Oihane C Basurko

List of Publications by Year
in descending order

34 papers	1,027 citations	430874 18 h-index	434195 31 g-index
35 all docs	35 docs citations	35 times ranked	1248 citing authors

#	Article	IF	Citations
1	An inshore–offshore sorting system revealed from global classification of ocean litter. Nature Sustainability, 2021, 4, 484-493.	23.7	178
2	Energy use in Recirculating Aquaculture Systems (RAS): A review. Aquacultural Engineering, 2018, 81, 57-70.	3.1	132
3	Emerging risks from ballast water treatment: The run-up to the International Ballast Water Management Convention. Chemosphere, 2014, 112, 256-266.	8.2	108
4	Condition-Based Maintenance for medium speed diesel engines used in vessels in operation. Applied Thermal Engineering, 2015, 80, 404-412.	6.0	72
5	Energy performance of fishing vessels and potential savings. Journal of Cleaner Production, 2013, 54, 30-40.	9.3	60
6	Methodology for the sustainability assessment of marine technologies. Journal of Cleaner Production, 2014, 68, 155-164.	9.3	49
7	Considerations for metabarcoding–based port biological baseline surveys aimed at marine nonindigenous species monitoring and risk assessments. Ecology and Evolution, 2020, 10, 2452-2465.	1.9	32
8	Marine Litter Windrows: A Strategic Target to Understand and Manage the Ocean Plastic Pollution. Frontiers in Marine Science, 2021, 8, .	2.5	31
9	Integration of energy audits in the Life Cycle Assessment methodology to improve the environmental performance assessment of Recirculating Aquaculture Systems. Journal of Cleaner Production, 2017, 157, 155-166.	9.3	29
10	Performance of marine diesel engine in propulsion mode with a waste oil-based alternative fuel. Fuel, 2019, 235, 259-268.	6.4	28
11	Waste oil-based alternative fuels for marine diesel engines. Fuel Processing Technology, 2016, 153, 28-36.	7.2	27
12	The challenges and promises of genetic approaches for ballast water management. Journal of Sea Research, 2018, 133, 134-145.	1.6	26
13	Environmental DNA Metabarcoding: A Promising Tool for Ballast Water Monitoring. Environmental Science & Technology, 2019, 53, 11849-11859.	10.0	25
14	Methodology for sustainability analysis of ships. Ships and Offshore Structures, 2008, 3, 1-11.	1.9	24
15	Microplastics in the Bay of Biscay: An overview. Marine Pollution Bulletin, 2020, 153, 110996.	5.0	24
16	Energy efficiency in fishing: Are magnetic devices useful for use in fishing vessels?. Applied Thermal Engineering, 2016, 94, 670-678.	6.0	20
17	Litter Windrows in the South-East Coast of the Bay of Biscay: An Ocean Process Enabling Effective Active Fishing for Litter. Frontiers in Marine Science, 2020, 7, .	2.5	20
18	Difficulties in obtaining representative samples for compliance with the Ballast Water Management Convention. Marine Pollution Bulletin, 2013, 68, 99-105.	5.0	19

#	Article	IF	Citations
19	Fishing for floating marine litter in SE Bay of Biscay: Review and feasibility study. Marine Policy, 2015, 61, 103-112.	3.2	17
20	Land-based growth of Atlantic salmon (*Salmo salar*) and consumers' acceptance. Aquaculture Research, 2017, 48, 4666-4683.	1.8	14
21	Modelling the distribution of fishing-related floating marine litter within the Bay of Biscay and its marine protected areas. Environmental Pollution, 2022, 292, 118216.	7.5	14
22	Fuel consumption of free-swimming school versus FAD strategies in tropical tuna purse seine fishing. Fisheries Research, 2022, 245, 106139.	1.7	13
23	Transport of floating marine litter in the coastal area of the south-eastern Bay of Biscay: A Lagrangian approach using modelling and observations. Journal of Operational Oceanography, 2019, 12, S111-S125.	1.2	12
24	Measuring and comparing solutions for floating marine litter removal: Lessons learned in the south-east coast of the Bay of Biscay from an economic perspective. Marine Policy, 2021, 127, 104450.	3.2	11
25	Beach litter forecasting on the south-eastern coast of the Bay of Biscay: A bayesian networks approach. Continental Shelf Research, 2019, 180, 14-23.	1.8	10
26	Waste lube-oil based fuel characterization in real conditions. Case study: Bottom-trawl fishing vessel powered with medium speed diesel engine. Fuel, 2018, 215, 744-755.	6.4	9
27	Aggregated outputs by linear models: An application on marine litter beaching prediction. Information Sciences, 2019, 481, 381-393.	6.9	6
28	Statistical representativeness of ballast water sampling. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2011, 225, 183-190.	0.5	4
29	Solvent-Based Elimination of Organic Matter from Marine-Collected Plastics. Environments - MDPI, 2021, 8, 68.	3.3	3
30	First assessment of floating marine litter abundance and distribution in the Bay of Biscay from an integrated ecosystem survey. Marine Pollution Bulletin, 2022, 174, 113266.	5.0	3
31	The coastal waters of the south-east Bay of Biscay a dead-end for neustonic plastics. Marine Pollution Bulletin, 2022, 181, 113881.	5.0	3
32	Developing innovative methods to face aquatic invasions in Europe: the Aquainvad-ED project. Management of Biological Invasions, 2017, 8, 403-408.	1.2	2
33	Editorial: Marine Litter Windrows. Frontiers in Marine Science, 2022, 8, .	2.5	2
34	Mikro-plastikoen iturriak eta egoera orokorra mundu mailako itsaso eta ozeanoetan. Ekaia (journal), 0, , 233-251.	0.0	0