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List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

2,365
citations

218592

26
h-index

206029

48
g-index

55
all docs

55
docs citations

55
times ranked

3204
citing authors

#	ARTICLE	IF	CITATIONS
1	Marine spatial planning and ocean accounting: Synergistic tools enhancing integration in ocean governance. <i>Marine Policy</i> , 2022, 136, 104936.	1.5	13
2	The emerging intersection between marine spatial planning and ocean accounting: A global review and case studies. <i>Marine Policy</i> , 2022, 140, 105055.	1.5	3
3	A Bayesian Network model to identify suitable areas for offshore wave energy farms, in the framework of ecosystem approach to marine spatial planning. <i>Science of the Total Environment</i> , 2022, 838, 156037.	3.9	4
4	Morphosedimentary characterization of the Capbreton submarine canyon system, Bay of Biscay (Cantabrian Sea). <i>Estuarine, Coastal and Shelf Science</i> , 2022, 274, 107955.	0.9	3
5	Defining Cost-Effective Solutions in Designing Marine Protected Areas, Using Systematic Conservation Planning. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5
6	Spatial overlap between human activities and seabed habitats in European Seas: Insights into EMODnet's data for management purposes. <i>Marine Policy</i> , 2021, 130, 104551.	1.5	5
7	Operationalisation of ecosystem services in support of ecosystem-based marine spatial planning: insights into needs and recommendations. <i>Marine Policy</i> , 2021, 131, 104609.	1.5	20
8	Macrofaunal variability in the continental shelf and canyons in the southeastern Bay of Biscay. <i>Regional Studies in Marine Science</i> , 2021, 48, 102012.	0.4	3
9	Towards a framework for fishing route optimization decision support systems: Review of the state-of-the-art and challenges. <i>Journal of Cleaner Production</i> , 2021, 320, 128661.	4.6	14
10	A new framework and tool for ecological risk assessment of wave energy converters projects. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 151, 111539.	8.2	14
11	Dataset of macrobenthic species, organic matter content and grain-size distribution in surficial seafloor sediments in outer continental shelf, pockmark fields and Capbreton Canyon tributaries in the southeastern Bay of Biscay. <i>Data in Brief</i> , 2021, 39, 107464.	0.5	3
12	Continental shelf, canyons and pockmark fields in the southeastern Bay of Biscay. , 2020, , 769-781.		3
13	Key issues for a transboundary and ecosystem-based maritime spatial planning in the Bay of Biscay. <i>Marine Policy</i> , 2020, 120, 104131.	1.5	10
14	Submerged Marine Terraces Identification and an Approach for Numerical Modeling the Sequence Formation in the Bay of Biscay (Northeastern Iberian Peninsula). <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	14
15	Global stakeholder vision for ecosystem-based marine aquaculture expansion from coastal to offshore areas. <i>Reviews in Aquaculture</i> , 2020, 12, 2061-2079.	4.6	40
16	Towards an understanding of the spatial relationships between natural capital and maritime activities: A Bayesian Belief Network approach. <i>Ecosystem Services</i> , 2019, 40, 101034.	2.3	18
17	End users' perspective on decision support tools in marine spatial planning. <i>Marine Policy</i> , 2019, 108, 103658.	1.5	20
18	A modelling approach for offshore wind farm feasibility with respect to ecosystem-based marine spatial planning. <i>Science of the Total Environment</i> , 2019, 667, 306-317.	3.9	30

