Philippe Fraunie

List of Publications by Year
in descending order

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13	434	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	569
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A numerical and theoretical study of the first Hopf bifurcation in a cylinder wake. Journal of Fluid Mechanics, 1994, 264, 59-80.	3.4	159
2	Modelled variability of the sea surface circulation in the North-western Mediterranean Sea and in the Gulf of Lions. Ocean Dynamics, 2005, 55, 294-308.	2.2	61
3	Generation mechanisms for mesoscale eddies in the Gulf of Lions: radar observation and modeling. Ocean Dynamics, 2011, 61, 1587-1609.	2.2	42
4	Influence of high-resolution wind forcing on hydrodynamic modeling of the Gulf of Lions. Ocean Dynamics, 2011, 61, 1823-1844.	2.2	32
5	Numerical simulations of wave breaking. ESAIM: Mathematical Modelling and Numerical Analysis, 2005, 39, 591-607.	1.9	31
6	Mesoscale slope current variability in the Gulf of Lions. Interpretation of in-situ measurements using a three-dimensional model. Continental Shelf Research, 2009, 29, 407-423.	1.8	29
7	Primary and secondary instabilities in the wake of a cylinder with free ends. Journal of Fluid Mechanics, 1997, 332, 295-339.	3.4	18
8	Modeling 3D RhÃ´ne river plume using a higher order advection scheme. Oceanologica Acta: European Journal of Oceanology - Revue Europeene De Oceanologie, 2003, 26, 299-309.	0.7	18
9	3D two phase flows numerical simulations by SL-VOF method. International Journal for Numerical Methods in Fluids, 2004, 45, 581-604.	1.6	18
10	Numerical wave breaking with macro-roughness. European Journal of Mechanics, B/Fluids, 2011, 30, 577-588.	2.5	11
11	Three-dimensional modelling of coastal circulations with different kâ€“Îµ closures. Journal of Marine Systems, 1999, 21, 321-339.	2.1	7
12	NUMERICAL SIMULATION OF THE MECHANISMS GOVERNING THE ONSET OF THE BÃ‰NARD-VON KÃRMÃN INSTABILITY. International Journal for Numerical Methods in Fluids, 1996, 23, 753-785.	1.6	5
13	Combined spectral-finite difference time discretization for periodic and quasi-periodic flows. Journal of Computational and Applied Mathematics, 1995, 63, 245-254.	2.0	3