

Francois Marin

List of Publications by Year in descending order

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32
papers

190
citations

1040056

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Rheological behaviour of pure clay and coarse-grained clay suspensions using an inclined blade vane-in-cup. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2022, 300, 104714.	2.4	2
2	A visual method for threshold detection of sediment motion in a flume experiment without human interference. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 1778-1789.	2.5	2
3	Experimental and numerical study of the propagation of focused wave groups in the nearshore zone. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126144.	2.1	15
4	Impact of a Quayside Floating System on Overtopping. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2020, 146, 04019037.	1.2	0
5	Two-Dimensional Modelling of a Quayside Floating System. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 903.	2.6	2
6	Bedload transport and bedforms migration under sand supply limitation. <i>Environmental Fluid Mechanics</i> , 2020, 20, 1031-1052.	1.6	5
7	Laboratory study of non-linear wave-wave interactions of extreme focused waves in the nearshore zone. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 3279-3291.	3.6	11
8	Experimental Study on Sediment Supply-Limited Bedforms in a Coastal Context. <i>Springer Water</i> , 2020, , 647-664.	0.3	2
9	Physical Modeling of Extreme Waves Propagating from the Open Sea to the Coastal Zone. <i>Springer Water</i> , 2020, , 595-611.	0.3	1
10	Experimental study of runup for sandy beaches under waves and tide. <i>Coastal Engineering</i> , 2019, 144, 33-46.	4.0	14
11	PHYSICAL MODELLING OF EXTREME WAVES: GAUSSIAN WAVE GROUPS AND SOLITARY WAVES IN THE NEARSHORE ZONE. <i>Advances and Applications in Fluid Mechanics</i> , 2019, 23, 141-159.	0.1	1
12	Formation of Sand Bedforms Under Surface Waves. , 2018, , 113-126.		0
13	Solitons: Historical and Physical Introduction. , 2017, , 1-20.		0
14	Formation of localized sand patterns downstream from a vertical cylinder under steady flows: Experimental and theoretical study. <i>Physical Review E</i> , 2016, 94, 052903.	2.1	3
15	Bedload transport for heterogeneous sediments. <i>Environmental Fluid Mechanics</i> , 2015, 15, 731-751.	1.6	14
16	Experimental simulation of sandy beaches under waves and tides: hydro-morphodynamic analysis. <i>Journal of Coastal Research</i> , 2013, 165, 1791-1796.	0.3	3
17	Particle trajectories and size sorting above a rippled bed under standing water waves. <i>Physical Review E</i> , 2012, 85, 021304.	2.1	3
18	Solitons: Historical and Physical Introduction. , 2012, , 1561-1575.		1

#	ARTICLE	IF	CITATIONS
19	Dynamics of propagating front into sand ripples under regular waves. <i>Physical Review E</i> , 2010, 82, 032301.	2.1	8
20	Trajectoires de particules et tri sÃ©dimentaire sous l'action d'un Ã©coulement oscillant au dessus d'un fond ridÃ©. , 2010, , .		0
21	MORPHOLOGY OF RIPPLED BEDS INDUCED BY WAVES FOR SIZE HOMOGENEOUS OR HETEROGENEOUS SEDIMENTS. , 2009, , .		0
22	Formation dynamics of sand bedforms under solitons and bound states of solitons in a wave flume used in resonant mode. <i>European Journal of Mechanics, B/Fluids</i> , 2008, 27, 251-267.	2.5	9
23	Segregation of sedimenting grains of different densities in an oscillating velocity field of strongly nonlinear surface waves. <i>Physical Review E</i> , 2008, 78, 022301.	2.1	3
24	Pattern formation in a granular medium excited by waves in a flume. <i>Journal of Physics: Conference Series</i> , 2008, 137, 012031.	0.4	0
25	Spatiotemporal properties of solitons excited on the surface of shallow water in a hydrodynamic resonator. <i>Physics of Fluids</i> , 2006, 18, 067104.	4.0	12
26	Interaction solitonÃ©sable dans un canal en eau peu profonde. <i>Comptes Rendus - Mecanique</i> , 2005, 333, 227-233.	2.1	1
27	Laboratory study of sand bed forms induced by solitary waves in shallow water. <i>Journal of Geophysical Research</i> , 2005, 110, n/a-n/a.	3.3	8
28	Dynamical evolution of ripples in a wave channel. <i>European Journal of Mechanics, B/Fluids</i> , 2004, 23, 695-708.	2.5	14
29	Eddy viscosity and Eulerian drift over rippled beds in waves. <i>Coastal Engineering</i> , 2004, 50, 139-159.	4.0	24
30	Fixed absorbing semi-immersed breakwater. <i>Coastal Engineering</i> , 2003, 49, 25-41.	4.0	25
31	Ã©tude expÃ©rimentale des courants de dÃ©rive induits par la houle au-dessus d'un fond ridÃ©. <i>Comptes Rendus Mecanique</i> , 2000, 328, 813-818.	0.2	0
32	Velocity and turbulence distributions in combined wavecurrent flows over a rippled bed. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 1999, 37, 501-518.	1.7	7