

Fabien Petitpas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6439251/publications.pdf>

Version: 2024-02-01

6
papers

813
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple and efficient relaxation methods for interfaces separating compressible fluids, cavitating flows and shocks in multiphase mixtures. <i>Journal of Computational Physics</i> , 2009, 228, 1678-1712.	3.8	347
2	Modelling phase transition in metastable liquids: application to cavitating and flashing flows. <i>Journal of Fluid Mechanics</i> , 2008, 607, 313-350.	3.4	266
3	Diffuse interface model for high speed cavitating underwater systems. <i>International Journal of Multiphase Flow</i> , 2009, 35, 747-759.	3.4	92
4	A model and numerical method for compressible flows with capillary effects. <i>Journal of Computational Physics</i> , 2017, 334, 468-496.	3.8	57
5	ECOGEN: An open-source tool for multiphase, compressible, multiphysics flows. <i>Computer Physics Communications</i> , 2020, 251, 107093.	7.5	26
6	Adaptive Mesh Refinement algorithm based on dual trees for cells and faces for multiphase compressible flows. <i>Journal of Computational Physics</i> , 2019, 388, 252-278.	3.8	25