

# JosÃ© A. Juanes

## List of Publications by Year in descending order

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Version: 2024-02-01

111  
papers

2,290  
citations

201674

27  
h-index

289244

40  
g-index

114  
all docs

114  
docs citations

114  
times ranked

2622  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Nested Socio-Ecological Maps as a Spatial Planning Instrument for Estuary Conservation and Ecosystem-Based Management. <i>Frontiers in Marine Science</i> , 2021, 8, .                                      | 2.5 | 5         |
| 2  | Climate change effects on marine renewable energy resources and environmental conditions for offshore aquaculture in Europe. <i>ICES Journal of Marine Science</i> , 2020, 77, 3168-3182.                   | 2.5 | 9         |
| 3  | Vulnerability of <i>Zostera noltei</i> to Sea Level Rise: the Use of Clustering Techniques in Climate Change Studies. <i>Estuaries and Coasts</i> , 2020, 43, 2063-2075.                                    | 2.2 | 8         |
| 4  | A global approach to mapping the environmental risk of harbours on aquatic systems. <i>Marine Policy</i> , 2020, 119, 104051.   | 3.2 | 7         |
| 5  | Changes in the distribution of intertidal macroalgae along a longitudinal gradient in the northern coast of Spain. <i>Marine Environmental Research</i> , 2020, 157, 104930.                                | 2.5 | 11        |
| 6  | Santander Bay: Multiuse and multiuser socioecological space. <i>Regional Studies in Marine Science</i> , 2020, 34, 101034.  | 0.7 | 3         |
| 7  | Can seedlings' physiological information improve vegetation distribution predictions at local scales?. <i>Biological Invasions</i> , 2020, 22, 2509-2523.   | 2.4 | 2         |
| 8  | Temporal transferability of marine distribution models: The role of algorithm selection. <i>Ecological Indicators</i> , 2019, 106, 105499.  | 6.3 | 9         |
| 9  | A global atlas of the environmental risk of marinas on water quality. <i>Marine Pollution Bulletin</i> , 2019, 149, 110661.   | 5.0 | 14        |
| 10 | Mapping the environmental risk assessment of marinas on water quality: The Atlas of the Spanish coast. <i>Marine Pollution Bulletin</i> , 2019, 139, 355-365.   | 5.0 | 25        |
| 11 | Assessing the risk of marine litter accumulation in estuarine habitats. <i>Marine Pollution Bulletin</i> , 2019, 144, 117-128.  | 5.0 | 33        |
| 12 | A methodology to assess the probability of marine litter accumulation in estuaries. <i>Marine Pollution Bulletin</i> , 2019, 144, 309-324.  | 5.0 | 26        |
| 13 | Climate change induced range shifts in seaweeds distributions in Europe. <i>Marine Environmental Research</i> , 2019, 148, 1-11.  | 2.5 | 34        |
| 14 | Invasive potential of <i>Baccharis halimifolia</i> : Experimental characterization of its establishment capacity. <i>Environmental and Experimental Botany</i> , 2019, 162, 444-454.                        | 4.2 | 7         |
| 15 | Distributional shifts of canopy-forming seaweeds from the Atlantic coast of Southern Europe. <i>Biodiversity and Conservation</i> , 2019, 28, 1151-1172.  | 2.6 | 73        |
| 16 | Urban blue: A global analysis of the factors shaping people's perceptions of the marine environment and ecological engineering in harbours. <i>Science of the Total Environment</i> , 2019, 658, 1293-1305. | 8.0 | 42        |
| 17 | Mapping estuarine vegetation using satellite imagery: The case of the invasive species <i>Baccharis halimifolia</i> at a Natura 2000 site. <i>Continental Shelf Research</i> , 2019, 174, 35-47.            | 1.8 | 14        |
| 18 | Assessment of the effects of discontinuous sources of contamination through biomarker analyses on caged mussels. <i>Science of the Total Environment</i> , 2018, 634, 116-126.                              | 8.0 | 7         |

