

# Aires dos Santos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4363538/publications.pdf>

Version: 2024-02-01

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