Diana G Cuadrado

List of Publications by Year
in descending order

25	421	687363 13	713466 21
papers	citations	h-index	g-index

25	25	25	309
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	Tidal and longshore sediment transport associated to a coastal structure. Estuarine, Coastal and Shelf Science, 2005, 62, 291-300.	2.1	39
3	Modern microbial mats in siliciclastic tidal flats: Evolution, structure and the role of hydrodynamics. Marine Geology, 2014, 352, 367-380.	2.1	35
4	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
5	Mineral precipitation on modern siliciclastic tidal flats colonized by microbial mats. Sedimentary Geology, 2012, 271-272, 58-66.	2.1	27
6	Microbially-induced sedimentary structures (MISS) as record of storm action in supratidal modern estuarine setting. Sedimentary Geology, 2013, 296, 1-8.	2.1	27
7	Characterization of Microbial Mats from a Siliciclastic Tidal Flat (BahÃa Blanca Estuary, Argentina). Geomicrobiology Journal, 2013, 30, 665-674.	2.0	27
8	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
9	Sand transport on an estuarine submarine dune field. Geomorphology, 2010, 121, 257-265.	2.6	21
10	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
11	Processes of MISS-formation in a modern siliciclastic tidal flat, Patagonia (Argentina). Sedimentary Geology, 2019, 381, 1-12.	2.1	18
12	Deformed microbial mat structures in a semiarid temperate coastal setting. Sedimentary Geology, 2015, 325, 106-118.	2.1	17
13	Diatom-driven recolonization of microbial mat-dominated siliciclastic tidal flat sediments. FEMS Microbiology Ecology, 2017, 93, .	2.7	15
14	Metals in tidal flats colonized by microbial mats within a South-American estuary (Argentina). Environmental Earth Sciences, 2017, 76, 1.	2.7	10
15	Geobiological model of ripple genesis and preservation in a heterolithic sedimentary sequence for a supratidal area. Sedimentology, 2020, 67, 2747-2763.	3.1	10
16	Role of microbial mats and high sedimentation rates in the early burial and preservation of footprints in a siliciclastic tidal flat. Journal of Sedimentary Research, 2021, 91, 479-494.	1.6	10
17	Carbonate laminae recorded in a siliciclastic tidal flat colonized by microbial mats. Sedimentary Geology, 2020, 405, 105702.	2.1	9
18	Morphodynamic characteristics in a tidal inlet: San Blas, Argentina. Geomorphology, 2011, 135, 203-211.	2.6	8

#	Article	IF	Citations
19	Quantification of microbial mat response to physical disruption in siliciclastic sediments. Estuarine, Coastal and Shelf Science, 2019, 230, 106434.	2.1	8
20	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
21	Microbially induced sedimentary structures (MISS) generated by episodic storm surges in a temperate coast. Marine Geology, 2022, 448, 106813.	2.1	4
22	Microbial Mats: Impact on Geology. , 2017, , 146-146.		3
23	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
24	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
25	Geological, Physical and Chemical Foundations. , 2018, , 11-42.		0