

Cristina Sobrino

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,106
citations

279798

23
h-index

243625

44
g-index

56
all docs

56
docs citations

56
times ranked

2986
citing authors

#	ARTICLE	IF	CITATIONS
1	Penetration of Ultraviolet-B Radiation in Oligotrophic Regions of the Oceans During the Malaspina 2010 Expedition. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	3
2	Bacterioplankton dynamics driven by interannual and spatial variation in diatom and dinoflagellate spring bloom communities in the Baltic Sea. <i>Limnology and Oceanography</i> , 2021, 66, 255-271.	3.1	13
3	Evaluation of actin as a reference for quantitative gene expression studies in <i>Emiliana huxleyi</i> (Prymnesiophyceae) under ocean acidification conditions. <i>Phycologia</i> , 2021, 60, 148-157.	1.4	3
4	Risk of Severe COVID-19 Infection in Patients With Inflammatory Rheumatic Diseases. <i>Journal of Rheumatology</i> , 2021, 48, 1098-1102.	2.0	48
5	Prevalence of low bone mass in individuals with HIV infection. <i>Medicina Clínica (English Edition)</i> , 2021, 157, 234-237.	0.2	0
6	Patterns and Drivers of UV Absorbing Chromophoric Dissolved Organic Matter in the Euphotic Layer of the Open Ocean. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	15
7	Effects of elevated CO ₂ on growth, calcification, and spectral dependence of photoinhibition in the coccolithophore <i>Emiliana huxleyi</i> (Prymnesiophyceae). <i>Journal of Phycology</i> , 2019, 55, 775-788.	2.3	6
8	Primary production, carbon release, and respiration during spring bloom in the Baltic Sea. <i>Limnology and Oceanography</i> , 2019, 64, 1779.	3.1	12
9	Multi-model remote sensing assessment of primary production in the subtropical gyres. <i>Journal of Marine Systems</i> , 2019, 196, 97-106.	2.1	13
10	Effects of elevated CO ₂ and phytoplankton-derived organic matter on the metabolism of bacterial communities from coastal waters. <i>Biogeosciences</i> , 2018, 15, 6927-6940.	3.3	3
11	Response of phytoplankton to enhanced atmospheric and riverine nutrient inputs in a coastal upwelling embayment. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 210, 132-141.	2.1	14
12	Shifts in phytoplankton community structure modify bacterial production, abundance and community composition. <i>Aquatic Microbial Ecology</i> , 2018, 81, 149-170.	1.8	49
13	A global compilation of coccolithophore calcification rates. <i>Earth System Science Data</i> , 2018, 10, 1859-1876.	9.9	18
14	Divinyl chlorophyll <i>a</i> in the marine eukaryotic protist <i>Alexandrium ostenfeldii</i> (Dinophyceae). <i>Environmental Microbiology</i> , 2016, 18, 627-643.	3.8	15
15	Coccolithophore calcification is independent of carbonate chemistry in the tropical ocean. <i>Limnology and Oceanography</i> , 2016, 61, 1345-1357.	3.1	19
16	Bacterioplankton responses to riverine and atmospheric inputs in a coastal upwelling system (RÅa de Tj ETQq0 0 0,rgBT /Overlock 10 T	1.9	10
17	Surface distribution of dissolved trace metals in the oligotrophic ocean and their influence on phytoplankton biomass and productivity. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1763-1781.	4.9	44
18	Effect of solar UVR on the production of particulate and dissolved organic carbon from phytoplankton assemblages in the Indian Ocean. <i>Marine Ecology - Progress Series</i> , 2015, 535, 47-61.	1.9	7

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19	Photosynthesis and respiration in marine phytoplankton: Relationship with cell size, taxonomic affiliation, and growth phase. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 457, 151-159.	1.5	63
20	Effect of CO ₂ , nutrients and light on coastal plankton. III. Trophic cascade, size structure and composition. <i>Aquatic Biology</i> , 2014, 22, 59-76.	1.4	25
21	Effect of CO ₂ , nutrients and light on coastal plankton. I. Abiotic conditions and biological responses. <i>Aquatic Biology</i> , 2014, 22, 25-41.	1.4	27
22	Effect of CO ₂ , nutrients and light on coastal plankton. IV. Physiological responses. <i>Aquatic Biology</i> , 2014, 22, 77-93.	1.4	26
23	Effect of CO ₂ , nutrients and light on coastal plankton. II. Metabolic rates. <i>Aquatic Biology</i> , 2014, 22, 43-57.	1.4	20
24	Factors controlling phytoplankton physiological state around the South Shetland Islands (Antarctica). <i>Marine Ecology - Progress Series</i> , 2014, 498, 55-71.	1.9	13
25	Coupling between upper ocean layer variability and size-fractionated phytoplankton in a non-nutrient-limited environment. <i>Marine Ecology - Progress Series</i> , 2014, 499, 35-46.	1.9	24
26	Unimodal size scaling of phytoplankton growth and the size dependence of nutrient uptake and use. <i>Ecology Letters</i> , 2013, 16, 371-379.	6.4	297
27	Response of macroalgal assemblages from rockpools to climate change: effects of persistent increase in temperature and CO ₂ . <i>Oikos</i> , 2013, 122, 1065-1079.	2.7	50
28	Picophytoplankton and carbon cycle on the northeastern shelf of the Gulf of Cádiz (SW Iberian) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 3	0.6	4
29	Vertical mixing and the effects of solar radiation on photosystem II electron transport by phytoplankton in the Ross Sea Polynya. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 63, 118-132.	1.4	10
30	Primary production and bacterial carbon metabolism around South Shetland Islands in the Southern Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 69, 70-81.	1.4	23
31	Phytoplankton photosynthetic response to solar ultraviolet irradiance in the Ross Sea Polynya: Development and evaluation of a time-dependent model with limited repair. <i>Limnology and Oceanography</i> , 2012, 57, 1602-1618.	3.1	15
32	Molecular Response to Ultraviolet Radiation Exposure in Fish Embryos: Implications for Survival and Morphological Development. <i>Photochemistry and Photobiology</i> , 2012, 88, 701-707.	2.5	18
33	Response of two marine bacterial isolates to high CO ₂ concentration. <i>Marine Ecology - Progress Series</i> , 2012, 453, 27-36.	1.9	48
34	Shellfish Face Uncertain Future in High CO ₂ World: Influence of Acidification on Oyster Larvae Calcification and Growth in Estuaries. <i>PLoS ONE</i> , 2009, 4, e5661.	2.5	282
35	Interactions between the impacts of ultraviolet radiation, elevated CO ₂ , and nutrient limitation on marine primary producers. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 1257-1265.	2.9	101
36	Elevated CO ₂ increases sensitivity to ultraviolet radiation in lacustrine phytoplankton assemblages. <i>Limnology and Oceanography</i> , 2009, 54, 2448-2459.	3.1	37

