

# Amandine Schaeffer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6377105/publications.pdf>

Version: 2024-02-01

33  
papers

1,116  
citations

331538

21  
h-index

414303

32  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Subsurface intensification of marine heatwaves off southeastern Australia: The role of stratification and local winds. <i>Geophysical Research Letters</i> , 2017, 44, 5025-5033.	1.5	85
2	OceanGliders: A Component of the Integrated GOOS. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	83
3	Cross-Shelf Dynamics in a Western Boundary Current Regime: Implications for Upwelling. <i>Journal of Physical Oceanography</i> , 2013, 43, 1042-1059.	0.7	72
4	Characterizing frontal eddies along the East Australian Current from HF radar observations. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 3964-3980.	1.0	66
5	On the Variability of the East Australian Current: Jet Structure, Meandering, and Influence on Shelf Circulation. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8464-8481.	1.0	65
6	Revisiting the circulation of the East Australian Current: Its path, separation, and eddy field. <i>Progress in Oceanography</i> , 2019, 176, 102139.	1.5	65
7	Observed bottom boundary layer transport and uplift on the continental shelf adjacent to a western boundary current. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 4922-4939.	1.0	62
8	A tale of two eddies: The biophysical characteristics of two contrasting cyclonic eddies in the East Australian Current System. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 2494-2518.	1.0	53
9	Observational Insight Into the Subsurface Anomalies of Marine Heatwaves. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	46
10	Phytoplankton composition under contrasting oceanographic conditions: Upwelling and downwelling (Eastern Australia). <i>Continental Shelf Research</i> , 2014, 75, 54-67.	0.9	45
11	Generation mechanisms for mesoscale eddies in the Gulf of Lions: radar observation and modeling. <i>Ocean Dynamics</i> , 2011, 61, 1587-1609.	0.9	42
12	Influence of a western boundary current on shelf dynamics and upwelling from repeat glider deployments. <i>Geophysical Research Letters</i> , 2015, 42, 121-128.	1.5	35
13	Oceanic Circulation Drives the Deepest and Longest Marine Heatwaves in the East Australian Current System. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094785.	1.5	33
14	Influence of high-resolution wind forcing on hydrodynamic modeling of the Gulf of Lions. <i>Ocean Dynamics</i> , 2011, 61, 1823-1844.	0.9	32
15	Seasonality of sporadic physical processes driving temperature and nutrient high-frequency variability in the coastal ocean off southeast Australia. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 445-460.	1.0	32
16	Eddy-Driven Cross-Shelf Transport in the East Australian Current Separation Zone. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2019JC015613.	1.0	31
17	Physical and biogeochemical spatial scales of variability in the East Australian Current separation from shelf glider measurements. <i>Biogeosciences</i> , 2016, 13, 1967-1975.	1.3	28
18	Lagrangian and Eulerian characterization of two counter-rotating submesoscale eddies in a western boundary current. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 4902-4921.	1.0	28

#	ARTICLE	IF	CITATIONS
19	Seasonal variability in the continental shelf waters off southeastern Australia: Fact or fiction?. Continental Shelf Research, 2016, 112, 92-103.	0.9	25
20	Eddy resolving modelling of the Gulf of Lions and Catalan Sea. Ocean Dynamics, 2011, 61, 991-1003.	0.9	24
21	Coastal Mooring Observing Networks and Their Data Products: Recommendations for the Next Decade. Frontiers in Marine Science, 2019, 6, .	1.2	24
22	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
23	Interactions between seasonality and oceanic forcing drive the phytoplankton variability in the tropical-temperate transition zone (~ 30°S) of Eastern Australia. Journal of Marine Systems, 2015, 144, 92-106.	0.9	21
24	Sustained Ocean Observing along the Coast of Southeastern Australia. , 2015, , 76-98.		19
25	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
26	Mean hydrography on the continental shelf from 26 repeat glider deployments along Southeastern Australia. Scientific Data, 2016, 3, 160070.	2.4	13
27	Why the Mixed Layer Depth Matters When Diagnosing Marine Heatwave Drivers Using a Heat Budget Approach. Frontiers in Climate, 2022, 4, .	1.3	11
28	Multi-decadal ocean temperature time-series and climatologies from Australia's long-term National Reference Stations. Scientific Data, 2022, 9, 157.	2.4	6
29	Daily Subsurface Ocean Temperature Climatology Using Multiple Data Sources: New Methodology. Frontiers in Marine Science, 2020, 7, .	1.2	5
30	Driving the blue fleet: Temporal variability and drivers behind bluebottle (Physalia physalis) beachings off Sydney, Australia. PLoS ONE, 2022, 17, e0265593.	1.1	4
31	An assessment of the East Australian Current as a renewable energy resource. Journal of Marine Systems, 2020, 204, 103285.	0.9	3
32	The Marine Virtual Laboratory (version 2.1): enabling efficient ocean model configuration. Geoscientific Model Development, 2016, 9, 3297-3307.	1.3	1
33	East Australian Current. , 2019, , 340-350.		1