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|----|--|-----|-----------|
| 19 | Modelling the area of occupancy of habitat types with remote sensing. <i>Methods in Ecology and Evolution</i> , 2018, 9, 580-593.  | 5.2 | 41        |
| 20 | Ecological typologies of large areas. An application in the Mediterranean Sea. <i>Journal of Environmental Management</i> , 2018, 205, 59-72.  | 7.8 | 11        |
| 21 | Marine renewable energy potential: A global perspective for offshore wind and wave exploitation. <i>Energy Conversion and Management</i> , 2018, 177, 43-54.   | 9.2 | 87        |
| 22 | AMBEMAR-DSS: A Decision Support System for the Environmental Impact Assessment of Marine Renewable Energies. , 2018, , .   |     | 0         |
| 23 | Development of a Tool to Identify Potential Zones for Offshore Aquaculture: A Global Case Study for Greater Amberjack. , 2018, , .   |     | 0         |
| 24 | OCLE: A European open access database on climate change effects on littoral and oceanic ecosystems. <i>Progress in Oceanography</i> , 2018, 168, 222-231.  | 3.2 | 11        |
| 25 | Experimental and Numerical Modelling of an Offshore Aquaculture Cage for Open Ocean Waters. , 2018, , .  |     | 3         |
| 26 | Co-location opportunities for renewable energies and aquaculture facilities in the Canary Archipelago. <i>Ocean and Coastal Management</i> , 2018, 166, 62-71.   | 4.4 | 28        |
| 27 | A global integrated analysis of open sea fish farming opportunities. <i>Aquaculture</i> , 2018, 497, 234-245.  | 3.5 | 14        |
| 28 | Characterization of a resilient seagrass meadow during a decline period. <i>Scientia Marina</i> , 2018, 82, 67.  | 0.6 | 8         |
| 29 | A global approach to hierarchical classification of coastal waters at different spatial scales: the NEA case. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 465-476.                     | 0.8 | 2         |
| 30 | A hierarchical ecological classification system along the NE Atlantic coast: focusing on the local scale (Cantabria, N Spain). <i>European Journal of Phycology</i> , 2017, 52, 75-89.   | 2.0 | 4         |
| 31 | Quantifying and mapping the vulnerability of estuaries to point-source pollution using a multi-metric assessment: The Estuarine Vulnerability Index (EVI). <i>Ecological Indicators</i> , 2017, 76, 159-169.                     | 6.3 | 20        |
| 32 | A first approach to stock assessment of the sea urchin <i>Paracentrotus lividus</i> (Lamarck, 1816) in Cantabria (Bay of Biscay). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 561-570. | 0.8 | 9         |
| 33 | Consistent patterns of spatial variability between NE Atlantic and Mediterranean rocky shores. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 539-547.                                    | 0.8 | 11        |
| 34 | Geographic patterns of biodiversity in European coastal marine benthos. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 507-523.   | 0.8 | 14        |
| 35 | The role of physical variables in biodiversity patterns of intertidal macroalgae along European coasts. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 549-560.                           | 0.8 | 10        |
| 36 | Are environmental risk estimations linked to the actual environmental impact? Application to an oil handling facility (NE Spain). <i>Marine Pollution Bulletin</i> , 2017, 114, 941-951.   | 5.0 | 3         |

