

# Alex Ayet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4332240/publications.pdf>

Version: 2024-02-01

11  
papers

178  
citations

1478505

6  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

294  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Nowcasting solar irradiance using an analog method and geostationary satellite images. <i>Solar Energy</i> , 2018, 164, 301-315.	6.1	34
3	How does the wind generate waves?. <i>Physics Today</i> , 2021, 74, 38-43.	0.3	33
4	Swell Generation Under Extra-tropical Storms. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017637.	2.6	13
5	The Dynamical Coupling of Wind-Waves and Atmospheric Turbulence: A Review of Theoretical and Phenomenological Models. <i>Boundary-Layer Meteorology</i> , 2022, 183, 1-33.	2.3	9
6	On the Impact of Long Wind-Waves on Near-Surface Turbulence and Momentum Fluxes. <i>Boundary-Layer Meteorology</i> , 2020, 174, 465-491.	2.3	8
7	Scalewise Return to Isotropy in Stratified Boundary Layer Flows. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032732.	3.3	7
8	An analytical study of the atmospheric boundary-layer flow and divergence over an SST front. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 2549-2567.	2.7	6
9	The single-particle density matrix of a quantum bright soliton from the coordinate Bethe ansatz. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 023103.	2.3	4
10	Scaling Laws for the Length Scale of Energy-containing Eddies in a Sheared and Thermally Stratified Atmospheric Surface Layer. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089997.	4.0	4
11	The impact of entrained air on ocean waves. <i>Nonlinear Processes in Geophysics</i> , 2021, 28, 285-293.	1.3	0