

# Anna Mujal-Colilles

## List of Publications by Year in descending order

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