

Isabel Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

478
citations

687220

13
h-index

752573

20
g-index

51
all docs

51
docs citations

51
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.9	50
2	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.	3.9	40
3	Beach nourishment impact on Posidonia oceanica: Case study of Poniente Beach (Benidorm, Spain). Ocean Engineering, 2015, 107, 1-12.	1.9	31
4	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.	3.9	29
5	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.	3.9	22
6	Modelling of Escherichia coli concentrations in bathing water at microtidal coasts. Science of the Total Environment, 2017, 593-594, 173-181.	3.9	22
7	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.	3.9	20
8	The multifunctional artificial reef and its role in the defence of the Mediterranean coast. Science of the Total Environment, 2016, 550, 910-923.	3.9	19
9	Neural network for determining the characteristic points of the bars. Ocean Engineering, 2017, 136, 141-151.	1.9	19
10	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.	1.2	18
11	Study of the evolution of gravel beaches nourished with sand. Science of the Total Environment, 2018, 626, 87-95.	3.9	16
12	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.	3.9	15
13	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.	3.9	15
14	Evaluation of coastal management: Study case in the province of Alicante, Spain. Science of the Total Environment, 2016, 572, 1184-1194.	3.9	13
15	New Methodology for the Classification of Gravel Beaches: Adjusted on Alicante (Spain). Journal of Coastal Research, 2015, 314, 1023-1034.	0.1	12
16	Depth of closure: New calculation method based on sediment data. International Journal of Sediment Research, 2018, 33, 198-207.	1.8	12
17	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.	1.2	11
18	Gravel beaches nourishment: Modelling the equilibrium beach profile. Science of the Total Environment, 2018, 619-620, 772-783.	3.9	10

#	ARTICLE	IF	CITATIONS
19	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> , 2018, 74, 205-216.	1.8	10
20	Mineralogy and morphology of sand: Key parameters in the durability for its use in artificial beach nourishment. <i>Science of the Total Environment</i> , 2018, 639, 186-194.	3.9	9
21	Galerkin's formulation of the finite elements method to obtain the depth of closure. <i>Science of the Total Environment</i> , 2019, 660, 1256-1263.	3.9	9
22	Factors influencing the retreat of the coastline. <i>International Journal of Computational Methods and Experimental Measurements</i> , 2017, 5, 741-749.	0.1	9
23	Concessions within the maritime-terrestrial public domain on the beaches of southeastern Spain. <i>Ocean and Coastal Management</i> , 2018, 161, 156-164.	2.0	8
24	Numerical modelling of the equilibrium profile in Valencia (Spain). <i>Ocean Engineering</i> , 2016, 123, 164-173.	1.9	7
25	Morphological classification of microtidal sand and gravel beaches. <i>Ocean Engineering</i> , 2015, 109, 309-319.	1.9	6
26	Analysis and modelling of cross-shore profile of gravel beaches in the province of Alicante. <i>Ocean Engineering</i> , 2016, 118, 173-186.	1.9	5
27	Factors influencing the rate of beach sand wear: Activation layer thickness and sediment durability. <i>Science of the Total Environment</i> , 2019, 658, 367-373.	3.9	5
28	New ICT-based index for beach quality management. <i>Science of the Total Environment</i> , 2019, 684, 221-228.	3.9	4
29	Modelling the cross-shore profiles of sand beaches using artificial neural networks. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 683-694.	1.2	4
30	Determination of the most influential factors in the concentration of bacteria in coastal waters. <i>International Journal of Environmental Impacts Management Mitigation and Recovery</i> , 2018, 1, 61-69.	0.1	4
31	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> , 2017, 335, 1074-1085.	0.1	3
32	60 Years of Urban Development in Denia and Its Influence on the Marineta Cassiana Beach. <i>International Journal of Sustainable Development and Planning</i> , 2017, 12, 678-686.	0.3	3
33	Water Quality of the Beach in an Urban and Not Urban Environment. <i>International Journal of Sustainable Development and Planning</i> , 2017, 12, 713-723.	0.3	3
34	Determination of the study period necessary for calculating the equilibrium beach profile and the depth of closure. <i>Applied Ocean Research</i> , 2020, 94, 102005.	1.8	2
35	A software application to obtain the depth of closure from beach profile data. <i>International Journal of Computational Methods and Experimental Measurements</i> , 2017, 5, 750-759.	0.1	2
36	Causes of the different behaviour against erosion: Study case of the Benidorm Beaches (1956â€“2021). <i>Marine Georesources and Geotechnology</i> , 2023, 41, 648-661.	1.2	2

#	ARTICLE	IF	CITATIONS
37	Influence of Maritime Construction within Protected Archaeological Sites along Coastal Areas: Los Baños De La Reina (Alicante), Spain. Journal of Coastal Research, 2016, 33, 642.	0.1	1
38	Consequences of Anthropic Actions in Cullera Bay (Spain). Journal of Marine Science and Engineering, 2020, 8, 240.	1.2	1
39	Classification of Sediment Quality according to Its Behavior in the Accelerated Particle Wear Test (APW). Sustainability, 2021, 13, 2633.	1.6	1
40	3D MODELLING OF DUNE ECOSYSTEMS USING PHOTOGRAMMETRY FROM REMOTELY PILOTED AIR SYSTEMS SURVEYS. , 2019, , .		1
41	Alicante Coastal Management for Sustainable Development. International Journal of Sustainable Development and Planning, 2017, 12, 694-703.	0.3	1
42	Sustainable Development City-Beach in Alicante. International Journal of Sustainable Development and Planning, 2017, 12, 704-712.	0.3	1
43	STUDY OF THE RELATIONSHIP BETWEEN THE NUMBER OF TRAVELERS AND BEACH SERVICES IN SPAIN. , 2018, , .		1
44	URBAN GROWTH AND BEACH NOURISHMENT: EXPERIENCES ON THE COAST OF ALICANTE, SPAIN. WIT Transactions on the Built Environment, 2018, , .	0.0	1
45	Experiences with beach nourishments on the coast of Alicante, Spain. Proceedings E Report, 0, , 441-450.	0.0	1
46	Finite elements method based on Galerkin's formulation for predicting the sand bars position. Marine Georesources and Geotechnology, 2021, 39, 962-973.	1.2	0
47	A methodology for the classification of gravel beaches. , 2015, , .		0
48	Alicante Beach- City Sustainable Development. International Journal of Sustainable Development and Planning, 2017, 12, 687-693.	0.3	0
49	Relative position of the size of sediments in the cross-shore profile. International Journal of Sustainable Development and Planning, 2017, 12, 1215-1222.	0.3	0
50	OPTIMISATION OF MODELS FOR THE DETERMINATION OF THE CREST OF BARS ON SANDY BEACHES. , 2019, , .		0
51	Relationship between shoreline evolution and sediment wear. Proceedings E Report, 0, , 432-440.	0.0	0