JosÃ© A. Juanes

List of Publications by Year
in descending order

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111	2,290	201674	289244
papers	citations	27 h-index	40 g-index

114	114	114	2622
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Macroalgae, a suitable indicator of the ecological status of coastal rocky communities in the NE Atlantic. Ecological Indicators, 2008, 8, 351-359.	6.3	140
2	Marine renewable energy potential: A global perspective for offshore wind and wave exploitation. Energy Conversion and Management, 2018, 177, 43-54.	9.2	87
3	The Prestige Oil Spill in Cantabria (Bay of Biscay). Part I: Operational Forecasting System for Quick Response, Risk Assessment, and Protection of Natural Resources. Journal of Coastal Research, 2006, 226, 1474-1489.	0.3	76
4	Surface water resources assessment in scarcely gauged basins in the north of Spain. Journal of Hydrology, 2008, 356, 312-326.	5.4	73
5	Distributional shifts of canopy-forming seaweeds from the Atlantic coast of Southern Europe. Biodiversity and Conservation, 2019, 28, 1151-1172.	2.6	73
6	Spatial and seasonal variability of macroinvertebrate metrics: Do macroinvertebrate communities track river health?. Ecological Indicators, 2010, 10, 370-379.	6.3	58
7	Comparison of two methods for quality assessment of macroalgae assemblages, under different pollution types. Ecological Indicators, 2008, 8, 743-753.	6.3	57
8	Oil spill vulnerability assessment integrating physical, biological and socio-economical aspects: Application to the Cantabrian coast (Bay of Biscay, Spain). Journal of Environmental Management, 2009, 91, 149-159.	7.8	46
9	Spatial and temporal flushing time approach in estuaries influenced by river and tide. An application in Suances Estuary (Northern Spain). Estuarine, Coastal and Shelf Science, 2012, 112, 40-51.	2.1	46
10	Ecological assessment of soft bottom benthic communities in northern Spanish estuaries. Ecological Indicators, 2008, 8, 373-388.	6.3	44
11	Recreation in coastal waters: health risks associated with bathing in sea water. Journal of Epidemiology and Community Health, 2001, 55, 442-447.	3.7	43
12	Urban blue: A global analysis of the factors shaping people's perceptions of the marine environment and ecological engineering in harbours. Science of the Total Environment, 2019, 658, 1293-1305.	8.0	42
13	Modelling the area of occupancy of habitat types with remote sensing. Methods in Ecology and Evolution, 2018, 9, 580-593.	5.2	41
14	Does expansion of the introduced Manila clam Ruditapes philippinarum cause competitive displacement of the European native clam Ruditapes decussatus?. Journal of Experimental Marine Biology and Ecology, 2013, 445, 44-52.	1.5	39
15	Coastal waters classification based on physical attributes along the NE Atlantic region. An approach for rocky macroalgae potential distribution. Estuarine, Coastal and Shelf Science, 2012, 112, 105-114.	2.1	38
16	Assesment of the response of a shallow macrotidal estuary to changes in hydrological and wastewater inputs through numerical modelling. Ecological Modelling, 2010, 221, 1194-1208.	2.5	37
17	Ecological classification of European transitional waters in the North-East Atlantic eco-region. Estuarine, Coastal and Shelf Science, 2010, 87, 442-450.	2.1	36
18	Methodological procedure for water quality management in port areas at the EU level. Ecological Indicators, 2012, 13, 117-128.	6.3	36

