

Vittorio Badalassi

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

618
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	Discontinuous Galerkin spatial discretisation of the neutron transport equation with pyramid finite elements and a discrete ordinate (SN) angular approximation. <i>Annals of Nuclear Energy</i> , 2018, 113, 526-535.	1.8	9
2	Pyramid finite elements for discontinuous and continuous discretizations of the neutron diffusion equation with applications to reactor physics. <i>Progress in Nuclear Energy</i> , 2018, 105, 175-184.	2.9	6
3	Computational Fluid Dynamic Simulation of Single Bubble Growth under High-Pressure Pool Boiling Conditions. <i>Nuclear Engineering and Technology</i> , 2016, 48, 859-869.	2.3	20
4	CFD investigation and assessment of wall heat flux partitioning model for the prediction of high pressure subcooled flow boiling. <i>International Journal of Heat and Mass Transfer</i> , 2016, 103, 211-230.	4.8	61
5	Nano-structure computation with coupled momentum phase ordering kinetics models. <i>Nuclear Engineering and Design</i> , 2005, 235, 1107-1115.	1.7	4
6	The direct numerical simulation of two-phase flows with interface capturing methods. <i>Houille Blanche</i> , 2005, 91, 41-64.	0.3	1
7	Gravitational Effects on Structure Development in Quenched Complex Fluids. <i>Annals of the New York Academy of Sciences</i> , 2004, 1027, 371-382.	3.8	6
8	Computation of multiphase systems with phase field models. <i>Journal of Computational Physics</i> , 2003, 190, 371-397.	3.8	511