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19	A review of the influence of marine habitat classification schemes on mapping studies: inherent assumptions, influence on end products, and suggestions for future developments. <i>ICES Journal of Marine Science</i> , 2019, 76, 10-22.	1.2	31
20	A GIS-based tool for an integrated assessment of spatial planning trade-offs with aquaculture. <i>Science of the Total Environment</i> , 2018, 627, 1644-1655.	3.9	69
21	Conflict analysis and reallocation opportunities in the framework of marine spatial planning: A novel, spatially explicit Bayesian belief network approach for artisanal fishing and aquaculture. <i>Marine Policy</i> , 2018, 94, 119-131.	1.5	38
22	Maritime ecosystem-based management in practice: Lessons learned from the application of a generic spatial planning framework in Europe. <i>Marine Policy</i> , 2017, 75, 174-186.	1.5	45
23	Decision support tools in marine spatial planning: Present applications, gaps and future perspectives. <i>Marine Policy</i> , 2017, 83, 83-91.	1.5	141
24	Uses of Innovative Modeling Tools within the Implementation of the Marine Strategy Framework Directive. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	32
25	Spatial and temporal response of multiple trait-based indices to natural- and anthropogenic seafloor disturbance (effluents). <i>Ecological Indicators</i> , 2016, 69, 617-628.	2.6	35
26	Comparison of supervised and unsupervised automatic classification methods for sediment types mapping using multibeam echosounder and grab sampling. <i>Italian Journal of Geosciences</i> , 2015, 134, 41-49.	0.4	10
27	Using ecological models to assess ecosystem status in support of the European Marine Strategy Framework Directive. <i>Ecological Indicators</i> , 2015, 58, 175-191.	2.6	97
28	Benthic habitat mapping on the Basque continental shelf (SE Bay of Biscay) and its application to the European Marine Strategy Framework Directive. <i>Journal of Sea Research</i> , 2015, 100, 70-76.	0.6	26
29	Distribution of river-borne particulate Pb in the Basque continental shelf (Bay of Biscay). <i>Environmental Earth Sciences</i> , 2015, 74, 4261-4279.	1.3	3
30	Broad-scale mapping of seafloor habitats in the north-east Atlantic using existing environmental data. <i>Journal of Sea Research</i> , 2015, 100, 120-132.	0.6	28
31	Assessing uncertainty associated with the monitoring and evaluation of spatially managed areas. <i>Marine Policy</i> , 2015, 51, 151-162.	1.5	22
32	Benthos distribution modelling and its relevance for marine ecosystem management. <i>ICES Journal of Marine Science</i> , 2015, 72, 297-315.	1.2	123
33	Sources and spatial distribution of polycyclic aromatic hydrocarbons in coastal sediments of the Basque Country (Bay of Biscay). <i>Chemistry and Ecology</i> , 2014, 30, 701-718.	0.6	14
34	Mapping ecosystem services provided by benthic habitats in the European North Atlantic Ocean. <i>Frontiers in Marine Science</i> , 2014, 1, .	1.2	78
35	Total fishing pressure produced by artisanal fisheries, from a Marine Spatial Planning perspective: A case study from the Basque Country (Bay of Biscay). <i>Fisheries Research</i> , 2013, 147, 240-252.	0.9	18
36	Source characterization and spatio-temporal evolution of the metal pollution in the sediments of the Basque estuaries (Bay of Biscay). <i>Marine Pollution Bulletin</i> , 2013, 66, 25-38.	2.3	38

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37	A process-driven sedimentary habitat modelling approach, explaining seafloor integrity and biodiversity assessment within the European Marine Strategy Framework Directive. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 131, 194-205.	0.9	18
38	Spatial distribution of metal accumulation areas on the continental shelf of the Basque Country (Bay of Biscay). <i>Estuarine, Coastal and Shelf Science</i> , 2013, 131, 194-205.	0.9	9
39	Monitoring and evaluation of spatially managed areas: A generic framework for implementation of ecosystem based marine management and its application. <i>Marine Policy</i> , 2013, 37, 149-164.	1.5	86
40	Rocky Reef and Sedimentary Habitats Within the Continental Shelf of the Southeastern Bay of Biscay. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 94, 493-507.		3
41	Using EUNIS habitat classification for benthic mapping in European seas: Present concerns and future needs. <i>Marine Pollution Bulletin</i> , 2012, 64, 2630-2638.	2.3	87
42	A Marine Spatial Planning Approach to Select Suitable Areas for Installing Wave Energy Converters (WECs), on the Basque Continental Shelf (Bay of Biscay). <i>Coastal Management</i> , 2012, 40, 1-19.	1.0	43
43	Implementation of the European Marine Strategy Framework Directive: A methodological approach for the assessment of environmental status, from the Basque Country (Bay of Biscay). <i>Marine Pollution Bulletin</i> , 2011, 62, 889-904.	2.3	140
44	Modelling suitable estuarine habitats for <i>Zostera noltii</i> , using Ecological Niche Factor Analysis and Bathymetric LiDAR. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 94, 144-154.	0.9	52
45	Marine biological valuation mapping of the Basque continental shelf (Bay of Biscay), within the context of marine spatial planning. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 95, 186-198.	0.9	32
46	Capabilities of the bathymetric Hawk Eye LiDAR for coastal habitat mapping: A case study within a Basque estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 89, 200-213.	0.9	80
47	Morphological characteristics of the Basque continental shelf (Bay of Biscay, northern Spain); their implications for Integrated Coastal Zone Management. <i>Geomorphology</i> , 2010, 118, 314-329.	1.1	71
48	Predicting suitable habitat for the European lobster (<i>Homarus gammarus</i>), on the Basque continental shelf (Bay of Biscay), using Ecological-Niche Factor Analysis. <i>Ecological Modelling</i> , 2009, 220, 556-567.	1.2	100
49	Human impacts overwhelm the effects of sea-level rise on Basque coastal habitats (N Spain) between 1954 and 2004. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 84, 453-462.	0.9	46
50	Coastal and estuarine habitat mapping, using LiDAR height and intensity and multi-spectral imagery. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 78, 633-643.	0.9	148
51	Investigative monitoring within the European Water Framework Directive: a coastal blast furnace slag disposal, as an example. <i>Journal of Environmental Monitoring</i> , 2008, 10, 453.	2.1	42
52	The European Water Framework Directive and the DPSIR, a methodological approach to assess the risk of failing to achieve good ecological status. <i>Estuarine, Coastal and Shelf Science</i> , 2006, 66, 84-96.	0.9	329
53	Morphodynamic study of the Ondarraeta Beach in San Sebastian (Spain). <i>WIT Transactions on Ecology and the Environment</i> , 2006, 94, 1-10.	0.0	2