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19	Assessing the effects of treated and untreated urban discharges to estuarine and coastal waters applying selected biomarkers on caged mussels. Marine Pollution Bulletin, 2013, 77, 251-265.	5.0	35
20	A comparison of the degree of implementation of marine biodiversity indicators by European countries in relation to the Marine Strategy Framework Directive (MSFD). Journal of the Marine Biological Association of the United Kingdom, 2015, 95, 1519-1531.	0.8	35
21	Assessment of the effects of a marine urban outfall discharge on caged mussels using chemical and biomarker analysis. Marine Pollution Bulletin, 2012, 64, 563-573.	5.0	34
22	Climate change induced range shifts in seaweeds distributions in Europe. Marine Environmental Research, 2019, 148, 1-11.	2.5	34
23	Differential distribution pattern of native Ruditapes decussatus and introduced Ruditapes phillippinarum clam populations in the Bay of Santander (Gulf of Biscay): Considerations for fisheries management. Ocean and Coastal Management, 2012, 69, 316-326.	4.4	33
24	Assessing the risk of marine litter accumulation in estuarine habitats. Marine Pollution Bulletin, 2019, 144, 117-128.	5.0	33
25	Long-term analysis of Zostera noltei: A retrospective approach for understanding seagrasses' dynamics. Marine Environmental Research, 2017, 130, 93-105.	2.5	31
26	Environmental risk assessment of water quality in harbor areas: A new methodology applied to European ports. Journal of Environmental Management, 2015, 155, 77-88.	7.8	29
27	Co-location opportunities for renewable energies and aquaculture facilities in the Canary Archipelago. Ocean and Coastal Management, 2018, 166, 62-71.	4.4	28
28	Testing taxonomic resolution, data transformation and selection of species for monitoring macroalgae communities. Estuarine, Coastal and Shelf Science, 2008, 78, 327-340.	2.1	27
29	LARVAHS: Predicting clam larval dispersal and recruitment using habitat suitability-based particle tracking model. Ecological Modelling, 2013, 268, 78-92.	2.5	27
30	A methodology to assess the probability of marine litter accumulation in estuaries. Marine Pollution Bulletin, 2019, 144, 309-324.	5.0	26
31	Modelling the coliforms inactivation rates in the Cantabrian sea (Bay of Biscay) From and laboratory determinations of T. Water Science and Technology, 1995, 32, 37.	2.5	25
32	A pragmatic approach to define the ecological potential of water bodies heavily modified by the presence of ports. Environmental Science and Policy, 2013, 33, 320-331.	4.9	25
33	Mapping the environmental risk assessment of marinas on water quality: The Atlas of the Spanish coast. Marine Pollution Bulletin, 2019, 139, 355-365.	5.0	25
34	Medium-term responses of rocky bottoms to sewage discharges from a deepwater outfall in the NE Atlantic. Marine Pollution Bulletin, 2007, 54, 941-954.	5.0	23
35	Microdistribution patterns of macroinvertebrate communities upstream and downstream of organic effluents. Water Research, 2011, 45, 1501-1511.	11.3	23
36	Spatial distribution pattern analysis of subtidal macroalgae assemblages by a non-destructive rapid assessment method. Journal of Sea Research, 2012, 67, 34-43.	1.6	23

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37	An ecological classification of rocky shores at a regional scale: a predictive tool for management of conservation values. Marine Ecology, 2016, 37, 311-328.	1.1	23
38	Predicting coexistence and predominance patterns between the introduced Manila clam (Ruditapes) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Science, 2015, 152, 162-172.	2.1	21
39	Atlas of susceptibility to pollution in marinas. Application to the Spanish coast. Marine Pollution Bulletin, 2017, 114, 239-246.	5.0	21
40	Baseline study of soft bottom benthic assemblages in the Bay of Santander (Gulf of Biscay). Hydrobiologia, 2002, 475/476, 141-149.	2.0	20
41	Agroecosystems and conservation of migratory waterbirds: importance of coastal pastures and factors influencing their use by wintering shorebirds. Biodiversity and Conservation, 2013, 22, 1895-1907.	2.6	20
42	Assessment of susceptibility to pollution in littoral waters using the concept of recovery time. Marine Pollution Bulletin, 2014, 81, 140-148.	5.0	20
43	Measuring biological responses at different levels of organisation to assess the effects of diffuse contamination derived from harbour and industrial activities in estuarine areas. Marine Pollution Bulletin, 2016, 103, 301-312.	5.0	20
44	Quantifying and mapping the vulnerability of estuaries to point-source pollution using a multi-metric assessment: The Estuarine Vulnerability Index (EVI). Ecological Indicators, 2017, 76, 159-169.	6.3	20
45	Biological criteria for the exploitation of the commercially important species of Gelidium in Spain. Hydrobiologia, 1991, 221, 45-54.	2.0	19
46	Medium-term assessment of the effects of the Prestige oil spill on estuarine benthic communities in Cantabria (Northern Spain, Bay of Biscay). Marine Pollution Bulletin, 2009, 58, 487-495.	5.0	19
47	Assessment of the effects of a port expansion on algae appearance in a costal bay through mathematical modelling. Application to San Lorenzo Bay (North Spain). Ecological Modelling, 2010, 221, 1413-1426.	2.5	19
48	Improving public engagement in ICZM: A practical approach. Journal of Environmental Management, 2012, 109, 123-135.	7.8	19
49	Average vs. extreme salinity conditions: Do they equally affect the distribution of macroinvertebrates in estuarine environments?. Limnology and Oceanography, 2016, 61, 984-1000.	3.1	18
50	Transport time scales as physical descriptors to characterize heavily modified water bodies near ports in coastal zones. Journal of Environmental Management, 2014, 136, 76-84.	7.8	17
51	Biological validation of physical coastal waters classification along the NE Atlantic region based on rocky macroalgae distribution. Estuarine, Coastal and Shelf Science, 2014, 147, 103-112.	2.1	17
52	ThePrestigeOil Spill in Cantabria (Bay of Biscay). Part II. Environmental Assessment and Monitoring of Coastal Ecosystems. Journal of Coastal Research, 2007, 234, 978-992.	0.3	16
53	Macroinvertebrate community dynamics in a temperate European Atlantic river. Do they conform to general ecological theory?. Hydrobiologia, 2011, 658, 277-291.	2.0	16
54	A methodological approach to evaluate progress and public participation in ICZM: The case of the Cantabria Region, Spain. Ocean and Coastal Management, 2012, 59, 63-76.	4.4	16

