

Joaquin Trinanes

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

5,815
citations

186265

28
h-index

233421

45
g-index

48
all docs

48
docs citations

48
times ranked

6513
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring pelagic <i>Sargassum</i> inundation potential for coastal communities. <i>Journal of Operational Oceanography</i> , 2023, 16, 48-59.	1.2	14
2	Carriers of <i>Sargassum</i> and mechanism for coastal inundation in the Caribbean Sea. <i>Physics of Fluids</i> , 2022, 34, .	4.0	13
3	Tracking the impacts of climate change on human health via indicators: lessons from the Lancet Countdown. <i>BMC Public Health</i> , 2022, 22, 663.	2.9	20
4	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , 2021, 397, 129-170.	13.7	1,030
5	Future scenarios of risk of <i>Vibrio</i> infections in a warming planet: a global mapping study. <i>Lancet Planetary Health, The</i> , 2021, 5, e426-e435.	11.4	38
6	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. <i>Lancet, The</i> , 2021, 398, 1619-1662.	13.7	669
7	Clustering of Marine Debris and <i>Sargassum</i> Like Drifters Explained by Inertial Particle Dynamics. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089874.	4.0	17
8	The new tools revolutionizing <i>Vibrio</i> science. <i>Environmental Microbiology</i> , 2020, 22, 4096-4100.	3.8	8
9	Improving transport predictions of pelagic <i>Sargassum</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2020, 529, 151398.	1.5	39
10	Observation and quantification of inertial effects on the drift of floating objects at the ocean surface. <i>Physics of Fluids</i> , 2020, 32, .	4.0	25
11	A 17-year dataset of surface water fugacity of CO ₂ along with calculated pH, aragonite saturation state and air-sea CO ₂ fluxes in the northern Caribbean Sea. <i>Earth System Science Data</i> , 2020, 12, 1489-1509.	9.9	3
12	More Than 50 Years of Successful Continuous Temperature Section Measurements by the Global Expendable Bathythermograph Network, Its Integrability, Societal Benefits, and Future. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	31
13	Large Decadal Changes in Air-Sea CO ₂ Fluxes in the Caribbean Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6960-6982.	2.6	14
14	A Surface Ocean CO ₂ Reference Network, SOCONET and Associated Marine Boundary Layer CO ₂ Measurements. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	26
15	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. <i>Lancet, The</i> , 2019, 394, 1836-1878.	13.7	905
16	Toward a Coordinated Global Observing System for Seagrasses and Marine Macroalgae. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	123
17	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. <i>Lancet, The</i> , 2018, 392, 2479-2514.	13.7	595
18	Simulating transport pathways of pelagic <i>Sargassum</i> from the Equatorial Atlantic into the Caribbean Sea. <i>Progress in Oceanography</i> , 2018, 165, 205-214.	3.2	101

