Amandine Schaeffer

List of Publications by Year
in descending order

33	1,116	331538	414303
papers	citations	21 h-index	32 g-index

37	37	37	1178
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Driving the blue fleet: Temporal variability and drivers behind bluebottle (Physalia physalis) beachings off Sydney, Australia. PLoS ONE, 2022, 17, e0265593.	1.1	4
2	Multi-decadal ocean temperature time-series and climatologies from Australiaâ€™s long-term National Reference Stations. Scientific Data, 2022, 9, 157.	2.4	6
3	Why the Mixed Layer Depth Matters When Diagnosing Marine Heatwave Drivers Using a Heat Budget Approach. Frontiers in Climate, 2022, 4, .	1.3	11
4	Oceanic Circulation Drives the Deepest and Longest Marine Heatwaves in the East Australian Current System. Geophysical Research Letters, 2021, 48, e2021GL094785.	1.5	33
5	An assessment of the East Australian Current as a renewable energy resource. Journal of Marine Systems, 2020, 204, 103285.	0.9	3
6	Daily Subsurface Ocean Temperature Climatology Using Multiple Data Sources: New Methodology. Frontiers in Marine Science, 2020, 7, .	1.2	5
7	Eddyâ€Driven Crossâ€Shelf Transport in the East Australian Current Separation Zone. Journal of Geophysical Research: Oceans, 2020, 125, e2019JC015613.	1.0	31
8	Observations of Submesoscale Variability and Frontal Subduction within the Mesoscale Eddy Field of the Tasman Sea. Journal of Physical Oceanography, 2020, 50, 1509-1529.	0.7	23
9	Revisiting the circulation of the East Australian Current: Its path, separation, and eddy field. Progress in Oceanography, 2019, 176, 102139.	1.5	65
10	OceanGliders: A Component of the Integrated GOOS. Frontiers in Marine Science, 2019, 6, .	1.2	83
11	Coastal Mooring Observing Networks and Their Data Products: Recommendations for the Next Decade. Frontiers in Marine Science, 2019, 6, .	1.2	24
12	East Australian Current. , 2019, , 340-350.		1
13	Observational Insight Into the Subsurface Anomalies of Marine Heatwaves. Frontiers in Marine Science, 2019, 6, .	1.2	46
14	Lagrangian and Eulerian characterization of two counterâ€rotating submesoscale eddies in a western boundary current. Journal of Geophysical Research: Oceans, 2017, 122, 4902-4921.	1.0	28
15	Characterizing frontal eddies along the <scp>E</scp>ast <scp>A</scp>ustralian <scp>C</scp>urrent from <scp>HF</scp> radar observations. Journal of Geophysical Research: Oceans, 2017, 122, 3964-3980.	1.0	66
16	Subsurface intensification of marine heatwaves off southeastern Australia: The role of stratification and local winds. Geophysical Research Letters, 2017, 44, 5025-5033.	1.5	85
17	A tale of two eddies: The biophysical characteristics of two contrasting cyclonic eddies in the <scp>E</scp>ast <scp>A</scp>ustralian <scp>C</scp>urrent <scp>S</scp>ystem. Journal of Geophysical Research: Oceans, 2017, 122, 2494-2518.	1.0	53
18	On the Variability of the East Australian Current: Jet Structure, Meandering, and Influence on Shelf Circulation. Journal of Geophysical Research: Oceans, 2017, 122, 8464-8481.	1.0	65

#	Article	IF	Citations
19	The Marine Virtual Laboratory (version 2.1): enabling efficient ocean model configuration. Geoscientific Model Development, 2016, 9, 3297-3307.	1.3	1
20	Physical and biogeochemical spatial scales of variability in the East Australian Current separation from shelf glider measurements. Biogeosciences, 2016, 13, 1967-1975.	1.3	28
21	Seasonal variability in the continental shelf waters off southeastern Australia: Fact or fiction?. Continental Shelf Research, 2016, 112, 92-103.	0.9	25
22	Mean hydrography on the continental shelf from 26 repeat glider deployments along Southeastern Australia. Scientific Data, 2016, 3, 160070.	2.4	13
23	Comparison of the cross-shelf phytoplankton distribution of two oceanographically distinct regions off Australia. Journal of Marine Systems, 2015, 148, 26-38.	0.9	14
24	Interactions between seasonality and oceanic forcing drive the phytoplankton variability in the tropical-temperate transition zone (~ 30Â°S) of Eastern Australia. Journal of Marine Systems, 2015, 144, 92-106.	0.9	21
25	Influence of a western boundary current on shelf dynamics and upwelling from repeat glider deployments. Geophysical Research Letters, 2015, 42, 121-128.	1.5	35
26	Sustained Ocean Observing along the Coast of Southeastern Australia. , 2015, , 76-98.		19
27	Observed bottom boundary layer transport and uplift on the continental shelf adjacent to a western boundary current. Journal of Geophysical Research: Oceans, 2014, 119, 4922-4939.	1.0	62
28	Seasonality of sporadic physical processes driving temperature and nutrient highâ€frequency variability in the coastal ocean off southeast Australia. Journal of Geophysical Research: Oceans, 2014, 119, 445-460.	1.0	32
29	Phytoplankton composition under contrasting oceanographic conditions: Upwelling and downwelling (Eastern Australia). Continental Shelf Research, 2014, 75, 54-67.	0.9	45
30	Cross-Shelf Dynamics in a Western Boundary Current Regime: Implications for Upwelling. Journal of Physical Oceanography, 2013, 43, 1042-1059.	0.7	72
31	Eddy resolving modelling of the Gulf of Lions and Catalan Sea. Ocean Dynamics, 2011, 61, 991-1003.	0.9	24
32	Influence of high-resolution wind forcing on hydrodynamic modeling of the Gulf of Lions. Ocean Dynamics, 2011, 61, 1823-1844.	0.9	32
33	Generation mechanisms for mesoscale eddies in the Gulf of Lions: radar observation and modeling. Ocean Dynamics, 2011, 61, 1587-1609.	0.9	42