

# Anna Mujal-Colilles

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7247491/publications.pdf>

Version: 2024-02-01

18  
papers

95  
citations

1478505

6  
h-index

1372567

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

65  
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19 impact on maritime traffic and corresponding pollutant emissions. The case of the Port of Barcelona. <i>Journal of Environmental Management</i> , 2022, 310, 114787.	7.8	10
2	Estimation of vessel emissions and contribution to overall pollution in port-cities. , 2022, , .		0
3	Alternative Manoeuvres to Reduce Ship Scour. <i>Journal of Navigation</i> , 2021, 74, 125-142.	1.7	1
4	A New Morphodynamic Instability Associated With Cross-shore Transport in the Nearshore. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091722.	4.0	4
5	Twin propeller time-dependent scouring processes. Physical experiments. <i>Ocean Engineering</i> , 2021, 236, 109461.	4.3	3
6	Composite methodology to prevent ship propeller erosion. <i>Ocean Engineering</i> , 2020, 195, 106751.	4.3	4
7	Rhythmic morphology in a microtidal low-energy beach. <i>Geomorphology</i> , 2019, 334, 151-164.	2.6	5
8	Hybrid Tool to Prevent Ship Propeller Erosion. , 2018, , .		1
9	Stern Twin-Propeller Effects on Harbor Infrastructures. Experimental Analysis. <i>Water (Switzerland)</i> , 2018, 10, 1571.	2.7	8
10	Erosion caused by propeller jets in a low energy harbour basin. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2017, 55, 121-128.	1.7	23
11	Study of the Bed Velocity Induced by Twin Propellers. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2017, 143, .	1.2	12
12	Tools for Evaluation Quay Toe Scouring Induced by Vessel Propellers in Harbour Basins During the Docking and Undocking Manoeuvring. , 2017, , 61-66.		2
13	Coherent structures in oscillatory flows within the laminar-to-turbulent transition regime for smooth and rough walls. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2016, 54, 502-515.	1.7	4
14	Vortex rings impinging on permeable boundaries. <i>Physics of Fluids</i> , 2015, 27, .	4.0	10
15	PIV experiments in rough-wall, laminar-to-turbulent, oscillatory boundary-layer flows. <i>Experiments in Fluids</i> , 2014, 55, 1.	2.4	6
16	The next step on the maritime education and training in the era of autonomous shipping. , 0, , .		2
17	Analysis of vessel induced erosion through manoeuvre simulation and AIS data. , 0, , .		0
18	Numerical investigation of nonlinear diffraction wave loads on a suspended cylinder. , 0, , .		0