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37	Inhibition of Phytoplankton and Bacterial Productivity by Solar Radiation in the Ross Sea Polynya. , 2009, , 299-308.		6
38	Acclimation to elevated carbon dioxide and ultraviolet radiation in the diatom <i>Thalassiosira pseudonana</i> : Effects on growth, photosynthesis, and spectral sensitivity of photoinhibition. <i>Limnology and Oceanography</i> , 2008, 53, 494-505.	3.1	117
39	SHORT-TERM AND LONG-TERM EFFECTS OF TEMPERATURE ON PHOTOSYNTHESIS IN THE DIATOM <i>THALASSIOSIRA PSEUDONANA</i> UNDER UVR EXPOSURES. <i>Journal of Phycology</i> , 2007, 43, 426-436.	2.3	74
40	Impact of reservoir filling on phytoplankton succession and cyanobacteria blooms in a temperate estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 74, 31-43.	2.1	34
41	<i>Botryocladia chiajeana</i> and <i>Botryocladia macaronesica</i> sp. nov. (Rhodymeniaceae, Rhodophyta) from the Mediterranean and the eastern Atlantic, with a discussion on the closely related genus <i>Irvinea</i> . <i>Phycologia</i> , 2006, 45, 277-292.	1.4	11
42	Biological weighting function for xanthophyll de-epoxidation induced by ultraviolet radiation. <i>Physiologia Plantarum</i> , 2005, 125, 41-51.	5.2	29
43	Antarctic marine bacterioplankton subpopulations discriminated by their apparent content of nucleic acids differ in their response to ecological factors. <i>Polar Biology</i> , 2005, 29, 27-39.	1.2	34
44	Interaction of UV Radiation and Inorganic Carbon Supply in the Inhibition of Photosynthesis: Spectral and Temporal Responses of Two Marine Picoplankters. <i>Photochemistry and Photobiology</i> , 2005, 81, 384.	2.5	35
45	Interaction of UV Radiation and Inorganic Carbon Supply in the Inhibition of Photosynthesis: Spectral and Temporal Responses of Two Marine Picoplankters. <i>Photochemistry and Photobiology</i> , 2005, 81, 384-393.	2.5	18
46	Effect of UV-A and UV-B on diel patterns of growth and metabolic activity in <i>Nannochloris atomus</i> cultures assessed by flow cytometry. <i>Marine Ecology - Progress Series</i> , 2005, 293, 29-35.	1.9	7
47	UV-B radiation increases cell permeability and damages nitrogen incorporation mechanisms in <i>Nannochloropsis gaditana</i> . <i>Aquatic Sciences</i> , 2004, 66, 421-429.	1.5	46
48	Interaction of UV-Radiation and Inorganic Carbon Supply in the Inhibition of Photosynthesis: Spectral and Temporal Responses of Two Marine Picoplankters. <i>Photochemistry and Photobiology</i> , 2004, 81, 384-93.	2.5	3
49	Occurrence of microcystins along the Guadiana estuary. , 2004, 23, 133-144.		17
50	Vegetative and reproductive morphology of <i>Botryocladia botryoides</i> , <i>B. occidentalis</i> and <i>B. canariensis</i> sp. nov. (Rhodymeniaceae, Rhodophyta) from the Canary Islands. <i>Phycologia</i> , 2003, 42, 138-150.	1.4	10
51	Photoinhibition and recovery after selective short-term exposure to solar radiation of five chlorophyll c-containing marine microalgae. <i>Ciencias Marinas</i> , 2002, 28, 223-236.	0.4	12
52	Acute Toxicity of LAS Homologues in Marine Microalgae: Esterase Activity and Inhibition Growth as Endpoints of Toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2001, 48, 287-292.	6.0	67
53	Quantifying the response of phytoplankton photosynthesis to ultraviolet radiation: Biological weighting functions versus in situ measurements in two Swiss lakes. <i>Aquatic Sciences</i> , 2001, 63, 265-285.	1.5	22
54	<i>Nannochloropsis</i> (Eustigmatophyceae) as source of commercially valuable pigments. <i>Journal of Applied Phycology</i> , 2000, 12, 249-255.	2.8	188