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55	Estimating a new suitable catch size for two clam species: Implications for shellfishery management. Ocean and Coastal Management, 2013, 71, 52-63.	4.4	15
56	The Quality of Rocky Bottoms index (CFR): A validated method for the assessment of macroalgae according to the European Water Framework Directive. Marine Environmental Research, 2014, 102, 3-10.	2.5	15
57	The role of geomorphology in the distribution of intertidal rocky macroalgae in the NE Atlantic region. Estuarine, Coastal and Shelf Science, 2016, 179, 90-98.	2.1	15
58	Bloom forming and toxic phytoplankton in transitional and coastal waters of Cantabria region coast (Southeastern Bay of Biscay, Spain). Marine Pollution Bulletin, 2012, 64, 2860-2866.	5.0	14
59	Geographic patterns of biodiversity in European coastal marine benthos. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 507-523.	0.8	14
60	A global integrated analysis of open sea fish farming opportunities. Aquaculture, 2018, 497, 234-245.	3.5	14
61	A global atlas of the environmental risk of marinas on water quality. Marine Pollution Bulletin, 2019, 149, 110661.	5.0	14
62	Mapping estuarine vegetation using satellite imagery: The case of the invasive species Baccharis halimifolia at a Natura 2000 site. Continental Shelf Research, 2019, 174, 35-47.	1.8	14
63	Title is missing!. Hydrobiologia, 2002, 475/476, 205-211.	2.0	13
64	Estimating minimum environmental flow requirements for well-mixed estuaries in Spain. Estuarine, Coastal and Shelf Science, 2013, 134, 138-149.	2.1	13
65	Integration of hydrological and habitat simulation methods to define minimum environmental flows at the basin scale. Water and Environment Journal, 2014, 28, 252-260.	2.2	13
66	Prioritization maps: The integration of environmental risks to manage water quality in harbor areas. Marine Pollution Bulletin, 2016, 111, 57-67.	5.0	12
67	Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 539-547.	0.8	11
68	Ecological typologies of large areas. An application in the Mediterranean Sea. Journal of Environmental Management, 2018, 205, 59-72.	7.8	11
69	OCLE: A European open access database on climate change effects on littoral and oceanic ecosystems. Progress in Oceanography, 2018, 168, 222-231.	3.2	11
70	Changes in the distribution of intertidal macroalgae along a longitudinal gradient in the northern coast of Spain. Marine Environmental Research, 2020, 157, 104930.	2.5	11
71	Coastal outfalls, a sustainable alternative for improving water quality in north-east Atlantic estuaries. Journal of Environmental Monitoring, 2010, 12, 1737.	2.1	10
72	The role of physical variables in biodiversity patterns of intertidal macroalgae along European coasts. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 549-560.	0.8	10

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73	Relationships between lines of evidence of pollution in estuarine areas: Linking contaminant levels with biomarker responses in mussels and with structure of macroinvertebrate benthic communities. Marine Environmental Research, 2016, 121, 49-63.	2.5	9
74	A first approach to stock assessment of the sea urchin Paracentrotus lividus (Lamarck, 1816) in Cantabria (Bay of Biscay). Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 561-570.	0.8	9
75	Temporal transferability of marine distribution models: The role of algorithm selection. Ecological Indicators, 2019, 106, 105499.	6.3	9
76	Climate change effects on marine renewable energy resources and environmental conditions for offshore aquaculture in Europe. ICES Journal of Marine Science, 2020, 77, 3168-3182.	2.5	9
77	Monitoring of Sewage outfalls in Northern Spain: Preliminary studies of benthic communities. Water Science and Technology, 1995, 32, 289.	2.5	8
78	Application of landscape mosaics for the assessment of subtidal macroalgae communities using the CFR index. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 106, 207-215.	1.4	8
79	Vulnerability of Zostera noltei to Sea Level Rise: the Use of Clustering Techniques in Climate Change Studies. Estuaries and Coasts, 2020, 43, 2063-2075.	2.2	8
80	Characterization of a resilient seagrass meadow during a decline period. Scientia Marina, 2018, 82, 67.	0.6	8
81	Environmental Risk Assessment of dredging processes â€“ application to Marin harbour (NW Spain). Advances in Geosciences, 0, 39, 101-106.	12.0	8
82	A 3-D model to analyze environmental effects of dredging operations â€“ application to the Port of Marin, Spain. Advances in Geosciences, 0, 39, 95-99.	12.0	8
83	The Influence of Hydromorphological Stressors on Estuarine Vegetation Indicators. Estuaries and Coasts, 2013, 36, 997-1005.	2.2	7
84	Assessment of the effects of discontinuous sources of contamination through biomarker analyses on caged mussels. Science of the Total Environment, 2018, 634, 116-126.	8.0	7
85	Invasive potential of Baccharis halimifolia: Experimental characterization of its establishment capacity. Environmental and Experimental Botany, 2019, 162, 444-454.	4.2	7
86	A global approach to mapping the environmental risk of harbours on aquatic systems. Marine Policy, 2020, 119, 104051.	3.2	7
87	Large-scale fuel deposition patterns on northern Spanish shores following the â€˜Prestigeâ€™ oil spill. Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 463-468.	0.8	5
88	Nested Socio-Ecological Maps as a Spatial Planning Instrument for Estuary Conservation and Ecosystem-Based Management. Frontiers in Marine Science, 2021, 8, .	2.5	5
89	A model for predicting the temporal evolution of dissolved oxygen concentration in shallow estuaries. , 2002, , 205-211.		5
90	Productivity of Chondrus crispus Stackhouse (Rhodophyta, Gigartinales) in Sublittoral Prince Edward Island, Canada. I. Seasonal Pattern. Botanica Marina, 1992, 35, .	1.2	4

