Paulo Avilez-Valente

List of Publications by Year
in descending order

15	158	1307594 7	1281871 11
papers	citations	h-index	g-index

16	16	16	134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Petrov?Galerkin finite element scheme for the regularized long wave equation. Computational Mechanics, 2004, 34, 256.	4.0	48
2	Two Models Solutions for the Douro Estuary: Flood Risk Assessment and Breakwater Effects. Estuaries and Coasts, 2019, 42, 348-364.	2.2	23
3	Modelling the Main Hydrodynamic Patterns in Shallow Water Estuaries: The Minho Case Study. Water (Switzerland), 2019, 11, 1040.	2.7	20
4	Estuarine hydrodynamic patterns and hydrokinetic energy production: The Douro estuary case study. Energy, 2021, 222, 119972.	8.8	17
5	A highâ€order Petrovâ€“Galerkin finite element method for the classical Boussinesq wave model. International Journal for Numerical Methods in Fluids, 2009, 59, 969-1010.	1.6	13
6	Hydrodynamic Model Ensembles for Climate Change Projections in Estuarine Regions. Water (Switzerland), 2022, 14, 1966.	2.7	8
7	Hydro- and Morphodynamic Impacts of Sea Level Rise: The Minho Estuary Case Study. Journal of Marine Science and Engineering, 2020, 8, 441.	2.6	7
8	Numerical Modeling Tools Applied to Estuarine and Coastal Hydrodynamics: A User Perspective. , 0, , .		7
9	Generation of N-waves in laboratory. Coastal Engineering, 2019, 148, 1-18.	4.0	6
10	Evaluating wind datasets for wave hindcasting in the NW Iberian Peninsula coast. Journal of Operational Oceanography, 2021, 14, 152-165.	1.2	4
11	Improving Estuarine Hydrodynamic Forecasts Through Numerical Model Ensembles. Frontiers in Marine Science, 2022, 9, .	2.5	4
12	A Finite Element Method for the 1-Term Weakly Nonlinear Beji-Nadaoka Wave Model. , 2002, , .		0
13	Analysis of estuarine flood levels based on numerical modelling. The Douro river estuary case study. Revista EletrÃ´nica Em GestÃ£o EducaÃ§Ã£o E Tecnologia Ambiental, 0, 23, 14.	0.0	0
14	NUMERICAL MODELSâ€™ APPLICATION FOR MORPHODYNAMICS ASSESSMENT OF CLIMATE CHANGE IMPACTS IN THE MINHO RIVER ESTUARY. Environmental Smoke, 2021, , 1-6.	0.1	0
15	Numerical Depth Inversion of the Entrance of LeixÃµes Harbour. , 0, , .		0