Concepcion Marcos

List of Publications by Year
in descending order

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63 papers	3,523 citations	109311 35 h-index	144002 57 g-index
69 all docs	69 docs citations	69 times ranked	3579 citing authors

#	Article	IF	Citations
1	Nutrient overload promotes the transition from top-down to bottom-up control and triggers dystrophic crises in a Mediterranean coastal lagoon. Science of the Total Environment, 2022, 846, 157388.	8.0	14
2	Reviewing the Ecosystem Services, Societal Goods, and Benefits of Marine Protected Areas. Frontiers in Marine Science, 2021, 8, .	2.5	27
3	Larger scyphozoan species dwelling in temperate, shallow waters show higher blooming potential. Marine Pollution Bulletin, 2021, 173, 113100.	5.0	8
4	Can an oligotrophic coastal lagoon support high biological productivity? Sources and pathways of primary production. Marine Environmental Research, 2020, 153, 104824.	2.5	22
5	Population dynamics and growth in three scyphozoan jellyfishes, and their relationship with environmental conditions in a coastal lagoon. Estuarine, Coastal and Shelf Science, 2020, 243, 106901.	2.1	16
6	Modelling the impact of dredging inlets on the salinity and temperature regimes in coastal lagoons. Ocean and Coastal Management, 2019, 180, 104913.	4.4	16
7	Coastal Lagoons: Environmental Variability, Ecosystem Complexity, and Goods and Services Uniformity. , 2019, , 253-276.		33
8	Long-Term Dynamic in Nutrients, Chlorophyll a, and Water Quality Parameters in a Coastal Lagoon During a Process of Eutrophication for Decades, a Sudden Break and a Relatively Rapid Recovery. Frontiers in Marine Science, 2019, 6, .	2.5	88
9	Long-Distance Benefits of Marine Reserves: Myth or Reality?. Trends in Ecology and Evolution, 2019, 34, 342-354.	8.7	50
10	Vindicating the biological and socioeconomic importance of coastal lagoons and transitional waters. Estuarine, Coastal and Shelf Science, 2019, 216, 1-3.	2.1	7
11	Connectivity between coastal lagoons and sea: Asymmetrical effects on assemblages' and populations' structure. Estuarine, Coastal and Shelf Science, 2019, 216, 171-186.	2.1	47
12	From fish physiology to ecosystems management: Keys for moving through biological levels of organization in detecting environmental changes and anticipate their consequences. Ecological Indicators, 2018, 90, 334-345.	6.3	19
13	Ecosystem services and main environmental risks in a coastal lagoon (Mar Menor, Murcia, SE Spain): The public perception. Journal for Nature Conservation, 2018, 43, 180-189.	1.8	68
14	Assessing the Hydrodynamic Response of the Mar Menor Lagoon to Dredging Inlets Interventions through Numerical Modelling. Water (Switzerland), 2018, 10, 959.	2.7	35
15	North East Atlantic vs. Mediterranean Marine Protected Areas as Fisheries Management Tool. Frontiers in Marine Science, 2017, 4, .	2.5	25
16	Extreme storms during the last 6500 years from lagoonal sedimentary archives in the Mar Menor (SE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.4	30
17	The influence of environmental variability of a coastal lagoon ecosystem on genetic diversity and structure of white seabream [<scp>D</scp>iplodus sargus (<scp>L</scp>innaeus 1758)] populations. Marine Ecology, 2015, 36, 1144-1154.	1.1	5
18	Long term evolution of fisheries in a coastal lagoon related to changes in lagoon ecology and human pressures. Reviews in Fish Biology and Fisheries, 2015, 25, 689-713.	4.9	31

