

Teodora Ortega Daz

List of Publications by Citations

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31
papers

408
citations

11
h-index

19
g-index

33
ext. papers

493
ext. citations

4.9
avg, IF

3.41
L-index

#	Paper	IF	Citations
31	Seasonal study of dissolved CH ₄ , CO ₂ and N ₂ O in a shallow tidal system of the bay of Cádiz (SW Spain). <i>Journal of Marine Systems</i> , 2007 , 66, 244-257	2.7	80
30	Anthropogenic effects on greenhouse gas (CH ₄ and N ₂ O) emissions in the Guadalete River Estuary (SW Spain). <i>Science of the Total Environment</i> , 2015 , 503-504, 179-89	10.2	48
29	Benthic fluxes of inorganic carbon in shallow coastal ecosystems of the Iberian Peninsula. <i>Marine Chemistry</i> , 2004 , 85, 141-156	3.7	38
28	Fluxes of dissolved inorganic carbon in three estuarine systems of the Cantabrian Sea (north of Spain). <i>Journal of Marine Systems</i> , 2005 , 53, 125-142	2.7	36
27	Benthic fluxes in a tidal salt marsh creek affected by fish farm activities: R \bar{O} San Pedro (Bay of Cádiz, SW Spain). <i>Marine Chemistry</i> , 2009 , 113, 50-62	3.7	32
26	Benthic respiration on the northeastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Marine Ecology - Progress Series</i> , 2009 , 392, 69-80	2.6	25
25	Benthic nutrient recycling on the northeastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Marine Ecology - Progress Series</i> , 2009 , 390, 79-95	2.6	16
24	Nitrous oxide distribution in the north-eastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Marine Chemistry</i> , 2010 , 119, 22-32	3.7	13
23	Spatial and seasonal variability of CH ₄ in the eastern Gulf of Cadiz (SW Iberian Peninsula). <i>Science of the Total Environment</i> , 2017 , 590-591, 695-707	10.2	12
22	Hydrodynamic characterization and performance of an autonomous benthic chamber for use in coastal systems. <i>Limnology and Oceanography: Methods</i> , 2008 , 6, 558-571	2.6	12
21	Temporal and spatial variability of methane in the north-eastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Journal of Sea Research</i> , 2010 , 64, 213-223	1.9	11
20	Temporal and spatial variation of NO ₃ ⁻ production from estuarine and marine shallow systems of Cadiz Bay (SW, Spain). <i>Science of the Total Environment</i> , 2017 , 607-608, 141-151	10.2	9
19	Using a laboratory simulator in the teaching and study of chemical processes in estuarine systems. <i>Computers and Education</i> , 2004 , 43, 81-90	9.5	9
18	Distribution of NO ₃ ⁻ in the eastern shelf of the Gulf of Cadiz (SW Iberian Peninsula). <i>Science of the Total Environment</i> , 2017 , 593-594, 796-808	10.2	8
17	Seasonal variation of early diagenesis and greenhouse gas production in coastal sediments of Cadiz Bay: Influence of anthropogenic activities. <i>Estuarine, Coastal and Shelf Science</i> , 2018 , 200, 99-115	2.9	8
16	Benthic fluxes of dissolved inorganic carbon in the Tinto-Diel system (SW of Spain). <i>Continental Shelf Research</i> , 2008 , 28, 458-469	2.4	7
15	Carbon Dioxide and Methane Dynamics in Three Coastal Systems of Cadiz Bay (SW Spain). <i>Estuaries and Coasts</i> , 2018 , 41, 1069-1088	2.8	6

14	Influence of benthic regeneration on the biogeochemical cycle of CO ₂ in littoral ecosystems. <i>Ciencias Marinas</i> , 2001 , 27, 311-333	1.7	6
13	Factors controlling the variability and emissions of greenhouse gases (CO ₂ , CH ₄ and N ₂ O) in three estuaries of the Southern Iberian Atlantic Basin during July 2017. <i>Marine Chemistry</i> , 2020 , 226, 103867	3.7	6
12	Methane dynamics in the coastal Continental shelf transition zone of the Gulf of Cadiz. <i>Estuarine, Coastal and Shelf Science</i> , 2020 , 236, 106653	2.9	5
11	Teaching Estuarine Chemical Processes by Laboratory Simulation. <i>Journal of Chemical Education</i> , 2001 , 78, 771	2.4	4
10	CO ₂ variability in the surface waters of the eastern Gulf of Cádiz (SW Iberian Peninsula). <i>Ocean Science</i> , 2019 , 15, 1225-1245	4	4
9	Linkages between greenhouse gases (CO ₂ , CH ₄ and NO _x) and dissolved organic matter composition in a shallow estuary. <i>Science of the Total Environment</i> , 2021 , 788, 147863	10.2	4
8	Accumulation of phosphorus in coastal marine sediments: relationship to benthic and diffusive fluxes. <i>Scientia Marina</i> , 2010 , 74, 115-124	1.8	3
7	Tidal transport of inorganic carbon and nutrients in a coastal salt marsh (Bay of Cádiz, SW Spain). <i>Ciencias Marinas</i> , 2003 , 29, 469-481	1.7	3
6	Ocean-Atmosphere CO ₂ Fluxes in the North Atlantic Subtropical Gyre: Association with Biochemical and Physical Factors during Spring. <i>Journal of Marine Science and Engineering</i> , 2015 , 3, 891-905	2.4	1
5	Inorganic carbon fluxes at the water-sediment interface in five littoral systems in Spain (southern Europe). <i>Hydrobiologia</i> , 2002 , 469, 109-116	2.4	1
4	"Greenhouse gas dynamics in a coastal lagoon during the recovery of the macrophyte meadow (Mar Menor, SE Spain)". <i>Science of the Total Environment</i> , 2021 , 779, 146314	10.2	1
3	Dynamic of CO ₂ , CH ₄ and NO _x in the Guadalquivir estuary. <i>Science of the Total Environment</i> , 2022 , 805, 1501932	10.2	0
2	Biogeochemistry of surface sediments in mud volcanoes of the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2021 , 41, 1	1.9	
1	Aragonite saturation state in a continental shelf (Gulf of Cádiz, SW Iberian Peninsula): Evidences of acidification in the coastal area. <i>Science of the Total Environment</i> , 2021 , 787, 147858	10.2	