

Sara FerrÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,687
citations

411340

20
h-index

488211

31
g-index

34
all docs

34
docs citations

34
times ranked

2797
citing authors

#	ARTICLE	IF	CITATIONS
1	Viruses affect picocyanobacterial abundance and biogeography in the North Pacific Ocean. <i>Nature Microbiology</i> , 2022, 7, 570-580.	5.9	25
2	Euphotic Zone Metabolism in the North Pacific Subtropical Gyre Based on Oxygen Dynamics. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006744.	1.9	5
3	The Importance of the Phytoplankton "Middle Class" to Ocean Net Community Production. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006702.	1.9	26
4	Anthropogenic Asian aerosols provide Fe to the North Pacific Ocean. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27862-27868.	3.3	54
5	Latitudinal constraints on the abundance and activity of the cyanobacterium UCYN-A and other marine diazotrophs in the North Pacific. <i>Limnology and Oceanography</i> , 2020, 65, 1858-1875.	1.6	40
6	Ka-lauea lava fuels phytoplankton bloom in the North Pacific Ocean. <i>Science</i> , 2019, 365, 1040-1044.	6.0	35
7	Elemental Composition, Phosphorous Uptake, and Characteristics of Growth of a SAR11 Strain in Batch and Continuous Culture. <i>MSystems</i> , 2019, 4, .	1.7	7
8	Size dependence of metabolism within marine picoplankton populations. <i>Limnology and Oceanography</i> , 2019, 64, 1819-1827.	1.6	13
9	The estimation of gross oxygen production and community respiration from autonomous time-series measurements in the oligotrophic ocean. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 650-664.	1.0	17
10	On Factors Influencing Air-Water Gas Exchange in Emergent Wetlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 178-192.	1.3	18
11	An intercomparison of oceanic methane and nitrous oxide measurements. <i>Biogeosciences</i> , 2018, 15, 5891-5907.	1.3	42
12	Production of methane and ethylene from plastic in the environment. <i>PLoS ONE</i> , 2018, 13, e0200574.	1.1	310
13	Interannual Variability of Methane and Nitrous Oxide in the North Pacific Subtropical Gyre. <i>Geophysical Research Letters</i> , 2017, 44, 9885-9892.	1.5	18
14	Coordinated regulation of growth, activity and transcription in natural populations of the unicellular nitrogen-fixing cyanobacterium <i>Crocosphaera</i> . <i>Nature Microbiology</i> , 2017, 2, 17118.	5.9	122
15	Dissolved carbon biogeochemistry and export in mangrove-dominated rivers of the Florida Everglades. <i>Biogeosciences</i> , 2017, 14, 2543-2559.	1.3	45
16	Isolation and Characterization of Bacteria That Degrade Phosphonates in Marine Dissolved Organic Matter. <i>Frontiers in Microbiology</i> , 2017, 8, 1786.	1.5	49
17	Light-Enhanced Microbial Organic Carbon Yield. <i>Frontiers in Microbiology</i> , 2017, 8, 2157.	1.5	9
18	Application of membrane inlet mass spectrometry to measure aquatic gross primary production by the ¹⁸ O in vitro method. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 610-622.	1.0	29

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19	Marine methane paradox explained by bacterial degradation of dissolved organic matter. <i>Nature Geoscience</i> , 2016, 9, 884-887.	5.4	231
20	Metabolic balance in the mixed layer of the oligotrophic North Pacific Ocean from diel changes in O ₂ /Ar saturation ratios. <i>Geophysical Research Letters</i> , 2015, 42, 3421-3430.	1.5	27
21	Short-term variability in euphotic zone biogeochemistry and primary productivity at Station ALOHA: A case study of summer 2012. <i>Global Biogeochemical Cycles</i> , 2015, 29, 1145-1164.	1.9	22
22	Air-water gas exchange and CO ₂ flux in a mangrove-dominated estuary. <i>Geophysical Research Letters</i> , 2014, 41, 108-113.	1.5	51
23	Air-water Fluxes of N ₂ O and CH ₄ during Microalgae (<i>Staurisira</i> sp.) Cultivation in an Open Raceway Pond. <i>Environmental Science & Technology</i> , 2012, 46, 10842-10848.	4.6	45
24	Nitrous oxide distribution in the north-eastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Marine Chemistry</i> , 2010, 119, 22-32.	0.9	17
25	Temporal and spatial variability of methane in the north-eastern shelf of the Gulf of Cádiz (SW Iberian) Tj ETQq1 1 0.784314 rgBT /Over	0.6	13
26	Benthic fluxes in a tidal salt marsh creek affected by fish farm activities: Rão San Pedro (Bay of Cádiz,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	42
27	Benthic nutrient recycling on the northeastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Marine Ecology - Progress Series</i> , 2009, 390, 79-95.	0.9	23
28	Benthic respiration on the northeastern shelf of the Gulf of Cádiz (SW Iberian Peninsula). <i>Marine Ecology - Progress Series</i> , 2009, 392, 69-80.	0.9	29
29	Hydrodynamic characterization and performance of an autonomous benthic chamber for use in coastal systems. <i>Limnology and Oceanography: Methods</i> , 2008, 6, 558-571.	1.0	15
30	Seasonal study of dissolved CH ₄ , CO ₂ and N ₂ O in a shallow tidal system of the bay of Cádiz (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	94
31	Variability of the gas transfer velocity of CO ₂ in a macrotidal estuary (the Scheldt). <i>Estuaries and Coasts</i> , 2004, 27, 593-603.	1.7	205