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|----|--|-----|-----------|
| 37 | Long-term analysis of <i>Zostera noltei</i> : A retrospective approach for understanding seagrasses' dynamics. <i>Marine Environmental Research</i> , 2017, 130, 93-105.   | 2.5 | 31        |
| 38 | Atlas of susceptibility to pollution in marinas. Application to the Spanish coast. <i>Marine Pollution Bulletin</i> , 2017, 114, 239-246.  | 5.0 | 21        |
| 39 | Distribution Patterns of the Gooseneck Barnacle ( <i>Pollicipes pollicipes</i> [Gmelin, 1789]) in the Cantabria Region (N Spain): Exploring Different Population Assessment Methods. <i>Journal of Shellfish Research</i> , 2017, 36, 787-797.                       | 0.9 | 0         |
| 40 | Average vs. extreme salinity conditions: Do they equally affect the distribution of macroinvertebrates in estuarine environments?. <i>Limnology and Oceanography</i> , 2016, 61, 984-1000.   | 3.1 | 18        |
| 41 | An ecological classification of rocky shores at a regional scale: a predictive tool for management of conservation values. <i>Marine Ecology</i> , 2016, 37, 311-328.  | 1.1 | 23        |
| 42 | Prioritization maps: The integration of environmental risks to manage water quality in harbor areas. <i>Marine Pollution Bulletin</i> , 2016, 111, 57-67.  | 5.0 | 12        |
| 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. <i>Marine Pollution Bulletin</i> , 2016, 103, 301-312.                          | 5.0 | 20        |
| 44 | 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. <i>Marine Environmental Research</i> , 2016, 121, 49-63.        | 2.5 | 9         |
| 45 | The role of geomorphology in the distribution of intertidal rocky macroalgae in the NE Atlantic region. <i>Estuarine, Coastal and Shelf Science</i> , 2016, 179, 90-98.  | 2.1 | 15        |
| 46 | A comparison of the degree of implementation of marine biodiversity indicators by European countries in relation to the Marine Strategy Framework Directive (MSFD). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 1519-1531. | 0.8 | 35        |
| 47 | Predicting coexistence and predominance patterns between the introduced Manila clam ( <i>Ruditapes</i> ) and the native <i>Tegula</i> spp. <i>Journal of Environmental Management</i> , 2015, 152, 162-172.  | 2.1 | 21        |
| 48 | Environmental risk assessment of water quality in harbor areas: A new methodology applied to European ports. <i>Journal of Environmental Management</i> , 2015, 155, 77-88.  | 7.8 | 29        |
| 49 | A management approach for the ecological integrity of NE Atlantic estuaries. <i>Ecological Indicators</i> , 2015, 52, 105-115.   | 6.3 | 4         |
| 50 | Assessing the suitability of the minimum capture size and protection regimes in the gooseneck barnacle shellfishery. <i>Ocean and Coastal Management</i> , 2015, 104, 150-158.   | 4.4 | 3         |
| 51 | Transport time scales as physical descriptors to characterize heavily modified water bodies near ports in coastal zones. <i>Journal of Environmental Management</i> , 2014, 136, 76-84.  | 7.8 | 17        |
| 52 | Integration of hydrological and habitat simulation methods to define minimum environmental flows at the basin scale. <i>Water and Environment Journal</i> , 2014, 28, 252-260.   | 2.2 | 13        |
| 53 | The Quality of Rocky Bottoms index (CFR): A validated method for the assessment of macroalgae according to the European Water Framework Directive. <i>Marine Environmental Research</i> , 2014, 102, 3-10.   | 2.5 | 15        |
| 54 | Biological validation of physical coastal waters classification along the NE Atlantic region based on rocky macroalgae distribution. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 147, 103-112.   | 2.1 | 17        |

