 15490-15500.	5.3	2
33	Short-term efficiency of epibenthic microbial mat components on phosphorus sorption. Marine Pollution Bulletin, 2020, 157, 111350.	5.0	1
34	Zooplankton community modulated by spatial and tidal changes in the BahÃa Blanca Estuary, Argentina. Regional Studies in Marine Science, 2020, 36, 101277.	0.7	1
35	Study of the surface water circulation in San Blas channel (Argentina) using landsat imagery. Brazilian Journal of Oceanography, 2011, 59, 241-252.	0.6	1
36	Geological, Physical and Chemical Foundations. , 2018, , 11-42.		0