Robert Anderson

List of Publications by Year
in descending order

10	490	1163117	1372567
papers	citations	8	10
		h-index	g-index

10	10	10	439
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MFEM: A modular finite element methods library. Computers and Mathematics With Applications, 2021, 81, 42-74.	2.7	175
2	Space–time reduced order model for large-scale linear dynamical systems with application to Boltzmann transport problems. Journal of Computational Physics, 2021, 424, 109845.	3.8	36
3	SNS: A Solution-Based Nonlinear Subspace Method for Time-Dependent Model Order Reduction. SIAM Journal of Scientific Computing, 2020, 42, A1116-A1146.	2.8	25
4	High-Order Multi-Material ALE Hydrodynamics. SIAM Journal of Scientific Computing, 2018, 40, B32-B58.	2.8	54
5	High-order local maximum principle preserving (MPP) discontinuous Galerkin finite element method for the transport equation. Journal of Computational Physics, 2017, 334, 102-124.	3.8	42
6	Advances in patch-based adaptive mesh refinement scalability. Journal of Parallel and Distributed Computing, 2016, 89, 65-84.	4.1	44
7	An AMR Capable Finite Element Diffusion Solver for ALE Hydrocodes. Plasma Science and Technology, 2015, 17, 109-116.	1.5	2
8	Multi-Material ALE with AMR for Modeling Hot Plasmas and Cold Fragmenting Materials. Plasma Science and Technology, 2015, 17, 117-128.	1.5	7
9	Monotonicity in high–order curvilinear finite element arbitrary Lagrangian–Eulerian remap. International Journal for Numerical Methods in Fluids, 2015, 77, 249-273.	1.6	33
10	An arbitrary Lagrangian–Eulerian method with adaptive mesh refinement for the solution of the Euler equations. Journal of Computational Physics, 2004, 199, 598-617.	3.8	72