Qian Wang

List of Publications by Year
in descending order

11 papers	503 citations	1163117 8 h-index	1281871 11 g-index
12 all docs	12 docs citations	12 times ranked	324 citing authors

#	Article	IF	Citations
1	Non-intrusive reduced order modeling of unsteady flows using artificial neural networks with application to a combustion problem. Journal of Computational Physics, 2019, 384, 289-307.	3.8	163
2	Physics-informed machine learning for reduced-order modeling of nonlinear problems. Journal of Computational Physics, 2021, 446, 110666.	3.8	84
3	Compact high order finite volume method on unstructured grids III: Variational reconstruction. Journal of Computational Physics, 2017, 337, 1-26.	3.8	75
4	Recurrent neural network closure of parametric POD-Galerkin reduced-order models based on the Mori-Zwanzig formalism. Journal of Computational Physics, 2020, 410, 109402.	3.8	70
5	Compact high order finite volume method on unstructured grids II: Extension to two-dimensional Euler equations. Journal of Computational Physics, 2016, 314, 883-908.	3.8	48
6	Compact high order finite volume method on unstructured grids I: Basic formulations and one-dimensional schemes. Journal of Computational Physics, 2016, 314, 863-882.	3.8	32
7	Compact high order finite volume method on unstructured grids IV: Explicit multi-step reconstruction schemes on compact stencil. Journal of Computational Physics, 2019, 396, 161-192.	3.8	11
8	A p-weighted limiter for the discontinuous Galerkin method on one-dimensional and two-dimensional triangular grids. Journal of Computational Physics, 2020, 407, 109246.	3.8	8
9	Conservative Model Order Reduction for Fluid Flow. Lecture Notes in Computational Science and Engineering, 2020, , 67-99.	0.3	5
10	High Order Finite Volume Schemes for Solving the Non-Conservative Convection Equations on the Unstructured Grids. Journal of Scientific Computing, 2021, 88, 1.	2.3	3
11	High-order compact finite volume schemes for solving the Reynolds averaged Navier-Stokes equations on the unstructured mixed grids with a large aspect ratio. Journal of Computational Physics, 2022, 467, 111458.	3.8	3