

Philippe Fraunie

List of Publications by Year in descending order

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13
papers

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citations

933447

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13
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times ranked

569
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Numerical wave breaking with macro-roughness. European Journal of Mechanics, B/Fluids, 2011, 30, 577-588. | 2.5 | 11 |
| 2 | Influence of high-resolution wind forcing on hydrodynamic modeling of the Gulf of Lions. Ocean Dynamics, 2011, 61, 1823-1844. | 2.2 | 32 |
| 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 | 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 |
| 5 | 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 |
| 6 | Numerical simulations of wave breaking. ESAIM: Mathematical Modelling and Numerical Analysis, 2005, 39, 591-607. | 1.9 | 31 |
| 7 | 3D two phase flows numerical simulations by SL-VOF method. International Journal for Numerical Methods in Fluids, 2004, 45, 581-604. | 1.6 | 18 |
| 8 | Modeling 3D Rhône 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 | Three-dimensional modelling of coastal circulations with different $k\epsilon$ closures. Journal of Marine Systems, 1999, 21, 321-339. | 2.1 | 7 |
| 10 | Primary and secondary instabilities in the wake of a cylinder with free ends. Journal of Fluid Mechanics, 1997, 332, 295-339. | 3.4 | 18 |
| 11 | NUMERICAL SIMULATION OF THE MECHANISMS GOVERNING THE ONSET OF THE BÄRD-VON KÄRMÄN INSTABILITY. International Journal for Numerical Methods in Fluids, 1996, 23, 753-785. | 1.6 | 5 |
| 12 | 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 |
| 13 | 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 |