

# Paulo A Silva

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

668  
citations

471061

17  
h-index

552369

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring Beach Topography and Nearshore Bathymetry Using Spaceborne Remote Sensing: A Review. <i>Remote Sensing</i> , 2019, 11, 2212.	1.8	88
2	Analytical approximate wave form for asymmetric waves. <i>Coastal Engineering</i> , 2010, 57, 656-667.	1.7	87
3	Estimation of the nearshore bathymetry from high temporal resolution Sentinel-1A C-band SAR data - A case study. <i>Remote Sensing of Environment</i> , 2019, 223, 166-178.	4.6	44
4	Local sea level change scenarios for the end of the 21st century and potential physical impacts in the lower Ria de Aveiro (Portugal). <i>Continental Shelf Research</i> , 2011, 31, 1515-1526.	0.9	42
5	Sediment transport in nonlinear skewed oscillatory flows: Transkew experiments. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2011, 49, 72-80.	0.7	41
6	Metabolic Programming during Lactation Stimulates Renal Na <sup>+</sup> Transport in the Adult Offspring Due to an Early Impact on Local Angiotensin II Pathways. <i>PLoS ONE</i> , 2011, 6, e21232.	1.1	33
7	Placental oxidative stress in malnourished rats and changes in kidney proximal tubule sodium ATPases in offspring. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1157-1163.	0.9	28
8	Renal molecular mechanisms underlying altered Na <sup>+</sup> handling and genesis of hypertension during adulthood in prenatally undernourished rats. <i>British Journal of Nutrition</i> , 2014, 111, 1932-1944.	1.2	26
9	Placental malnutrition changes the regulatory network of renal Na-ATPase in adult rat progeny: Reprogramming by maternal $\alpha$ -tocopherol during lactation. <i>Archives of Biochemistry and Biophysics</i> , 2011, 505, 91-97.	1.4	25
10	Chronic undernutrition alters renal active Na <sup>+</sup> transport in young rats: potential hidden basis for pathophysiological alterations in adulthood?. <i>European Journal of Nutrition</i> , 2009, 48, 437-445.	1.8	22
11	Influence of morphological changes in a lagoon flooding extension: case study of Ria de Aveiro (Portugal). <i>Journal of Coastal Research</i> , 2013, 165, 1158-1163.	0.1	22
12	Sensitivity analysis of a morphodynamic modelling system applied to a coastal lagoon inlet. <i>Ocean Dynamics</i> , 2010, 60, 275-284.	0.9	20
13	Bed shear stress under skewed and asymmetric oscillatory flows. <i>Coastal Engineering</i> , 2013, 73, 1-10.	1.7	20
14	Altered signaling pathways linked to angiotensin II underpin the upregulation of renal Na <sup>+</sup> -ATPase in chronically undernourished rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2357-2366.	1.8	20
15	Mechanisms Involving Ang II and MAPK/ERK1/2 Signaling Pathways Underlie Cardiac and Renal Alterations during Chronic Undernutrition. <i>PLoS ONE</i> , 2014, 9, e100410.	1.1	20
16	Assessment of Dredging Scenarios for a Tidal Inlet in a High-Energy Coast. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 395.	1.2	19
17	Establishing the wave climate influence on the morphodynamics of a coastal lagoon inlet. <i>Ocean Dynamics</i> , 2012, 62, 799-814.	0.9	17
18	Beach Response to a Shoreface Nourishment (Aveiro, Portugal). <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1112.	1.2	17

#	ARTICLE	IF	CITATIONS
19	Estimation of Coastal Bathymetry Using Wavelets. Journal of Marine Science and Engineering, 2020, 8, 772.	1.2	11
20	Perinatal Na <sup>+</sup> Overload Programs Raised Renal Proximal Na <sup>+</sup> Transport and Enalapril-Sensitive Alterations of Ang II Signaling Pathways during Adulthood. PLoS ONE, 2012, 7, e43791.	1.1	11
21	Multiannual Shore Morphodynamics of a Cuspate Foreland: Maspalomas (Gran Canaria, Canary) Tj ETQq1 1 0.784314 rgBT /Qverlock	1.2	9
22	Wave Impact Analysis on a Beach-Dune System to Support Coastal Management and Nourishment Works: The Showcase of Mira, Portugal. Frontiers in Marine Science, 2022, 9, .	1.2	8
23	Monitorization of sea sand transport in coastal areas using optical fiber sensors. , 2009, , .		7
24	Reduced cholesterol levels in renal membranes of undernourished rats may account for urinary Na <sup>+</sup> loss. European Journal of Nutrition, 2013, 52, 1233-1242.	1.8	7
25	Comparative test of radiological exposure between femoral and radial techniques, development of a protective device and clinical trial design. BMJ Innovations, 2015, 1, 103-110.	1.0	6
26	Nearshore Bathymetry Retrieval from Wave-Based Inversion for Video Imagery. Remote Sensing, 2022, 14, 2155.	1.8	6
27	Retrieval of nearshore bathymetry from Sentinel-1 SAR data in high energetic wave coasts: The Portuguese case study. Remote Sensing Applications: Society and Environment, 2022, 25, 100674.	0.8	4
28	Effect of alongshore sediment supply gradients on projected shoreline position under sea-level rise (northwestern Portuguese coast). Estuarine, Coastal and Shelf Science, 2022, 271, 107876.	0.9	4
29	Joint use of data and modeling in coastal wave transformation. Journal of Coastal Conservation, 2012, 16, 461-472.	0.7	2
30	The Role of the Second Na <sup>+</sup> Pump in Mammals and Parasites. , 2016, , 93-112.		1
31	Assessment of Dredging/Dumping Scenarios for Figueira da Foz Coastal Region (W Portugal). Journal of Coastal Research, 2018, 85, 1266-1270.	0.1	1
32	Use of the velocity defect law to assess sand transport rates. Journal of Coastal Research, 2013, 165, 1485-1490.	0.1	0