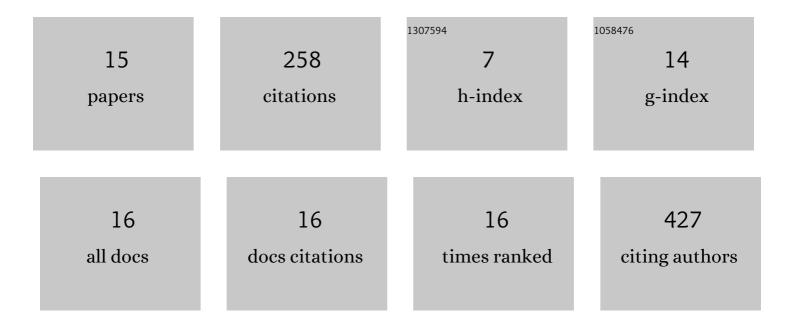
Ana Aguiar

List of Publications by Year in descending order

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ΔΝΙΑ ΔΟΠΙΑΡ

#	Article	IF	CITATIONS
1	A laboratory model of Saturn's North Polar Hexagon. Icarus, 2010, 206, 755-763.	2.5	69
2	A census of Meddies in a long-term high-resolution simulation. Progress in Oceanography, 2013, 116, 80-94.	3.2	49
3	Evidence of Mediterranean Water dipole collision in the Gulf of Cadiz. Journal of Geophysical Research: Oceans, 2014, 119, 5337-5359.	2.6	32
4	Zonal structure of the mean flow and eddies in the Azores Current system. Journal of Geophysical Research, 2011, 116, .	3.3	22
5	Assimilating satellite seaâ€surface salinity data from SMOS, Aquarius and SMAP into a global ocean forecasting system. Quarterly Journal of the Royal Meteorological Society, 2019, 145, 705-726.	2.7	19
6	Evidence of timeâ€mean cyclonic cell southwest of Iberian Peninsula: The Mediterranean Outflowâ€driven <i>β</i> â€plume?. Geophysical Research Letters, 2010, 37, .	4.0	15
7	Horizontal and vertical motions of barotropic vortices over a submarine mountain. Journal of Fluid Mechanics, 2012, 695, 173-198.	3.4	15
8	Vortex stability in a multi-layer quasi-geostrophic model: application to Mediterranean Water eddies. Fluid Dynamics Research, 2014, 46, 061401.	1.3	8
9	Cyclones and Anticyclones in Seismic Imaging. Journal of Physical Oceanography, 2015, 45, 2436-2443.	1.7	8
10	Mediterranean outflow transports and entrainment estimates from observations and high-resolution modelling. Progress in Oceanography, 2015, 131, 33-45.	3.2	7
11	Instabilities of a barotropic shear layer in a rotating fluid: asymmetries with respect to sgn(Ro). Meteorologische Zeitschrift, 2006, 15, 417-422.	1.0	6
12	The Gulf of Cadiz Gap wind anticyclones. Continental Shelf Research, 2014, 91, 171-191.	1.8	5
13	Effect of Subsurface Mediterranean Water Eddies on Sound Propagation Using ROMS Output and the Bellhop Model. Water (Switzerland), 2021, 13, 3617.	2.7	2
14	A simple demonstration of shear-flow instability. American Journal of Physics, 2020, 88, 1041-1048.	0.7	1
15	Dipolar Vortex in a Rotating System. Environmental Science and Engineering, 2012, , 501-502.	0.2	0