

Yajun Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

369
citations

1307594

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h-index

1372567

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all docs

10
docs citations

10
times ranked

131
citing authors

#	ARTICLE	IF	CITATIONS
1	Implicit unified gas-kinetic scheme for steady state solutions in all flow regimes. Journal of Computational Physics, 2016, 315, 16-38.	3.8	92
2	Unified gas-kinetic scheme with multigrid convergence for rarefied flow study. Physics of Fluids, 2017, 29, .	4.0	58
3	Unified gas-kinetic wave-particle methods I: Continuum and rarefied gas flow. Journal of Computational Physics, 2020, 401, 108977.	3.8	51
4	Unified gas-kinetic wave-particle methods. II. Multiscale simulation on unstructured mesh. Physics of Fluids, 2019, 31, .	4.0	49
5	A three-dimensional unified gas-kinetic wave-particle solver for flow computation in all regimes. Physics of Fluids, 2020, 32, .	4.0	39
6	An implicit unified gas-kinetic scheme for unsteady flow in all Knudsen regimes. Journal of Computational Physics, 2019, 386, 190-217.	3.8	38
7	Unified gas-kinetic wave-particle methods III: Multiscale photon transport. Journal of Computational Physics, 2020, 408, 109280.	3.8	27
8	Ray effect in rarefied flow simulation. Journal of Computational Physics, 2020, 422, 109751.	3.8	7
9	GKS and UGKS for High-Speed Flows. Aerospace, 2021, 8, 141.	2.2	6
10	Numerical Transport Process of Splitting Kinetic Schemes in the Navier-Stokes-Fourier Limit. International Journal of Computational Fluid Dynamics, 2021, 35, 653-665.	1.2	2