Yann Moguen

List of Publications by Year in descending order

9 papers	**51** citations	1937685 **4** h-index	1588992 **8** g-index
9 all docs	**9** docs citations	**9** times ranked	**34** citing authors

#	Article	IF	Citations
1	Pressure–velocity coupling allowing acoustic calculation in low Mach number flow. Journal of Computational Physics, 2012, 231, 5522-5541.	3.8	18
2	Pressure–velocity coupling for unsteady low Mach number flow simulations: An improvement of the AUSM + -up scheme. Journal of Computational and Applied Mathematics, 2013, 246, 136-143.	2.0	8
3	Active chaotic mixing in a channel with rotating arc-walls. Physical Review Fluids, 2021, 6, .	2.5	6
4	A combined momentum-interpolation and advection upstream splitting pressure-correction algorithm for simulation of convective and acoustic transport at all levels of Mach number. Journal of Computational Physics, 2019, 384, 16-41.	3.8	5
5	Heat transfer enhancement by chaotic advection in a novel sine-helical channel geometry. International Journal of Heat and Mass Transfer, 2022, 193, 122870.	4.8	5
6	Solving low Mach number Riemann problems by a momentum interpolation method. Journal of Computational Physics, 2015, 298, 741-746.	3.8	4
7	Godunov-type schemes with an inertia term for unsteady full Mach number range flow calculations. Journal of Computational Physics, 2015, 281, 556-590.	3.8	4
8	Diffusion and dissipation in acoustic propagation simulation by convection-pressure split algorithms in all Mach number form. Journal of Computational Physics, 2020, 414, 109480.	3.8	1
9	Experimental study of chaotic flow and mixing of Newtonian fluid in a rotating arc-wall mixer. International Journal of Heat and Mass Transfer, 2022, 187, 122459.	4.8	0