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19	Connectivity in Three European Coastal Lagoons. Estuaries and Coasts, 2015, 38, 1764-1781.	2.2	41
20	Living in a coastal lagoon environment: Photosynthetic and biochemical mechanisms of key marine macroalgae. Marine Environmental Research, 2014, 101, 8-21.	2.5	7
21	Are coastal lagoons physically or biologically controlled ecosystems? Revisiting r vs. K strategies in coastal lagoons and estuaries. Estuarine, Coastal and Shelf Science, 2013, 132, 17-33.	2.1	37
22	Small-scale genetic structure of Cerastoderma glaucum in a lagoonal environment: potential significance of habitat discontinuity and unstable population dynamics. Journal of Molluscan Studies, 2013, 79, 230-240.	1.2	20
23	Assessment of fish assemblages in coastal lagoon habitats: Effect of sampling method. Estuarine, Coastal and Shelf Science, 2012, 112, 115-125.	2.1	54
24	Suitability of benthic macrophyte indices (EEI, E-MaQI and BENTHOS) for detecting anthropogenic pressures in a Mediterranean coastal lagoon (Mar Menor, Spain). Ecological Indicators, 2012, 19, 48-60.	6.3	17
25	Climate change response of the Mar Menor coastal lagoon (Spain) using a hydrodynamic finite element model. Estuarine, Coastal and Shelf Science, 2012, 114, 118-129.	2.1	63
26	Cymodocea nodosa vs. Caulerpa prolifera: Causes and consequences of a long term history of interaction in macrophyte meadows in the Mar Menor coastal lagoon (Spain, southwestern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 T	2.1	50
27	Fisheries in coastal lagoons: An assumed but poorly researched aspect of the ecology and functioning of coastal lagoons. Estuarine, Coastal and Shelf Science, 2012, 110, 15-31.	2.1	77
28	Physiological response and photoacclimation capacity of Caulerpa prolifera (ForsskÃ¥l) J.V. Lamouroux and Cymodocea nodosa (Ucria) Ascherson meadows in the Mar Menor lagoon (SE Spain). Marine Environmental Research, 2012, 79, 37-47.	2.5	39
29	Mediterranean coastal lagoons in an ecosystem and aquatic resources management context. Physics and Chemistry of the Earth, 2011, 36, 160-166.	2.9	121
30	Effects of no-take area size and age of marine protected areas on fisheries yields: a meta-analytical approach. Fish and Fisheries, 2011, 12, 412-426.	5.3	104
31	Phylogeography of the Atlantoâ€Mediterranean sea cucumber Holothuria (Holothuria) mammata: the combined effects of historical processes and current oceanographical pattern. Molecular Ecology, 2011, 20, 1964-1975.	3.9	69
32	Coastal lagoons: â€œtransitional ecosystemsâ€•between transitional and coastal waters. Journal of Coastal Conservation, 2011, 15, 369-392.	1.6	157
33	Genetic diversity and connectivity remain high in Holothuria polii (Delle Chiaje 1823) across a coastal lagoon-open sea environmental gradient. Genetica, 2010, 138, 895-906.	1.1	41
34	Connectivity patterns inferred from the genetic structure of white seabream (Diplodus sargus L.). Journal of Experimental Marine Biology and Ecology, 2010, 383, 23-31.	1.5	33
35	Molecular systematics of the genus Holothuria in the Mediterranean and Northeastern Atlantic and a molecular clock for the diversification of the Holothuriidae (Echinodermata: Holothuroidea). Molecular Phylogenetics and Evolution, 2010, 57, 899-906.	2.7	35
36	High gene flow promotes the genetic homogeneity of the fish goby Pomatoschistus marmoratus (Risso, 1810) from Mar Menor coastal lagoon and adjacent marine waters (Spain). Marine Ecology, 2010, 31, 270-275.	1.1	15

