Josep Coca

List of Publications by Year in descending order

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32 papers	643 citations	567281 15 h-index	610901 24 g-index
34 all docs	34 docs citations	34 times ranked	1087 citing authors

#	Article	IF	Citations
1	Patterns of landscape and assemblage structure along a latitudinal gradient in ocean climate. Marine Ecology - Progress Series, 2012, 466, 9-19.	1.9	83
2	Bloom of the marine diazotrophic cyanobacterium Trichodesmium erythraeum in the Northwest African Upwelling. Marine Ecology - Progress Series, 2005, 301, 303-305.	1.9	65
3	Decadal changes in the structure of Cymodocea nodosa seagrass meadows: Natural vs. human influences. Estuarine, Coastal and Shelf Science, 2014, 137, 41-49.	2.1	53
4	Climate modulates the effects of Sardinella aurita fisheries off Northwest Africa. Fisheries Research, 2008, 89, 65-75.	1.7	46
5	Age, growth, reproduction and mortality of the striped seabream, Lithognathus mormyrus (Pisces,) Tj ETQq1 1 0.784314 rgBT /Overlo 204-209.	0.7	37
6	Lagrangian coherent structure assisted path planning for transoceanic autonomous underwater vehicle missions. Scientific Reports, 2018, 8, 4575.	3.3	35
7	Trends in Primary Production in the Canary Current Upwelling Systemâ€"A Regional Perspective Comparing Remote Sensing Models. Frontiers in Marine Science, 2017, 4, .	2.5	33
8	A dynamical systems perspective for a real-time response to a marine oil spill. Marine Pollution Bulletin, 2016, 112, 201-210.	5.0	29
9	Path planning for gliders using Regional Ocean Models: Application of Pinzón path planner with the ESEOAT model and the RU27 trans-Atlantic flight data. , 2010, , .		28
10	Coastal Altimetry Products in the Strait of Gibraltar. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5455-5466.	6.3	26
11	Aspects of the Life History of the Salema, Sarpa salpa (Pisces, Sparidae), off the Canarian Archipelago (Central-East Atlantic). Environmental Biology of Fishes, 2002, 63, 183-192.	1.0	25
12	Validation of CryoSat-2 SIRAL sea level data in the eastern continental shelf of the Gulf of Cadiz (Spain). Advances in Space Research, 2018, 62, 1405-1420.	2.6	21
13	Primary production enhancement in a shallow seamount (Gorringe â€" Northeast Atlantic). Journal of Marine Systems, 2016, 164, 13-29.	2.1	19
14	Coastal Resources Exploitation can Mask Bottomâ€"up Mesoscale Regulation of Intertidal Populations. Hydrobiologia, 2006, 553, 337-344.	2.0	18
15	Extralimital Senegalese species during Marine Isotope Stages 5.5 and 11 in the Canary Islands (29Â° N): Sea surface temperature estimates. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 410, 153-163.	2.3	18
16	Determination of age and growth of the striped seabream <i>Lithognathus mormyrus</i> (Sparidae), in the Canary archipelago by otolith readings and backcalculation. Scientia Marina, 2002, 66, 27-32.	0.6	18
17	Remote sensing of the El Hierro submarine volcanic eruption plume. International Journal of Remote Sensing, 2014, 35, 6573-6598.	2.9	16
18	Lack of impact of the El Hierro (Canary Islands) submarine volcanic eruption on the local phytoplankton community. Scientific Reports, 2018, 8, 4667.	3.3	13

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19	Effects of loss of algal canopies along temperature and irradiation gradients in continental Portugal and the Canary Islands. Marine Ecology - Progress Series, 2014, 506, 47-60.	1.9	11
20	Mid and Late Holocene sea level variations in the Canary Islands. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 507, 214-225.	2.3	11
21	Geographical Range Extension of the Spotfin burrfish, Chilomycterus reticulatus (L. 1758), in the Canary Islands: A Response to Ocean Warming?. Diversity, 2019, 11, 230.	1.7	7
22	Structured pathways in the turbulence organizing recent oil spill events in the Eastern Mediterranean. Scientific Reports, 2022, 12, 3662.	3.3	7
23	Detection and Characterization of Ship Targets Using CryoSat-2 Altimeter Waveforms. Remote Sensing, 2016, 8, 193.	4.0	6
24	Very High Resolution Tools for the Monitoring and Assessment of Environmental Hazards in Coastal Areas. Frontiers in Marine Science, 2021, 7, .	2.5	6
25	Widespread demographic explosion of a non-indigenous hydrozoan on an oceanic island. Scientia Marina, 2020, 84, .	0.6	6
26	Satellite-Derived ERS scatterometer sea-surface wind-stress curl in the southwestern Indian Ocean. Comptes Rendus - Geoscience, 2006, 338, 206-213.	1.2	4
27	Short-term changes in the northwest African Upwelling System induced by Saharan dust deposition events. IOP Conference Series: Earth and Environmental Science, 2009, 7, 012019.	0.3	1
28	Metabolic Responses of Subtropical Microplankton After a Simulated Deep-Water Upwelling Event Suggest a Possible Dominance of Mixotrophy Under Increasing CO2 Levels. Frontiers in Marine Science, 2020, 7, .	2.5	1
29	Relationships between satellite-derived oceanic events and the albacore tuna (Thunnus alalunga,) Tj ETQq1 1 0.784314 rgBT /Overloc		0
30	Saharan dust-induced chlorophyll blooms in the northwest African upwelling. , 2008, , .		0
31	From ENVISAT RA-2 to CRYOSAT SIRAL: validation of altimeter products near the coast (the ALCOVA) Tj ETQq1 1 0.784314 rgBT /Ove		0
32	Mesoscale Dynamics in the Canary Islands Area as Observed Through Complementary Remote Sensing Techniques. , 2014, , 97-118.		0