

Andres Cozar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

3,965

citations

26

h-index

62

g-index

68

ext. papers

5,068

ext. citations

5.2

avg, IF

5.2

L-index

#	Paper	IF	Citations
63	Drivers for spatial modelling of a critically endangered seabird on a dynamic ocean area: Balearic shearwaters are non-vegetarian. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021 , 31, 1700-1714 ¹	22.1	34
62	Floating macrolitter leaked from Europe into the ocean. <i>Nature Sustainability</i> , 2021 , 4, 474-483	22.1	39
61	An inshore-offshore sorting system revealed from global classification of ocean litter. <i>Nature Sustainability</i> , 2021 , 4, 484-493	3.5	7
60	Towards Underwater Macroplastic Monitoring Using Echo Sounding. <i>Frontiers in Earth Science</i> , 2021 , 9,	4.5	10
59	Marine Litter Windrows: A Strategic Target to Understand and Manage the Ocean Plastic Pollution. <i>Frontiers in Marine Science</i> , 2021 , 8,		14
58	A multilevel dataset of microplastic abundance in the world's upper ocean and the Laurentian Great Lakes. <i>Microplastics and Nanoplastics</i> , 2021 , 1,	6.7	6
57	Unravelling spatio-temporal patterns of suspended microplastic concentration in the Natura 2000 Guadalquivir estuary (SW Spain): Observations and model simulations. <i>Marine Pollution Bulletin</i> , 2021 , 170, 112622	4.5	7
56	Litter Windrows in the South-East Coast of the Bay of Biscay: An Ocean Process Enabling Effective Active Fishing for Litter. <i>Frontiers in Marine Science</i> , 2020 , 7,	10.3	47
55	The Colors of the Ocean Plastics. <i>Environmental Science & Technology</i> , 2020 , 54, 6594-6601	6.2	186
54	The physical oceanography of the transport of floating marine debris. <i>Environmental Research Letters</i> , 2020 , 15, 023003	6.7	51
53	An interlaboratory comparison exercise for the determination of microplastics in standard sample bottles. <i>Marine Pollution Bulletin</i> , 2019 , 146, 831-837	6.7	27
52	Surface water circulation develops seasonally changing patterns of floating litter accumulation in the Mediterranean Sea. A modelling approach. <i>Marine Pollution Bulletin</i> , 2019 , 149, 110619	5	45
51	Measuring Marine Plastic Debris from Space: Initial Assessment of Observation Requirements. <i>Remote Sensing</i> , 2019 , 11, 2443		26
50	Macroplastics Pollution in the Marine Environment 2019 , 305-328	8.6	86
49	Characterization of microplastic litter from oceans by an innovative approach based on hyperspectral imaging. <i>Waste Management</i> , 2018 , 76, 117-125	17.4	53
48	Large-scale ocean connectivity and planktonic body size. <i>Nature Communications</i> , 2018 , 9, 142	4.9	14
47	Macroecological patterns of the phytoplankton production of polyunsaturated aldehydes. <i>Scientific Reports</i> , 2018 , 8, 12282		

46	First report on vertical distribution of dissolved polyunsaturated aldehydes in marine coastal waters. <i>Marine Chemistry</i> , 2018 , 204, 1-10	3.7	9
45	The Arctic Ocean as a dead end for floating plastics in the North Atlantic branch of the Thermohaline Circulation. <i>Science Advances</i> , 2017 , 3, e1600582	14.3	298
44	The effects of landscape history and time-lags on plant invasion in Mediterranean coastal habitats. <i>Biological Invasions</i> , 2017 , 19, 549-561	2.7	12
43	Breaking Down the Plastic Age 2017 , 177-181		3
42	Low Abundance of Plastic Fragments in the Surface Waters of the Red Sea. <i>Frontiers in Marine Science</i> , 2017 , 4,	4.5	27
41	The contribution of migratory mesopelagic fishes to neuston fish assemblages across the Atlantic, Indian and Pacific Oceans. <i>Marine and Freshwater Research</i> , 2016 , 67, 1114	2.2	20
40	Changes in the Floating Plastic Pollution of the Mediterranean Sea in Relation to the Distance to Land. <i>PLoS ONE</i> , 2016 , 11, e0161581	3.7	176
39	Organic carbon sedimentation dominates over CO2 emission in two net heterotrophic Mediterranean reservoirs during stratification. <i>Aquatic Sciences</i> , 2016 , 78, 279-290	2.5	2
38	An equation to estimate absolute population density from visual census of mobile animals. <i>Ecological Modelling</i> , 2015 , 303, 105-110	3	3
37	Plastic accumulation in the Mediterranean sea. <i>PLoS ONE</i> , 2015 , 10, e0121762	3.7	412
36	Daily, biweekly, and seasonal temporal scales of pCO2 variability in two stratified Mediterranean reservoirs. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014 , 119, 509-520	3.7	42
35	Potential polyunsaturated aldehydes in the Strait of Gibraltar under two tidal regimes. <i>Marine Drugs</i> , 2014 , 12, 1438-59	6	18
34	Plastic debris in the open ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10239-44	11.5	1509
33	Polyunsaturated aldehydes from large phytoplankton of the Atlantic Ocean surface (42°n to 33°s). <i>Marine Drugs</i> , 2014 , 12, 682-99	6	19
32	Decadal trends and common dynamics of the bio-optical and thermal characteristics of the African Great Lakes. <i>PLoS ONE</i> , 2014 , 9, e93656	3.7	13
31	Remote Sensing of African Lakes: A Review 2014 , 403-422		1
30	Planktonic community metabolism in two stratified Mediterranean reservoirs with different trophic status. <i>Aquatic Ecosystem Health and Management</i> , 2013 , 16, 183-189	1.4	6
29	Potential effects of climate change on the water level, flora and macro-fauna of a large neotropical wetland. <i>PLoS ONE</i> , 2013 , 8, e67787	3.7	13

