

Joseph E Salisbury

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,147
citations

304743

22
h-index

330143

37
g-index

45
all docs

45
docs citations

45
times ranked

3333
citing authors

#	ARTICLE	IF	CITATIONS
1	Ocean Acidification in the Coastal Zone from an Organism's Perspective: Multiple System Parameters, Frequency Domains, and Habitats. <i>Annual Review of Marine Science</i> , 2014, 6, 221-247.	11.6	330
2	Coastal Acidification by Rivers: A Threat to Shellfish?. <i>Eos</i> , 2008, 89, 513-513.	0.1	253
3	An update to the Surface Ocean CO ₂ Atlas (SOCAT version 2). <i>Earth System Science Data</i> , 2014, 6, 69-90.	9.9	158
4	Carbon Budget of Tidal Wetlands, Estuaries, and Shelf Waters of Eastern North America. <i>Global Biogeochemical Cycles</i> , 2018, 32, 389-416.	4.9	147
5	And on Top of All That Coping with Ocean Acidification in the Midst of Many Stressors. <i>Oceanography</i> , 2015, 25, 48-61.	1.0	143
6	Toward a better understanding of fish-based contribution to ocean carbon flux. <i>Limnology and Oceanography</i> , 2021, 66, 1639-1664.	3.1	106
7	Controls on surface water carbonate chemistry along North American ocean margins. <i>Nature Communications</i> , 2020, 11, 2691.	12.8	77
8	Spatial and temporal coherence between Amazon River discharge, salinity, and light absorption by colored organic carbon in western tropical Atlantic surface waters. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	69
9	Autonomous seawater CO ₂ and pH time series from 40 surface buoys and the emergence of anthropogenic trends. <i>Earth System Science Data</i> , 2019, 11, 421-439.	9.9	69
10	Rapid warming and salinity changes in the Gulf of Maine alter surface ocean carbonate parameters and hide ocean acidification. <i>Biogeochemistry</i> , 2018, 141, 401-418.	3.5	62
11	Seasonal observations of surface waters in two Gulf of Maine estuary-plume systems: Relationships between watershed attributes, optical measurements and surface pCO ₂ . <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 245-252.	2.1	61
12	Removal of terrestrial DOC in aquatic ecosystems of a temperate river network. <i>Geophysical Research Letters</i> , 2015, 42, 6671-6679.	4.0	61
13	Using present-day observations to detect when anthropogenic change forces surface ocean carbonate chemistry outside preindustrial bounds. <i>Biogeosciences</i> , 2016, 13, 5065-5083.	3.3	60
14	Episodic riverine influence on surface DIC in the coastal Gulf of Maine. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 82, 108-118.	2.1	51
15	Controls on dissolved organic carbon quantity and chemical character in temperate rivers of North America. <i>Global Biogeochemical Cycles</i> , 2013, 27, 492-504.	4.9	45
16	Contrasting Carbon Dioxide Inputs and Exchange in Three Adjacent New England Estuaries. <i>Estuaries and Coasts</i> , 2011, 34, 68-77.	2.2	44
17	Comparison of spaceborne measurements of sea surface salinity and colored detrital matter in the Amazon plume. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 3177-3192.	2.6	39
18	Demonstration of ocean surface salinity microwave measurements from space using AMSR data over the Amazon plume. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	36

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19	CHBr ₃ , CH ₂ Br ₂ , and CHClBr ₂ in U.S. coastal waters during the Gulf of Mexico and East Coast Carbon cruise. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
20	Coastal emissions of methyl bromide and methyl chloride along the eastern Gulf of Mexico and the east coast of the United States. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	34
21	On the seasonal correlation of surface particle fields with wind stress and Mississippi discharge in the northern Gulf of Mexico. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2004, 51, 1187-1203.	1.4	28
22	CO ₂ Input Dynamics and Air–Sea Exchange in a Large New England Estuary. <i>Estuaries and Coasts</i> , 2014, 37, 1078-1091.	2.2	25
23	Short-term variability of aragonite saturation state in the central Atlantic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4274-4290.	2.6	24
24	Optimum satellite remote sensing of the marine carbonate system using empirical algorithms in the global ocean, the Greater Caribbean, the Amazon Plume and the Bay of Bengal. <i>Remote Sensing of Environment</i> , 2019, 235, 111469.	11.0	22
25	Long-Term Changes of Carbonate Chemistry Variables Along the North American East Coast. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015982.	2.6	22
26	Extending the use and interpretation of ocean satellite data using Lagrangian modelling. <i>International Journal of Remote Sensing</i> , 2009, 30, 3331-3341.	2.9	21
27	Projecting ocean acidification impacts for the Gulf of Maine to 2050. <i>Elementa</i> , 2021, 9, .	3.2	18
28	How Can Present and Future Satellite Missions Support Scientific Studies that Address Ocean Acidification?. <i>Oceanography</i> , 2015, 25, 108-121.	1.0	16
29	SIPCO ₂ : A simple, inexpensive surface water pCO ₂ sensor. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 291-301.	2.0	16
30	Seasonal Variations of Carbonate Chemistry at Two Western Atlantic Coral Reefs. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016108.	2.6	12
31	Episodicity in phytoplankton dynamics in a coastal region. <i>Geophysical Research Letters</i> , 2016, 43, 5821-5828.	4.0	11
32	Variability of USA East Coast surface total alkalinity distributions revealed by automated instrument measurements. <i>Marine Chemistry</i> , 2021, 232, 103960.	2.3	9
33	Multiple Linear Regression Models for Reconstructing and Exploring Processes Controlling the Carbonate System of the Northeast US From Basic Hydrographic Data. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016480.	2.6	7
34	Assessing Net Growth of Phytoplankton Biomass on Hourly to Annual Time Scales Using the Geostationary Ocean Color Instrument. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095528.	4.0	6
35	Carbonate chemistry seasonality in a tropical mangrove lagoon in La Parguera, Puerto Rico. <i>PLoS ONE</i> , 2021, 16, e0250069.	2.5	4
36	Controls on buffering and coastal acidification in a temperate estuary. <i>Limnology and Oceanography</i> , 0, .	3.1	4

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37	Net ecosystem dissolution and respiration dominate metabolic rates at two western Atlantic reef sites. <i>Limnology and Oceanography</i> , 2022, 67, 527-539.	3.1	2
38	High-frequency variability of CO ₂ in Grand Passage, Bay of Fundy, Nova Scotia. <i>Biogeosciences</i> , 2019, 16, 605-616.	3.3	1
39	High-Frequency Concurrent Measurements in Watershed and Impaired Estuary Reveal Coupled DOC and Decoupled Nitrate Dynamics. <i>Estuaries and Coasts</i> , 2022, 45, 445-461.	2.2	0