Antonio Cervone

List of Publications by Year
in descending order

13	164	1478505	1372567
papers	citations	6	10
		h-index	g-index

13	13	13	168
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the properties and limitations of the height function method in two-dimensional Cartesian geometry. Journal of Computational Physics, 2011, 230, 851-862.	3.8	43
2	A geometrical predictor–corrector advection scheme and its application to the volume fraction function. Journal of Computational Physics, 2009, 228, 406-419.	3.8	42
3	Simulation of axisymmetric jets with a finite element Navier–Stokes solver and a multilevel VOF approach. Journal of Computational Physics, 2010, 229, 6853-6873.	3.8	23
4	Post-test simulations for the NACIE-UP benchmark by STH codes. Nuclear Engineering and Design, 2019, 353, 110279.	1.7	14
5	An optimal constrained approach for divergence-free velocity interpolation and multilevel VOF method. Computers and Fluids, 2011, 47, 101-114.	2.5	13
6	Atmospheric dry deposition processes of particles on urban and suburban surfaces: Modelling and validation works. Atmospheric Environment, 2019, 214, 116857.	4.1	11
7	Dry deposition of particle on urban areas. Journal of Physics: Conference Series, 2019, 1224, 012050.	0.4	4
8	Review of split and unsplit geometric advection algorithms. , 2013, , .		3
9	Dry deposition models for radionuclides dispersed in air: a new approach for deposition velocity evaluation schema. Journal of Physics: Conference Series, 2017, 923, 012057.	0.4	3
10	Blind Simulations of NACIE-UP Experimental Tests by STH Codes. , 2018, , .		3
11	ASTEC - RAVEN coupling for uncertainty analysis of an ingress of coolant event in fusion plants. Fusion Engineering and Design, 2021, 169, 112442.	1.9	3
12	CFD simulation of turbulent flows over wire-wrapped nuclear reactor bundles using immersed boundary method. Journal of Physics: Conference Series, 2020, 1599, 012022.	0.4	2
13	Preliminary Results on the Coupling of a Three-Dimensional Lead Fast Reactor Model and a One-Dimensional External Loop. , 2014, , .		0