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|----|--|-----|-----------|
| 55 | Assessment of susceptibility to pollution in littoral waters using the concept of recovery time. <i>Marine Pollution Bulletin</i> , 2014, 81, 140-148.   | 5.0 | 20        |
| 56 | Application of landscape mosaics for the assessment of subtidal macroalgae communities using the CFR index. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 106, 207-215.  | 1.4 | 8         |
| 57 | Estimating minimum environmental flow requirements for well-mixed estuaries in Spain. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 134, 138-149.  | 2.1 | 13        |
| 58 | The Influence of Hydromorphological Stressors on Estuarine Vegetation Indicators. <i>Estuaries and Coasts</i> , 2013, 36, 997-1005.  | 2.2 | 7         |
| 59 | Agroecosystems and conservation of migratory waterbirds: importance of coastal pastures and factors influencing their use by wintering shorebirds. <i>Biodiversity and Conservation</i> , 2013, 22, 1895-1907.   | 2.6 | 20        |
| 60 | Estimating a new suitable catch size for two clam species: Implications for shellfishery management. <i>Ocean and Coastal Management</i> , 2013, 71, 52-63.  | 4.4 | 15        |
| 61 | Assessing the effects of treated and untreated urban discharges to estuarine and coastal waters applying selected biomarkers on caged mussels. <i>Marine Pollution Bulletin</i> , 2013, 77, 251-265.   | 5.0 | 35        |
| 62 | LARVAHS: Predicting clam larval dispersal and recruitment using habitat suitability-based particle tracking model. <i>Ecological Modelling</i> , 2013, 268, 78-92.   | 2.5 | 27        |
| 63 | A pragmatic approach to define the ecological potential of water bodies heavily modified by the presence of ports. <i>Environmental Science and Policy</i> , 2013, 33, 320-331.  | 4.9 | 25        |
| 64 | Does expansion of the introduced Manila clam <i>Ruditapes philippinarum</i> cause competitive displacement of the European native clam <i>Ruditapes decussatus</i> ?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2013, 445, 44-52.                                | 1.5 | 39        |
| 65 | Bloom forming and toxic phytoplankton in transitional and coastal waters of Cantabria region coast (Southeastern Bay of Biscay, Spain). <i>Marine Pollution Bulletin</i> , 2012, 64, 2860-2866.  | 5.0 | 14        |
| 66 | Spatial distribution pattern analysis of subtidal macroalgae assemblages by a non-destructive rapid assessment method. <i>Journal of Sea Research</i> , 2012, 67, 34-43.   | 1.6 | 23        |
| 67 | Improving public engagement in ICZM: A practical approach. <i>Journal of Environmental Management</i> , 2012, 109, 123-135.  | 7.8 | 19        |
| 68 | Methodological procedure for water quality management in port areas at the EU level. <i>Ecological Indicators</i> , 2012, 13, 117-128.   | 6.3 | 36        |
| 69 | Spatial and temporal flushing time approach in estuaries influenced by river and tide. An application in Suances Estuary (Northern Spain). <i>Estuarine, Coastal and Shelf Science</i> , 2012, 112, 40-51.   | 2.1 | 46        |
| 70 | Coastal waters classification based on physical attributes along the NE Atlantic region. An approach for rocky macroalgae potential distribution. <i>Estuarine, Coastal and Shelf Science</i> , 2012, 112, 105-114.  | 2.1 | 38        |
| 71 | Differential distribution pattern of native <i>Ruditapes decussatus</i> and introduced <i>Ruditapes philippinarum</i> clam populations in the Bay of Santander (Gulf of Biscay): Considerations for fisheries management. <i>Ocean and Coastal Management</i> , 2012, 69, 316-326. | 4.4 | 33        |
| 72 | Assessment of the effects of a marine urban outfall discharge on caged mussels using chemical and biomarker analysis. <i>Marine Pollution Bulletin</i> , 2012, 64, 563-573.  | 5.0 | 34        |