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19	Enduring Lagrangian coherence of a Loop Current ring assessed using independent observations. Scientific Reports, 2018, 8, 11275.	3.3	13
20	Epidemic Dynamics of <i>Vibrio parahaemolyticus</i> Illness in a Hotspot of Disease Emergence, Galicia, Spain. Emerging Infectious Diseases, 2018, 24, 852-859.	4.3	36
21	The impact of changing wind speeds on gas transfer and its effect on global air-sea CO ₂ fluxes. Global Biogeochemical Cycles, 2017, 31, 961-974.	4.9	36
22	Genomic Variation and Evolution of <i>Vibrio parahaemolyticus</i> ST36 over the Course of a Transcontinental Epidemic Expansion. MBio, 2017, 8, .	4.1	53
23	Non-Cholera Vibrios: The Microbial Barometer of Climate Change. Trends in Microbiology, 2017, 25, 76-84.	7.7	282
24	Environmental Suitability of <i>Vibrio</i> Infections in a Warming Climate: An Early Warning System. Environmental Health Perspectives, 2017, 125, 107004.	6.0	87
25	Heat Wave-Associated Vibriosis, Sweden and Finland, 2014. Emerging Infectious Diseases, 2016, 22, 1216-1220.	4.3	112
26	Analysis of flight MH370 potential debris trajectories using ocean observations and numerical model results. Journal of Operational Oceanography, 2016, 9, 126-138.	1.2	31
27	Is El Niño a long-distance corridor for waterborne disease?. Nature Microbiology, 2016, 1, 16018.	13.3	27
28	Epidemiological investigation of a foodborne outbreak in Spain associated with U.S. West Coast genotypes of <i>Vibrio parahaemolyticus</i> . SpringerPlus, 2016, 5, 87.	1.2	47
29	Dissipative inertial transport patterns near coherent Lagrangian eddies in the ocean. Chaos, 2015, 25, 087412.	2.5	62
30	Variability of the Deepwater Horizon Surface Oil Spill Extent and Its Relationship to Varying Ocean Currents and Extreme Weather Conditions. The Reacting Atmosphere, 2015, , 1-22.	0.8	16
31	Oceanographic conditions in the Gulf of Mexico in July 2010, during the Deepwater Horizon oil spill. Continental Shelf Research, 2014, 77, 118-131.	1.8	28
32	Drifter motion in the Gulf of Mexico constrained by altimetric Lagrangian coherent structures. Geophysical Research Letters, 2013, 40, 6171-6175.	4.0	90
33	Emerging <i>Vibrio</i> risk at high latitudes in response to ocean warming. Nature Climate Change, 2013, 3, 73-77.	18.8	473
34	Origins and colonization history of pandemic <i>Vibrio parahaemolyticus</i> in South America. Molecular Ecology, 2010, 19, 3924-3937.	3.9	20
35	Climate anomalies and the increasing risk of <i>Vibrio parahaemolyticus</i> and <i>Vibrio vulnificus</i> illnesses. Food Research International, 2010, 43, 1780-1790.	6.2	196
36	A Sensor Observation Service Based on OGC Specifications for a Meteorological SDI in Galicia. Lecture Notes in Computer Science, 2010, , 43-52.	1.3	2

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37	Algorithms to estimate the carbon dioxide uptake in the northern North Atlantic using shipboard observations, satellite and ocean analysis data. Deep-Sea Research Part II: Topical Studies in Oceanography, 2009, 56, 630-639.	1.4	38
38	An Integrated Solution to Store, Manage and Work with Datasets Focused on Metadata in the Retelab Grid Project. Lecture Notes in Computer Science, 2009, , 491-494.	1.3	0
39	Environmental Determinants of the Occurrence and Distribution of <i>Vibrio parahaemolyticus</i> in the Rias of Galicia, Spain. Applied and Environmental Microbiology, 2008, 74, 265-274.	3.1	127
40	Emergence of Asiatic Vibrio Diseases in South America in Phase With El Niño. Epidemiology, 2008, 19, 829-837.	2.7	91
41	Air-sea CO2 fluxes in the Caribbean Sea from 2002-2004. Journal of Marine Systems, 2007, 66, 272-284.	2.1	34
42	Ocean color product intersensor evaluation for HAB bulletins. , 2006, , .		0
43	The effect of wind speed products and wind speed-gas exchange relationships on interannual variability of the air-sea CO2 gas transfer velocity. Tellus, Series B: Chemical and Physical Meteorology, 2005, 57, 95-106.	1.6	28
44	The effect of wind speed products and wind speed-gas exchange relationships on interannual variability of the air-sea CO2 gas transfer velocity. Tellus, Series B: Chemical and Physical Meteorology, 2005, 57, 95-106.	1.6	4
45	Sea-air flux of CO2 in the Caribbean Sea estimated using in situ and remote sensing data. Remote Sensing of Environment, 2004, 89, 309-325.	11.0	72
46	Diurnal variations of surface ocean CO2 and sea-air CO2 flux evaluated using remotely sensed data. Geophysical Research Letters, 2004, 31, .	4.0	17
47	Ocean thermal structure monitoring could aid in the intensity forecast of tropical cyclones. Eos, 2003, 84, 573.	0.1	119