

Dave Hebert

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

669
citations

758635

12
h-index

676716

22
g-index

22
all docs

22
docs citations

22
times ranked

1320
citing authors

#	ARTICLE	IF	CITATIONS
1	On Rates of Isopycnal Dispersion at the Submesoscale. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093526.	1.5	3
2	Isopycnal Mixing in the North Atlantic Oxygen Minimum Zone Revealed by RAFOS Floats. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 6478-6497.	1.0	8
3	OceanGliders: A Component of the Integrated GOOS. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	83
4	The Wire Flyer Towed Profiling System. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 161-182.	0.5	4
5	Low-Frequency Oceanographic Variability Near Flemish Cap and Sackville Spur. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 1814-1826.	1.0	3
6	Frontal Dynamics of a Buoyancy-Driven Coastal Current: Quantifying Buoyancy, Wind, and Isopycnal Tilting Influence on the Nova Scotia Current. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 4988-5003.	1.0	2
7	Variability and wind forcing of ocean temperature and thermal fronts in the Scotian Shelf region of the Northwest Atlantic. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7325-7343.	1.0	24
8	Hydrography and Coastal Circulation along the Halifax Line and the Connections with the Gulf of St. Lawrence. <i>Atmosphere - Ocean</i> , 2016, 54, 199-217.	0.6	40
9	Processing of Underway CTD Data. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 984-998.	0.5	25
10	Structure and dynamics of the midshelf front in the New York Bight. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	3
11	Southern Ocean Gas Exchange Experiment: Setting the stage. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	36
12	Toward a universal relationship between wind speed and gas exchange: Gas transfer velocities measured with $^3\text{He}/\text{SF}_6$ during the Southern Ocean Gas Exchange Experiment. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	107
13	On the Geostrophic Adjustment of an Isolated Lens: Dependence on Burger Number and Initial Geometry*. <i>Journal of Physical Oceanography</i> , 2011, 41, 725-741.	0.7	9
14	Concept Tests for a New Wire Flying Vehicle Designed to Achieve High Horizontal Resolution Profiling in Deep Water. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011, 28, 1657-1671.	0.5	1
15	Turbulent supply of nutrients to phytoplankton at the New England shelf break front. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	32
16	Evaluation of a lifetime-based optode to measure oxygen in aquatic systems. <i>Limnology and Oceanography: Methods</i> , 2006, 4, 7-17.	1.0	201
17	Networked Acoustic Modems for Real-Time Data Telemetry from Distributed Subsurface Instruments in the Coastal Ocean: Application to Array of Bottom-Mounted ADCPs. <i>Journal of Atmospheric and Oceanic Technology</i> , 2005, 22, 704-720.	0.5	5
18	Light absorption and scattering by particles and CDOM at the New England shelfbreak front. <i>Geochemistry, Geophysics, Geosystems</i> , 2005, 6, n/a-n/a.	1.0	17

#	ARTICLE	IF	CITATIONS
19	Direct Observations of Along-Isopycnal Upwelling and Diapycnal Velocity at a Shelfbreak Front*. Journal of Physical Oceanography, 2004, 34, 543-565.	0.7	24
20	Differential mixing by breaking internal waves. Geophysical Research Letters, 2003, 30, .	1.5	12
21	The front on the Northern Flank of Georges Bank in spring: 1. Tidal and subtidal variability. Journal of Geophysical Research, 2003, 108, .	3.3	13
22	The front on the Northern Flank of Georges Bank in spring: 2. Cross-frontal fluxes and mixing. Journal of Geophysical Research, 2003, 108, .	3.3	17