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37	Remote sensing of underwater vegetation using single-beam acoustics. ICES Journal of Marine Science, 2010, 67, 594-605.	2.5	23
38	Phosphoglucose isomerase variability of Cerastoderma glaucum as a model for testing the influence of environmental conditions and dispersal patterns through quantitative ecology approaches. Biochemical Systematics and Ecology, 2009, 37, 325-333.	1.3	25
39	The taxonomic status of some Atlanto-Mediterranean species in the subgenusHolothuria(Echinodermata: Holothuroidea: Holothuriidae) based on molecular evidence. Zoological Journal of the Linnean Society, 2009, 157, 51-69.	2.3	26
40	Ecological indices tracking distinct impacts along disturbance-recovery gradients in a temperate NE Atlantic Estuary â€“ Guidance on reference values. Estuarine, Coastal and Shelf Science, 2008, 80, 130-140.	2.1	41
41	Modelling spatial and temporal scales for spill-over and biomass exportation from MPAs and their potential for fisheries enhancement. Journal for Nature Conservation, 2008, 16, 234-255.	1.8	48
42	Uses of ecosystem services provided by MPAs: How much do they impact the local economy? A southern Europe perspective. Journal for Nature Conservation, 2008, 16, 256-270.	1.8	53
43	Effectiveness of European Atlanto-Mediterranean MPAs: Do they accomplish the expected effects on populations, communities and ecosystems?. Journal for Nature Conservation, 2008, 16, 193-221.	1.8	143
44	Differences in spatial and seasonal patterns of macrophyte assemblages between a coastal lagoon and the open sea. Marine Environmental Research, 2008, 65, 291-314.	2.5	43
45	Coastal Lagoons in the Context of Water Management in Spain and Europe. NATO Security Through Science Series C: Environmental Security, 2008, , 299-321.	0.1	6
46	Applicability of the trophic index TRIX in two transitional ecosystems: the Mar Menor lagoon (Spain) and the Mondego estuary (Portugal). ICES Journal of Marine Science, 2008, 65, 1442-1448.	2.5	32
47	Detecting changes resulting from human pressure in a naturally quick-changing and heterogeneous environment: Spatial and temporal scales of variability in coastal lagoons. Estuarine, Coastal and Shelf Science, 2007, 75, 175-188.	2.1	89
48	A baited underwater video technique to assess shallow-water Mediterranean fish assemblages: Methodological evaluation. Journal of Experimental Marine Biology and Ecology, 2007, 345, 158-174.	1.5	110
49	Hydrographic, geomorphologic and fish assemblage relationships in coastal lagoons. Hydrobiologia, 2007, 577, 107-125.	2.0	76
50	Temporal genetic variation in populations of Diplodus sargus from the SW Mediterranean Sea. Marine Ecology - Progress Series, 2007, 334, 237-244.	1.9	28
51	Effects of fishing protection on the genetic structure of fish populations. Biological Conservation, 2006, 129, 244-255.	4.1	91
52	Genetic differentiation and gene flow of two sparidae subspecies, Diplodus sargus sargus and Diplodus sargus cadenati in Atlantic and south-west Mediterranean populations. Biological Journal of the Linnean Society, 2006, 89, 705-717.	1.6	12
53	User-friendly guide for using benthic ecological indicators in coastal and marine quality assessment. Ocean and Coastal Management, 2006, 49, 308-331.	4.4	140
54	Are taxonomic distinctness measures compliant to other ecological indicators in assessing ecological status?. Marine Pollution Bulletin, 2006, 52, 162-174.	5.0	27

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55	Changes in benthic fish assemblages as a consequence of coastal works in a coastal lagoon: The Mar Menor (Spain, Western Mediterranean). Marine Pollution Bulletin, 2006, 53, 107-120.	5.0	111
56	Are Taxonomic Distinctness measures compliant to other ecological indicators in assessing ecological status?. Marine Pollution Bulletin, 2006, 52, 817-829.	5.0	35
57	Application of the exergy index as ecological indicator of organically enrichment areas in the Mar Menor lagoon (south-eastern Spain). Energy, 2005, 30, 2505-2522.	8.8	29
58	Spatial and temporal variations of hydrological conditions, nutrients and chlorophyllÂa in a Mediterranean coastal lagoon (Mar Menor, Spain). Hydrobiologia, 2005, 550, 11-27.	2.0	150
59	Genetic differentiation of Diplodus sargus (Pisces: Sparidae) populations in the south-west Mediterranean. Biological Journal of the Linnean Society, 2004, 82, 249-261.	1.6	35
60	Composition, structure and distribution of the ichthyoplankton in a Mediterranean coastal lagoon. Journal of Fish Biology, 2004, 64, 202-218.	1.6	91
61	Title is missing!. Hydrobiologia, 2002, 475/476, 359-369.	2.0	117
62	Evaluating the ecological effects of Mediterranean marine protected areas: habitat, scale and the natural variability of ecosystems. Environmental Conservation, 2000, 27, 159-178.	1.3	97
63	Presence of Pesticides throughout Trophic Compartments of the Food Web in the Mar Menor Lagoon (SE Spain). Marine Pollution Bulletin, 2000, 40, 140-151.	5.0	82