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|----|---|------|-----------|
| 73 | A methodological approach to evaluate progress and public participation in ICZM: The case of the Cantabria Region, Spain. <i>Ocean and Coastal Management</i> , 2012, 59, 63-76.  | 4.4  | 16        |
| 74 | Answering Environmental European Directives through information systems. , 2011, , .  |      | 2         |
| 75 | Microdistribution patterns of macroinvertebrate communities upstream and downstream of organic effluents. <i>Water Research</i> , 2011, 45, 1501-1511.  | 11.3 | 23        |
| 76 | Macroinvertebrate community dynamics in a temperate European Atlantic river. Do they conform to general ecological theory?. <i>Hydrobiologia</i> , 2011, 658, 277-291.  | 2.0  | 16        |
| 77 | Ecological classification of European transitional waters in the North-East Atlantic eco-region. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 87, 442-450.   | 2.1  | 36        |
| 78 | Assesment of the response of a shallow macrotidal estuary to changes in hydrological and wastewater inputs through numerical modelling. <i>Ecological Modelling</i> , 2010, 221, 1194-1208.                                   | 2.5  | 37        |
| 79 | 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). <i>Ecological Modelling</i> , 2010, 221, 1413-1426.           | 2.5  | 19        |
| 80 | Spatial and seasonal variability of macroinvertebrate metrics: Do macroinvertebrate communities track river health?. <i>Ecological Indicators</i> , 2010, 10, 370-379.  | 6.3  | 58        |
| 81 | Coastal outfalls, a sustainable alternative for improving water quality in north-east Atlantic estuaries. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1737.  | 2.1  | 10        |
| 82 | The European bathing water directive: application and consequences in quality monitoring programs. <i>Journal of Environmental Monitoring</i> , 2010, 12, 369-376.  | 2.1  | 3         |
| 83 | Medium-term assessment of the effects of the Prestige oil spill on estuarine benthic communities in Cantabria (Northern Spain, Bay of Biscay). <i>Marine Pollution Bulletin</i> , 2009, 58, 487-495.                          | 5.0  | 19        |
| 84 | Oil spill vulnerability assessment integrating physical, biological and socio-economical aspects: Application to the Cantabrian coast (Bay of Biscay, Spain). <i>Journal of Environmental Management</i> , 2009, 91, 149-159. | 7.8  | 46        |
| 85 | Testing taxonomic resolution, data transformation and selection of species for monitoring macroalgae communities. <i>Estuarine, Coastal and Shelf Science</i> , 2008, 78, 327-340.  | 2.1  | 27        |
| 86 | Surface water resources assessment in scarcely gauged basins in the north of Spain. <i>Journal of Hydrology</i> , 2008, 356, 312-326.   | 5.4  | 73        |
| 87 | Ecological assessment of soft bottom benthic communities in northern Spanish estuaries. <i>Ecological Indicators</i> , 2008, 8, 373-388.  | 6.3  | 44        |
| 88 | Macroalgae, a suitable indicator of the ecological status of coastal rocky communities in the NE Atlantic. <i>Ecological Indicators</i> , 2008, 8, 351-359.   | 6.3  | 140       |
| 89 | Comparison of two methods for quality assessment of macroalgae assemblages, under different pollution types. <i>Ecological Indicators</i> , 2008, 8, 743-753.   | 6.3  | 57        |
| 90 | Large-scale fuel deposition patterns on northern Spanish shores following the "Prestige" oil spill. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2008, 88, 463-468.                            | 0.8  | 5         |

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|-----|--|-----|-----------|
| 91  | OIL SPILL VULNERABILITY ATLAS FOR THE CANTABRIAN COAST (BAY OF BISCAY, SPAIN). International Oil Spill Conference Proceedings, 2008, 2008, 137-144.  | 0.1 | 4         |
| 92  | The Prestige Oil 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        |
| 93  | 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        |
| 94  | Seguimiento ambiental del saneamiento integral de la bahía de Santander: alcance y primeros resultados.. Ingenieria Del Agua, 2007, 14, 37.  | 0.4 | 0         |
| 95  | 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        |
| 96  | ENVIRONMENTAL DESIGN OF BILBAO SUBMARINE OUTFALL (SPAIN). , 2005, , .  |     | 0         |
| 97  | Baseline study of soft bottom benthic assemblages in the Bay of Santander (Gulf of Biscay). Hydrobiologia, 2002, 475/476, 141-149.   | 2.0 | 20        |
| 98  | Title is missing!. Hydrobiologia, 2002, 475/476, 205-211.  | 2.0 | 13        |
| 99  | A model for predicting the temporal evolution of dissolved oxygen concentration in shallow estuaries. , 2002, , 205-211.   |     | 5         |
| 100 | Baseline study of soft bottom benthic assemblages in the Bay of Santander (Gulf of Biscay). , 2002, , 141-149.   |     | 3         |
| 101 | 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        |
| 102 | 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         |
| 103 | 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         |
| 104 | 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        |
| 105 | Monitoring of Sewage outfalls in Northern Spain: Preliminary studies of benthic communities. Water Science and Technology, 1995, 32, 289.  | 2.5 | 8         |
| 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 | 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         |
| 108 | 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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|-----|---|------|-----------|
| 109 | Biological criteria for the exploitation of the commercially important species of Gelidium in Spain. Hydrobiologia, 1991, 221, 45-54.                 | 2.0  | 19        |
| 110 | Environmental Risk Assessment of dredging processes “ application to Marin harbour (NW Spain). Advances in Geosciences, 0, 39, 101-106.               | 12.0 | 8         |
| 111 | A 3-D model to analyze environmental effects of dredging operations “ application to the Port of Marin, Spain. Advances in Geosciences, 0, 39, 95-99. | 12.0 | 8         |