

Melanie Fewings

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,182
citations

516710

16
h-index

552781

26
g-index

31
all docs

31
docs citations

31
times ranked

1507
citing authors

#	ARTICLE	IF	CITATIONS
1	The Wind- and Wave-Driven Inner-Shelf Circulation. <i>Annual Review of Marine Science</i> , 2012, 4, 317-343.	11.6	215
2	Satellite sea surface temperatures along the West Coast of the United States during the 2014–2016 northeast Pacific marine heat wave. <i>Geophysical Research Letters</i> , 2017, 44, 312-319.	4.0	214
3	Observations and a Model of Undertow over the Inner Continental Shelf. <i>Journal of Physical Oceanography</i> , 2008, 38, 2341-2357.	1.7	136
4	Observations of Cross-Shelf Flow Driven by Cross-Shelf Winds on the Inner Continental Shelf. <i>Journal of Physical Oceanography</i> , 2008, 38, 2358-2378.	1.7	123
5	Remotely Sensed Winds and Wind Stresses for Marine Forecasting and Ocean Modeling. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	71
6	Biological and Physical Interactions on a Tropical Island Coral Reef: Transport and Retention Processes on Moorea, French Polynesia. <i>Oceanography</i> , 2013, 26, 52-63.	1.0	61
7	Integrated Observations of Global Surface Winds, Currents, and Waves: Requirements and Challenges for the Next Decade. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	60
8	The propagating response of coastal circulation due to wind relaxations along the central California coast. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	44
9	Momentum balances on the inner continental shelf at Martha's Vineyard Coastal Observatory. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	25
10	Summertime cooling of the shallow continental shelf. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	22
11	Synoptic forcing of wind relaxations at Pt. Conception, California. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 5711-5730.	2.6	22
12	Coastal water circulation patterns around the Northern Channel Islands and Point Conception, California. <i>Progress in Oceanography</i> , 2015, 138, 283-304.	3.2	21
13	Regional Structure in the Marine Heat Wave of Summer 2015 Off the Western United States. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	21
14	Wind relaxation and a coastal buoyant plume north of P t. C onception, CA : Observations, simulations, and scalings. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7455-7475.	2.6	18
15	Contrasting spatial patterns in the diurnal and semidiurnal temperature variability in the Santa Barbara Channel, California. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 427-440.	2.6	17
16	The Influence of a Sandy Substrate, Seagrass, or Highly Turbid Water on Albedo and Surface Heat Flux. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 53-73.	2.6	17
17	Effects of the Relaxation of Upwelling–Favorable Winds on the Diurnal and Semidiurnal Water Temperature Fluctuations in the Santa Barbara Channel, California. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7958-7977.	2.6	15
18	Lagrangian Observations of Inner-Shelf Motions in Southern California: Can Surface Waves Decelerate Shoreward-Moving Drifters Just outside the Surf Zone?. <i>Journal of Physical Oceanography</i> , 2012, 42, 1313-1326.	1.7	14

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19	Impact of recently upwelled water on productivity investigated using in situ and incubation-based methods in Monterey Bay. Journal of Geophysical Research: Oceans, 2017, 122, 1901-1926.	2.6	14
20	Large-scale anomalies in sea-surface temperature and air-sea fluxes during wind relaxation events off the United States West Coast in summer. Journal of Geophysical Research: Oceans, 2017, 122, 2574-2594.	2.6	12
21	Large-Scale Structure in Wind Forcing over the California Current System in Summer. Monthly Weather Review, 2017, 145, 4227-4247.	1.4	12
22	Compensation of pulse distortions by phase conjugation via difference-frequency generation. Journal of the Optical Society of America B: Optical Physics, 2000, 17, 1522.	2.1	10
23	Spatially gridded cross-shelf hydrographic sections and monthly climatologies from shipboard survey data collected along the Newport Hydrographic Line, 1997-2021. Data in Brief, 2022, 41, 107922.	1.0	5
24	The Evolution of a Northward-Propagating Buoyant Coastal Plume After a Wind Relaxation Event. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017720.	2.6	2
25	Role of Sea Surface Physical Processes in Mixed-Layer Temperature Changes During Summer Marine Heat Waves in the Chile-Peru Current System. Journal of Geophysical Research: Oceans, 2022, 127, .	2.6	2
26	The effects of climate, oceanography, and habitat on the distribution and abundance of northern California Current continental shelf groundfishes. Fisheries Oceanography, 2021, 30, 707.	1.7	1