Aires dos Santos

List of Publications by Year
in descending order

13 papers	232 citations	1163117 8 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	361 citing authors

#	Article	IF	Citations
1	A model for ocean circulation on the Iberian coast. Journal of Marine Systems, 2002, 32, 153-179.	2.1	69
2	Evaluation of the Seasonal Variations in the Residual Circulation in the RÄ±Ìa of Vigo (NW Spain) by Means of a 3D Baroclinic Model. Estuarine, Coastal and Shelf Science, 1998, 47, 661-670.	2.1	48
3	Survival of sardine larvae off the Atlantic Portuguese coast: a preliminary numerical study. ICES Journal of Marine Science, 2005, 62, 634-644.	2.5	23
4	A circulation model for the European ocean margin. Applied Mathematical Modelling, 2002, 26, 563-582.	4.2	17
5	Characterization of the mixing regimes of Newtonian fluid flows in asymmetrical T-shaped micromixers. Experimental Thermal and Fluid Science, 2016, 72, 218-227.	2.7	16
6	From regional to local scale modelling on the south-eastern Brazilian shelf: case study of ParanaguÃ¡ estuarine system. Brazilian Journal of Oceanography, 2016, 64, 277-294.	0.6	15
7	Experimental characterization of pulsed Newtonian fluid flows inside T-shaped micromixers with variable inlets widths. Experimental Thermal and Fluid Science, 2017, 89, 249-258.	2.7	14
8	On the propagation and damping of longitudinal oscillations in tapered visco-elastic bars. Journal of Sound and Vibration, 1988, 126, 109-125.	3.9	13
9	Hydrodynamic modelling of Port Foster, Deception Island, Antarctica. Antarctic Science, 2018, 30, 115-124.	0.9	6
10	Adjustment of the summertime marine atmospheric boundary layer to the western Iberia coastal morphology. Journal of Geophysical Research D: Atmospheres, 2016, 121, 3875-3893.	3.3	5
11	1D model for a low NO ejector-pump like burner. Experimental Thermal and Fluid Science, 2019, 100, 171-192.	2.7	5
12	Mathematical modelling and experimental study of an ejector burner. Experimental Thermal and Fluid Science, 2022, 130, 110482.	2.7	1
13	Dual-pool, three-phase kinetic model of anaerobic digestion in batch mode. Heliyon, 2022, 8, e09194.	3.2	0