

Hervé Michallet

List of Publications by Year in descending order

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8
papers

172
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Evidence of a Hydrodynamic Soliton Gas. <i>Physical Review Letters</i> , 2019, 122, 214502.	7.8	51
2	On the use of the Radon Transform in studying nearshore wave dynamics. <i>Coastal Engineering</i> , 2014, 92, 24-30.	4.0	38
3	Modelling of sediment suspensions in oscillating grid turbulence. <i>Fluid Dynamics Research</i> , 2004, 35, 87-106.	1.3	25
4	On the determination of the settling flux of cohesive sediments in a turbulent fluid. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	24
5	Dynamics of soil aggregate size in turbulent flow: Respective effect of soil type and suspended concentration. <i>Catena</i> , 2016, 141, 66-72.	5.0	17
6	Analysis of soliton gas with large-scale video-based wave measurements. <i>Experiments in Fluids</i> , 2020, 61, 1.	2.4	7
7	Sediment erosion in zero-mean-shear turbulence. <i>Physics of Fluids</i> , 2020, 32, 036601.	4.0	6
8	Experimental study of integrable turbulence in shallow water. <i>Physical Review Fluids</i> , 2021, 6, .	2.5	4