Luis Aragons

List of Publications by Year in Descending Order

42 papers	443 citations	12 h-index	18 g-index
51 ext. papers	513 ext. citations	5.8 avg, IF	3.97 L-index

#	Paper	IF	Citations
42	Classification of Sediment Quality according to Its Behavior in the Accelerated Particle Wear Test (APW). *Sustainability*, **2021**, 13, 2633	3.6	0
41	Consequences of Anthropic Actions in Cullera Bay (Spain). *Journal of Marine Science and Engineering* , **2020**, 8, 240	2.4	1
40	Predictive models of minimum temperatures for the south of Buenos Aires province. *Science of the Total Environment*, **2020**, 699, 134280	10.2	1
39	Monitoring the dune-beach system of Guardamar del Segura (Spain) using UAV, SfM and GIS techniques. *Science of the Total Environment*, **2019**, 687, 1034-1045	10.2	24
38	Spatio-temporal analysis of leptospirosis incidence and its relationship with hydroclimatic indicators in northeastern Argentina. *Science of the Total Environment*, **2019**, 694, 133651	10.2	7
37	Galerkin's formulation of the finite elements method to obtain the depth of closure. *Science of the Total Environment*, **2019**, 660, 1256-1263	10.2	8
36	New ICT-based index for beach quality management. *Science of the Total Environment*, **2019**, 684, 221-228	10.2	4
35	Cross-shore sediment transport quantification on depth of closure calculation from profile surveys. *Coastal Engineering*, **2019**, 151, 64-77	4.8	6
34	Validating UAS-Based Photogrammetry with Traditional Topographic Methods for Surveying Dune Ecosystems in the Spanish Mediterranean Coast. *Journal of Marine Science and Engineering*, **2019**, 7, 297	2.4	7
33	Modelling the cross-shore profiles of sand beaches using artificial neural networks. *Marine Georesources and Geotechnology*, **2019**, 37, 683-694	2.2	4
32	Factors influencing the rate of beach sand wear: Activation layer thickness and sediment durability. *Science of the Total Environment*, **2019**, 658, 367-373	10.2	3
31	The effects of sediment used in beach nourishment: Study case El Portet de Moraira beach. *Science of the Total Environment*, **2018**, 628-629, 64-73	10.2	14
30	Causes of the different behaviour of the shoreline on beaches with similar characteristics. Study case of the San Juan and Guardamar del Segura beaches, Spain. *Science of the Total Environment*, **2018**, 634, 739-748	10.2	10
29	Study of the evolution of gravel beaches nourished with sand. *Science of the Total Environment*, **2018**, 626, 87-95	10.2	13
28	Depth of closure: New calculation method based on sediment data. *International Journal of Sediment Research*, **2018**, 33, 198-207	3	8
27	Gravel beaches nourishment: Modelling the equilibrium beach profile. *Science of the Total Environment*, **2018**, 619-620, 772-783	10.2	8
26	Modelling the cross-shore beach profiles of sandy beaches with Posidonia oceanica using artificial neural networks: Murcia (Spain) as study case. *Applied Ocean Research*, **2018**, 74, 205-216	3.4	7

25	Artificial neural network modeling of cross-shore profile on sand beaches: The coast of the province of Valencia (Spain). *Marine Georesources and Geotechnology*, **2018**, 36, 698-708	2.2	7
24	Mineralogy and morphology of sand: Key parameters in the durability for its use in artificial beach nourishment. *Science of the Total Environment*, **2018**, 639, 186-194	10.2	6
23	Concessions within the maritime-terrestrial public domain on the beaches of southeastern Spain. *Ocean and Coastal Management*, **2018**, 161, 156-164	3.9	7
22	Neural network for determining the characteristic points of the bars. *Ocean Engineering*, **2017**, 136, 141-151	3.9	15
21	Modelling of Escherichia coli concentrations in bathing water at microtidal coasts. *Science of the Total Environment*, **2017**, 593-594, 173-181	10.2	17
20	Using the Presence of Seagrass Posidonia oceanica to Model the Equilibrium Profile Parameter A of Sandy Beaches in Spain. *Journal of Coastal Research*, **2017**, 335, 1074-1085	0.6	3
19	The effects of the anthropic actions on the sandy beaches of Guardamar del Segura, Spain. *Science of the Total Environment*, **2017**, 601-602, 1364-1377	10.2	27
18	A software application to obtain the depth of closure from beach profile data. *International Journal of Computational Methods and Experimental Measurements*, **2017**, 5, 750-759	1	2
17	60 Years of Urban Development in Denia and Its Influence on the Marineta Cassiana Beach. *International Journal of Sustainable Development and Planning*, **2017**, 12, 678-686	2	2
16	Water Quality of the Beach in an Urban and Not Urban Environment. *International Journal of Sustainable Development and Planning*, **2017**, 12, 713-723	2	2
15	Evaluation of coastal management: Study case in the province of Alicante, Spain. *Science of the Total Environment*, **2016**, 572, 1184-1194	10.2	12
14	The erosion on the east coast of Spain: Wear of particles, mineral composition, carbonates and Posidonia oceanica. *Science of the Total Environment*, **2016**, 572, 487-497	10.2	11
13	The erosion of the beaches on the coast of Alicante: Study of the mechanisms of weathering by accelerated laboratory tests. *Science of the Total Environment*, **2016**, 566-567, 191-204	10.2	18
12	Numerical modelling of the equilibrium profile in Valencia (Spain). *Ocean Engineering*, **2016**, 123, 164-173	3.9	7
11	The influence of anthropic actions on the evolution of an urban beach: Case study of Marineta Cassiana beach, Spain. *Science of the Total Environment*, **2016**, 559, 242-255	10.2	34
10	Evaluation of the quality of coastal bathing waters in Spain through fecal bacteria Escherichia coli and Enterococcus. *Science of the Total Environment*, **2016**, 566-567, 288-297	10.2	36
9	New methodology for describing the equilibrium beach profile applied to the Valencia's beaches. *Geomorphology*, **2016**, 259, 1-11	4.3	26
8	The multifunctional artificial reef and its role in the defence of the Mediterranean coast. *Science of the Total Environment*, **2016**, 550, 910-923	10.2	12

7	The impacts of Segura River (Spain) channelization on the coastal seabed. *Science of the Total Environment*, **2016**, 543, 493-504	10.2	25
6	Analysis and modelling of cross-shore profile of gravel beaches in the province of Alicante. *Ocean Engineering*, **2016**, 118, 173-186	3.9	4
5	Morphological classification of microtidal sand and gravel beaches. *Ocean Engineering*, **2015**, 109, 309-319	3.9	4
4	Beach nourishment impact on Posidonia oceanica: Case study of Poniente Beach (Benidorm, Spain). *Ocean Engineering*, **2015**, 107, 1-12	3.9	25
3	New Methodology for the Classification of Gravel Beaches: Adjusted on Alicante (Spain). *Journal of Coastal Research*, **2015**, 314, 1023-1034	0.6	9
2	Relationship between shoreline evolution and sediment wear. *Proceedings E Report*,432-440		
1	Experiences with beach nourishments on the coast of Alicante, Spain. *Proceedings E Report*,441-450		1