28	Basin-scale control on the phytoplankton biomass in Lake Victoria, Africa. <i>PLoS ONE</i> , 2012 , 7, e29962	3.7	23
27	Vegetation diversity in a large Neotropical wetland during two different climatic scenarios. <i>Biodiversity and Conservation</i> , 2011 , 20, 2007-2025	3.4	10
26	Assessing the optical changes in dissolved organic matter in humic lakes by spectral slope distributions. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011 , 102, 132-9	6.7	32
25	Spatial dynamics of chromophoric dissolved organic matter in nearshore waters of Lake Victoria. <i>Aquatic Ecosystem Health and Management</i> , 2010 , 13, 185-195	1.4	10
24	Invasiveness of <i>Galenia pubescens</i> (Aizoaceae): A new threat to Mediterranean-climate coastal ecosystems. <i>Acta Oecologica</i> , 2010 , 36, 39-45	1.7	7
23	Variability in photobleaching yields and their related impacts on optical conditions in subtropical lakes. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2009 , 95, 129-37	6.7	35
22	The optical characterization of chromophoric dissolved organic matter using wavelength distribution of absorption spectral slopes. <i>Limnology and Oceanography</i> , 2009 , 54, 590-597	4.8	103
21	Variability in factors causing light attenuation in Lake Victoria. <i>Freshwater Biology</i> , 2008 , 53, 535-545	3.1	44
20	Structuring pelagic trophic networks from the biomass size spectra. <i>Ecological Modelling</i> , 2008 , 215, 3143-324	3.24	9
19	Light limitations to algal growth in tropical ecosystems. <i>Freshwater Biology</i> , 2007 , 52, 305-312	3.1	13
18	Examining the dynamics of phytoplankton biomass in Lake Tanganyika using Empirical Orthogonal Functions. <i>Ecological Modelling</i> , 2007 , 204, 156-162	3	20
17	Relationships between wetland ecotones and inshore water quality in the Ugandan coast of Lake Victoria. <i>Wetlands Ecology and Management</i> , 2007 , 15, 499-507	2.1	14
16	The optical qualities of shallow wetland lined bays in Lake Victoria. <i>Wetlands Ecology and Management</i> , 2007 , 15, 509-519	2.1	4
15	The role of wetlands in the chromophoric dissolved organic matter release and its relation to aquatic ecosystems optical properties. A case of study: Katonga and Bunjako Bays (Victoria Lake; Uganda). <i>Chemosphere</i> , 2006 , 63, 1170-8	8.4	17
14	Distribution of TEP in the euphotic and upper mesopelagic zones of the southern Iberian coasts. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006 , 53, 1314-1328	2.3	37
13	Tools for Wetland Ecosystem Resource Management in East Africa: Focus on the Lake Victoria Papyrus Wetlands. <i>Ecological Studies</i> , 2006 , 97-121	1.1	6
12	Sediment resuspension by wind in a shallow lake of Esteros del Iberá (Argentina): a model based on turbidimetry. <i>Ecological Modelling</i> , 2005 , 186, 63-76	3	64
11	Remote sensing imagery analysis of the lacustrine system of Iberá wetland (Argentina). <i>Ecological Modelling</i> , 2005 , 186, 29-41	3	32

10	Modelling the components of the vertical attenuation of ultraviolet radiation in a wetland lake ecosystem. <i>Ecological Modelling</i> , 2005 , 186, 43-54	3	10
9	Human-threatened ecosystem: new signs of groundwater connection between Yacyreta reservoir and Ibera wetland (South America). <i>Science of the Total Environment</i> , 2005 , 337, 281-6	10.2	2
8	Extensive spatial analysis of the light environment in a subtropical shallow lake, Laguna Iberá Argentina. <i>Hydrobiologia</i> , 2005 , 534, 181-191	2.4	12
7	Size structure of the planktonic community in microcosms with different levels of turbulence. <i>Scientia Marina</i> , 2005 , 69, 187-197	1.8	24
6	Characterization of the Ugandan inshore waters of Lake Victoria based on temperature-conductivity diagrams. <i>Water Resources Research</i> , 2004 , 40,	5.4	4
5	Analysis of extinction in ultraviolet and visible spectra of water bodies of the Paraguay and Brazil wetlands. <i>Chemosphere</i> , 2004 , 57, 1245-55	8.4	16
4	The spatial distribution of optical properties in the ultraviolet and visible in an aquatic ecosystem. <i>Photochemistry and Photobiology</i> , 2004 , 80, 139-49	3.6	29
3	Analysis of plankton size spectra irregularities in two subtropical shallow lakes (Esteros del Iberá Argentina). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2003 , 60, 411-420	2.4	25
2	The boiling-water phenomena at Camarinal Sill, the strait of Gibraltar. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002 , 49, 4097-4113	2.3	60
1	PhysicalBiological coupling in the Strait of Gibraltar. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002 , 49, 4115-4130	2.3	65