

Domenico Borzacchiello

List of Publications by Year in descending order

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9
papers

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citations

1478505
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9
docs citations

9
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	Residual-based adaptivity for two-phase flow simulation in porous media using Physics-informed Neural Networks. Computer Methods in Applied Mechanics and Engineering, 2022, 396, 115100.	6.6	19
2	Tensor Representation of Non-linear Models Using Cross Approximations. Journal of Scientific Computing, 2019, 81, 22-47.	2.3	4
3	Non-intrusive Sparse Subspace Learning for Parametrized Problems. Archives of Computational Methods in Engineering, 2019, 26, 303-326.	10.2	35
4	Algebraic and Parametric Solvers for the Power Flow Problem: Towards Real-Time and Accuracy-Guaranteed Simulation of Electric Systems. Archives of Computational Methods in Engineering, 2018, 25, 1003-1026.	10.2	3
5	A Simulation App based on reduced order modeling for manufacturing optimization of composite outlet guide vanes. Advanced Modeling and Simulation in Engineering Sciences, 2017, 4, .	1.7	21
6	Box-relaxation based multigrid solvers for the variable viscosity Stokes problem. Computers and Fluids, 2017, 156, 515-525.	2.5	8
7	Reduced order modelling for efficient numerical optimisation of a hot-wall chemical vapour deposition reactor. International Journal of Numerical Methods for Heat and Fluid Flow, 2017, 27, 1602-1622.	2.8	7
8	A reduced order modeling approach for optimal allocation of Distributed Generation in power distribution systems. , 2016, , .		5
9	Three-dimensional finite volume computation of viscoelastic fluid encapsulation by phase-field modeling. Journal of Non-Newtonian Fluid Mechanics, 2013, 200, 52-64.	2.4	17