

# Isabel Lopez

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39  
papers

352  
citations

11  
h-index

16  
g-index

51  
ext. papers

404  
ext. citations

5  
avg, IF

3.76  
L-index

#	Paper	IF	Citations
39	Evaluation of the quality of coastal bathing waters in Spain through fecal bacteria Escherichia coli and Enterococcus. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 288-297	10.2	36
38	The effects of the anthropic actions on the sandy beaches of Guardamar del Segura, Spain. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 1364-1377	10.2	27
37	Beach nourishment impact on Posidonia oceanica: Case study of Poniente Beach (Benidorm, Spain). <i>Ocean Engineering</i> , <b>2015</b> , 107, 1-12	3.9	25
36	Monitoring the dune-beach system of Guardamar del Segura (Spain) using UAV, SfM and GIS techniques. <i>Science of the Total Environment</i> , <b>2019</b> , 687, 1034-1045	10.2	24
35	The erosion of the beaches on the coast of Alicante: Study of the mechanisms of weathering by accelerated laboratory tests. <i>Science of the Total Environment</i> , <b>2016</b> , 566-567, 191-204	10.2	18
34	Modelling of Escherichia coli concentrations in bathing water at microtidal coasts. <i>Science of the Total Environment</i> , <b>2017</b> , 593-594, 173-181	10.2	17
33	Neural network for determining the characteristic points of the bars. <i>Ocean Engineering</i> , <b>2017</b> , 136, 141-151	3.51	15
32	The effects of sediment used in beach nourishment: Study case El Portet de Moraira beach. <i>Science of the Total Environment</i> , <b>2018</b> , 628-629, 64-73	10.2	14
31	Study of the evolution of gravel beaches nourished with sand. <i>Science of the Total Environment</i> , <b>2018</b> , 626, 87-95	10.2	13
30	Evaluation of coastal management: Study case in the province of Alicante, Spain. <i>Science of the Total Environment</i> , <b>2016</b> , 572, 1184-1194	10.2	12
29	The multifunctional artificial reef and its role in the defence of the Mediterranean coast. <i>Science of the Total Environment</i> , <b>2016</b> , 550, 910-923	10.2	12
28	The erosion on the east coast of Spain: Wear of particles, mineral composition, carbonates and Posidonia oceanica. <i>Science of the Total Environment</i> , <b>2016</b> , 572, 487-497	10.2	11
27	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. <i>Science of the Total Environment</i> , <b>2018</b> , 634, 739-748	10.2	10
26	New Methodology for the Classification of Gravel Beaches: Adjusted on Alicante (Spain). <i>Journal of Coastal Research</i> , <b>2015</b> , 314, 1023-1034	0.6	9
25	Galerkin's formulation of the finite elements method to obtain the depth of closure. <i>Science of the Total Environment</i> , <b>2019</b> , 660, 1256-1263	10.2	8
24	Depth of closure: New calculation method based on sediment data. <i>International Journal of Sediment Research</i> , <b>2018</b> , 33, 198-207	3	8
23	Gravel beaches nourishment: Modelling the equilibrium beach profile. <i>Science of the Total Environment</i> , <b>2018</b> , 619-620, 772-783	10.2	8

22	Modelling the cross-shore beach profiles of sandy beaches with <i>Posidonia oceanica</i> using artificial neural networks: Murcia (Spain) as study case. <i>Applied Ocean Research</i> , <b>2018</b> , 74, 205-216	3.4	7
21	Artificial neural network modeling of cross-shore profile on sand beaches: The coast of the province of Valencia (Spain). <i>Marine Georesources and Geotechnology</i> , <b>2018</b> , 36, 698-708	2.2	7
20	Numerical modelling of the equilibrium profile in Valencia (Spain). <i>Ocean Engineering</i> , <b>2016</b> , 123, 164-173.	3.9	7
19	Validating UAS-Based Photogrammetry with Traditional Topographic Methods for Surveying Dune Ecosystems in the Spanish Mediterranean Coast. <i>Journal of Marine Science and Engineering</i> , <b>2019</b> , 7, 297	2.4	7
18	Concessions within the maritime-terrestrial public domain on the beaches of southeastern Spain. <i>Ocean and Coastal Management</i> , <b>2018</b> , 161, 156-164	3.9	7
17	Factors influencing the retreat of the coastline. <i>International Journal of Computational Methods and Experimental Measurements</i> , <b>2017</b> , 5, 741-749	1	6
16	Mineralogy and morphology of sand: Key parameters in the durability for its use in artificial beach nourishment. <i>Science of the Total Environment</i> , <b>2018</b> , 639, 186-194	10.2	6
15	New ICT-based index for beach quality management. <i>Science of the Total Environment</i> , <b>2019</b> , 684, 221-228.	10.2	4
14	Morphological classification of microtidal sand and gravel beaches. <i>Ocean Engineering</i> , <b>2015</b> , 109, 309-319	3.9	4
13	Analysis and modelling of cross-shore profile of gravel beaches in the province of Alicante. <i>Ocean Engineering</i> , <b>2016</b> , 118, 173-186	3.9	4
12	Modelling the cross-shore profiles of sand beaches using artificial neural networks. <i>Marine Georesources and Geotechnology</i> , <b>2019</b> , 37, 683-694	2.2	4
11	Using the Presence of Seagrass <i>Posidonia oceanica</i> to Model the Equilibrium Profile Parameter A of Sandy Beaches in Spain. <i>Journal of Coastal Research</i> , <b>2017</b> , 335, 1074-1085	0.6	3
10	Factors influencing the rate of beach sand wear: Activation layer thickness and sediment durability. <i>Science of the Total Environment</i> , <b>2019</b> , 658, 367-373	10.2	3
9	A software application to obtain the depth of closure from beach profile data. <i>International Journal of Computational Methods and Experimental Measurements</i> , <b>2017</b> , 5, 750-759	1	2
8	60 Years of Urban Development in Denia and Its Influence on the Marineta Cassiana Beach. <i>International Journal of Sustainable Development and Planning</i> , <b>2017</b> , 12, 678-686	2	2
7	Water Quality of the Beach in an Urban and Not Urban Environment. <i>International Journal of Sustainable Development and Planning</i> , <b>2017</b> , 12, 713-723	2	2
6	Determination of the study period necessary for calculating the equilibrium beach profile and the depth of closure. <i>Applied Ocean Research</i> , <b>2020</b> , 94, 102005	3.4	2
5	Consequences of Anthropic Actions in Cullera Bay (Spain). <i>Journal of Marine Science and Engineering</i> , <b>2020</b> , 8, 240	2.4	1

- 4 Experiences with beach nourishments on the coast of Alicante, Spain. *Proceedings E Report*,441-450 1
- 3 Classification of Sediment Quality according to Its Behavior in the Accelerated Particle Wear Test (APW). *Sustainability*, **2021**, 13, 2633 3.6 0
- 2 Relationship between shoreline evolution and sediment wear. *Proceedings E Report*,432-440
- 1 Finite elements method based on Galerkin's formulation for predicting the sand bars position. *Marine Georesources and Geotechnology*, **2021**, 39, 962-973 2.2