

Oihane C Basurko

List of Publications by Year in descending order

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Version: 2024-02-01

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	Modelling the distribution of fishing-related floating marine litter within the Bay of Biscay and its marine protected areas. <i>Environmental Pollution</i> , 2022, 292, 118216.	7.5	14
2	Fuel consumption of free-swimming school versus FAD strategies in tropical tuna purse seine fishing. <i>Fisheries Research</i> , 2022, 245, 106139.	1.7	13
3	First assessment of floating marine litter abundance and distribution in the Bay of Biscay from an integrated ecosystem survey. <i>Marine Pollution Bulletin</i> , 2022, 174, 113266.	5.0	3
4	Editorial: Marine Litter Windrows. <i>Frontiers in Marine Science</i> , 2022, 8, .	2.5	2
5	The coastal waters of the south-east Bay of Biscay a dead-end for neustonic plastics. <i>Marine Pollution Bulletin</i> , 2022, 181, 113881.	5.0	3
6	Marine Litter Windrows: A Strategic Target to Understand and Manage the Ocean Plastic Pollution. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	31
7	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. <i>Marine Policy</i> , 2021, 127, 104450.	3.2	11
8	An inshoreâ€œoffshore sorting system revealed from global classification of ocean litter. <i>Nature Sustainability</i> , 2021, 4, 484-493.	23.7	178
9	Solvent-Based Elimination of Organic Matter from Marine-Collected Plastics. <i>Environments - MDPI</i> , 2021, 8, 68.	3.3	3
10	Litter Windrows in the South-East Coast of the Bay of Biscay: An Ocean Process Enabling Effective Active Fishing for Litter. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	20
11	Microplastics in the Bay of Biscay: An overview. <i>Marine Pollution Bulletin</i> , 2020, 153, 110996.	5.0	24
12	Considerations for metabarcodingâ€œbased port biological baseline surveys aimed at marine nonindigenous species monitoring and risk assessments. <i>Ecology and Evolution</i> , 2020, 10, 2452-2465.	1.9	32
13	Performance of marine diesel engine in propulsion mode with a waste oil-based alternative fuel. <i>Fuel</i> , 2019, 235, 259-268.	6.4	28
14	Environmental DNA Metabarcoding: A Promising Tool for Ballast Water Monitoring. <i>Environmental Science & Technology</i> , 2019, 53, 11849-11859.	10.0	25
15	Aggregated outputs by linear models: An application on marine litter beaching prediction. <i>Information Sciences</i> , 2019, 481, 381-393.	6.9	6
16	Beach litter forecasting on the south-eastern coast of the Bay of Biscay: A bayesian networks approach. <i>Continental Shelf Research</i> , 2019, 180, 14-23.	1.8	10
17	Transport of floating marine litter in the coastal area of the south-eastern Bay of Biscay: A Lagrangian approach using modelling and observations. <i>Journal of Operational Oceanography</i> , 2019, 12, S111-S125.	1.2	12
18	Waste lube-oil based fuel characterization in real conditions. Case study: Bottom-trawl fishing vessel powered with medium speed diesel engine. <i>Fuel</i> , 2018, 215, 744-755.	6.4	9

#	ARTICLE	IF	CITATIONS
19	Energy use in Recirculating Aquaculture Systems (RAS): A review. <i>Aquacultural Engineering</i> , 2018, 81, 57-70.	3.1	132
20	The challenges and promises of genetic approaches for ballast water management. <i>Journal of Sea Research</i> , 2018, 133, 134-145.	1.6	26
21	Land-based growth of Atlantic salmon (<i>Salmo salar</i>) and consumers' acceptance. <i>Aquaculture Research</i> , 2017, 48, 4666-4683.	1.8	14
22	Integration of energy audits in the Life Cycle Assessment methodology to improve the environmental performance assessment of Recirculating Aquaculture Systems. <i>Journal of Cleaner Production</i> , 2017, 157, 155-166.	9.3	29
23	Developing innovative methods to face aquatic invasions in Europe: the Aquainvad-ED project. <i>Management of Biological Invasions</i> , 2017, 8, 403-408.	1.2	2
24	Waste oil-based alternative fuels for marine diesel engines. <i>Fuel Processing Technology</i> , 2016, 153, 28-36.	7.2	27
25	Energy efficiency in fishing: Are magnetic devices useful for use in fishing vessels?. <i>Applied Thermal Engineering</i> , 2016, 94, 670-678.	6.0	20
26	Condition-Based Maintenance for medium speed diesel engines used in vessels in operation. <i>Applied Thermal Engineering</i> , 2015, 80, 404-412.	6.0	72
27	Fishing for floating marine litter in SE Bay of Biscay: Review and feasibility study. <i>Marine Policy</i> , 2015, 61, 103-112.	3.2	17
28	Methodology for the sustainability assessment of marine technologies. <i>Journal of Cleaner Production</i> , 2014, 68, 155-164.	9.3	49
29	Emerging risks from ballast water treatment: The run-up to the International Ballast Water Management Convention. <i>Chemosphere</i> , 2014, 112, 256-266.	8.2	108
30	Difficulties in obtaining representative samples for compliance with the Ballast Water Management Convention. <i>Marine Pollution Bulletin</i> , 2013, 68, 99-105.	5.0	19
31	Energy performance of fishing vessels and potential savings. <i>Journal of Cleaner Production</i> , 2013, 54, 30-40.	9.3	60
32	Statistical representativeness of ballast water sampling. <i>Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment</i> , 2011, 225, 183-190.	0.5	4
33	Methodology for sustainability analysis of ships. <i>Ships and Offshore Structures</i> , 2008, 3, 1-11.	1.9	24
34	Mikro-plastikoen iturriak eta egoera orokorra mundu mailako itsaso eta ozeanoetan. <i>Ekaia (journal)</i> , 0, , 233-251.	0.0	0