

# Teodora Ortega DÃ-az

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5269588/publications.pdf>

Version: 2024-02-01

32  
papers

595  
citations

687363

13  
h-index

610901

24  
g-index

33  
all docs

33  
docs citations

33  
times ranked

593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic of CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> O in the Guadalquivir estuary. Science of the Total Environment, 2022, 805, 150193.	8.0	13
2	Biogeochemistry of surface sediments in mud volcanoes of the Gulf of Cádiz. Geo-Marine Letters, 2021, 41, 1.	1.1	1
3	Greenhouse gas dynamics in a coastal lagoon during the recovery of the macrophyte meadow (Mar Tj ETQq1 1 0.784314 rgBT /0	8.0	4
4	Aragonite saturation state in a continental shelf (Gulf of Cádiz, SW Iberian Peninsula): Evidences of acidification in the coastal area. Science of the Total Environment, 2021, 787, 147858.	8.0	3
5	Linkages between greenhouse gases (CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> O) and dissolved organic matter composition in a shallow estuary. Science of the Total Environment, 2021, 788, 147863.	8.0	43
6	Factors controlling the variability and emissions of greenhouse gases (CO <sub>2</sub> , CH <sub>4</sub> and N <sub>2</sub> O) in three estuaries of the Southern Iberian Atlantic Basin during July 2017. Marine Chemistry, 2020, 226, 103867.	2.3	15
7	Methane dynamics in the coastal " Continental shelf transition zone of the Gulf of Cadiz. Estuarine, Coastal and Shelf Science, 2020, 236, 106653.	2.1	11
8	CO <sub>2</sub> variability in the surface waters of the eastern Gulf of Cádiz (SW Iberian Peninsula). Ocean Science, 2019, 15, 1225-1245.	3.4	8
9	Preface. Science of the Total Environment, 2018, 628-629, 441-442.	8.0	0
10	Seasonal variation of early diagenesis and greenhouse gas production in coastal sediments of Cadiz Bay: Influence of anthropogenic activities. Estuarine, Coastal and Shelf Science, 2018, 200, 99-115.	2.1	10
11	Carbon Dioxide and Methane Dynamics in Three Coastal Systems of Cadiz Bay (SW Spain). Estuaries and Coasts, 2018, 41, 1069-1088.	2.2	14
12	Distribution of N <sub>2</sub> O in the eastern shelf of the Gulf of Cadiz (SW Iberian Peninsula). Science of the Total Environment, 2017, 593-594, 796-808.	8.0	14
13	Spatial and seasonal variability of CH <sub>4</sub> in the eastern Gulf of Cadiz (SW Iberian Peninsula). Science of the Total Environment, 2017, 590-591, 695-707.	8.0	18
14	Temporal and spatial variation of N <sub>2</sub> O production from estuarine and marine shallow systems of Cadiz Bay (SW, Spain). Science of the Total Environment, 2017, 607-608, 141-151.	8.0	14
15	Ocean-Atmosphere CO <sub>2</sub> Fluxes in the North Atlantic Subtropical Gyre: Association with Biochemical and Physical Factors during Spring. Journal of Marine Science and Engineering, 2015, 3, 891-905.	2.6	1
16	Anthropogenic effects on greenhouse gas (CH <sub>4</sub> and N <sub>2</sub> O) emissions in the Guadalete River Estuary (SW Tj ETQq0 0.0 rgBT /Overlock 1	8.0	68
17	Nitrous oxide distribution in the north-eastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). Marine Chemistry, 2010, 119, 22-32.	2.3	17
18	Temporal and spatial variability of methane in the north-eastern shelf of the Gulf of Cádiz (SW Iberian) Tj ETQq0 0.0 rgBT /Overlock 10	1.6	13

#	ARTICLE	IF	CITATIONS
19	Accumulation of phosphorus in coastal marine sediments: relationship to benthic and diffusive fluxes. Scientia Marina, 2010, 74, 115-124.	0.6	4
20	Benthic fluxes in a tidal salt marsh creek affected by fish farm activities: R��o San Pedro (Bay of C��diz,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 40	2.3	42
21	Benthic nutrient recycling on the northeastern shelf of the Gulf of C��diz (SW Iberian Peninsula). Marine Ecology - Progress Series, 2009, 390, 79-95.	1.9	23
22	Benthic respiration on the northeastern shelf of the Gulf of C��diz (SW Iberian Peninsula). Marine Ecology - Progress Series, 2009, 392, 69-80.	1.9	29
23	Benthic fluxes of dissolved inorganic carbon in the Tinto��Odiel system (SW of Spain). Continental Shelf Research, 2008, 28, 458-469.	1.8	11
24	Hydrodynamic characterization and performance of an autonomous benthic chamber for use in coastal systems. Limnology and Oceanography: Methods, 2008, 6, 558-571.	2.0	15
25	Seasonal study of dissolved CH4, CO2 and N2O in a shallow tidal system of the bay of C��diz (SW) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 40	2.1	94
26	Fluxes of dissolved inorganic carbon in three estuarine systems of the Cantabrian Sea (north of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 40	2.1	39
27	Benthic fluxes of inorganic carbon in shallow coastal ecosystems of the Iberian Peninsula. Marine Chemistry, 2004, 85, 141-156.	2.3	45
28	Using a laboratory simulator in the teaching and study of chemical processes in estuarine systems. Computers and Education, 2004, 43, 81-90.	8.3	10
29	Tidal transport of inorganic carbon and nutrients in a coastal salt marsh (Bay of C��diz, SW Spain). Ciencias Marinas, 2003, 29, 469-481.	0.4	3
30	Title is missing!. Hydrobiologia, 2002, 469, 109-116.	2.0	2
31	Teaching Estuarine Chemical Processes by Laboratory Simulation. Journal of Chemical Education, 2001, 78, 771.	2.3	5
32	Influence of benthic regeneration on the biogeochemical cycle of co2 in littoral ecosystems. Ciencias Marinas, 2001, 27, 311-333.	0.4	6