Yajun Zhu

List of Publications by Year
in descending order

10 papers	369 citations	1307594 7 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	131 citing authors

#	Article	IF	Citations
1	GKS and UGKS for High-Speed Flows. Aerospace, 2021, 8, 141.	2.2	6
2	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
3	Unified gas-kinetic wave-particle methods I: Continuum and rarefied gas flow. Journal of Computational Physics, 2020, 401, 108977.	3.8	51
4	Ray effect in rarefied flow simulation. Journal of Computational Physics, 2020, 422, 109751.	3.8	7
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	Unified gas-kinetic wave-particle methods III: Multiscale photon transport. Journal of Computational Physics, 2020, 408, 109280.	3.8	27
7	Unified gas-kinetic wave-particle methods. II. Multiscale simulation on unstructured mesh. Physics of Fluids, 2019, 31, .	4.0	49
8	An implicit unified gas-kinetic scheme for unsteady flow in all Knudsen regimes. Journal of Computational Physics, 2019, 386, 190-217.	3.8	38
9	Unified gas-kinetic scheme with multigrid convergence for rarefied flow study. Physics of Fluids, 2017, 29, .	4.0	58
10	Implicit unified gas-kinetic scheme for steady state solutions in all flow regimes. Journal of Computational Physics, 2016, 315, 16-38.	3.8	92