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91	A management approach for the ecological integrity of NE Atlantic estuaries. Ecological Indicators, 2015, 52, 105-115.	6.3	4
92	A hierarchical ecological classification system along the NE Atlantic coast: focusing on the local scale (Cantabria, N Spain). European Journal of Phycology, 2017, 52, 75-89.	2.0	4
93	OIL SPILL VULNERABILITY ATLAS FOR THE CANTABRIAN COAST (BAY OF BISCAY, SPAIN). International Oil Spill Conference Proceedings, 2008, 2008, 137-144.	0.1	4
94	Productivity of Chondrus crispus Stackhouse (Rhodophyta, Gigartinales) in Sublittoral Prince Edward Island, Canada. II. Influence of Temperature and Nitrogen Reserves. Botanica Marina, 1992, 35, .	1.2	3
95	The European bathing water directive: application and consequences in quality monitoring programs. Journal of Environmental Monitoring, 2010, 12, 369-376.	2.1	3
96	Assessing the suitability of the minimum capture size and protection regimes in the gooseneck barnacle shellfishery. Ocean and Coastal Management, 2015, 104, 150-158.	4.4	3
97	Are environmental risk estimations linked to the actual environmental impact? Application to an oil handling facility (NE Spain). Marine Pollution Bulletin, 2017, 114, 941-951.	5.0	3
98	Experimental and Numerical Modelling of an Offshore Aquaculture Cage for Open Ocean Waters. , 2018, , .		3
99	Santander Bay: Multiuse and multiuser socioecological space. Regional Studies in Marine Science, 2020, 34, 101034.	0.7	3
100	Baseline study of soft bottom benthic assemblages in the Bay of Santander (Gulf of Biscay). , 2002, , 141-149.		3
101	Answering Environmental European Directives through information systems. , 2011, , .		2
102	A global approach to hierarchical classification of coastal waters at different spatial scales: the NEA case. Journal of the Marine Biological Association of the United Kingdom, 2017, 97, 465-476.	0.8	2
103	Can seedlings' physiological information improve vegetation distribution predictions at local scales?. Biological Invasions, 2020, 22, 2509-2523.	2.4	2
104	Environmental study of the alternatives for the sewer system of a small coastal community in the bay of Biscay. Water Science and Technology, 1999, 39, 161-168.	2.5	2
105	Environmental study of the alternatives for the sewer system of a small coastal community in the bay of biscay. Water Science and Technology, 1999, 39, 161.	2.5	1
106	Monitoring of sewage outfalls in northern spain: preliminary studies of benthic communities. Water Science and Technology, 1995, 32, 289-295.	2.5	1
107	Distribution Patterns of the Gooseneck Barnacle (Pollicipes pollicipes [Gmelin, 1789]) in the Cantabria Region (N Spain): Exploring Different Population Assessment Methods. Journal of Shellfish Research, 2017, 36, 787-797.	0.9	0
108	AMBEMAR-DSS: A Decision Support System for the Environmental Impact Assessment of Marine Renewable Energies. , 2018, , .		0

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109	Development of a Tool to Identify Potential Zones for Offshore Aquaculture: A Global Case Study for Greater Amberjack. , 2018, , .		0
110	ENVIRONMENTAL DESIGN OF BILBAO SUBMARINE OUTFALL (SPAIN). , 2005, , .		0
111	Seguimiento ambiental del saneamiento integral de la bahÃa de Santander: alcance y primeros resultados.. IngenierÃa Del Agua, 2007, 14, 37.	0.4	0