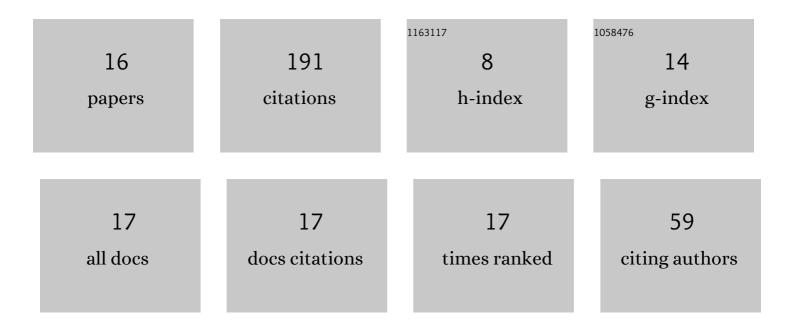
## Juan Manzanero

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Design of a Smagorinsky spectral Vanishing Viscosity turbulence model for discontinuous Galerkin methods. Computers and Fluids, 2020, 200, 104440.	2.5	30
2	A p-multigrid strategy with anisotropic p-adaptation based on truncation errors for high-order discontinuous Galerkin methods. Journal of Computational Physics, 2019, 378, 209-233.	3.8	28
3	Dispersion-Dissipation Analysis for Advection Problems with Nonconstant Coefficients: Applications to Discontinuous Galerkin Formulations. SIAM Journal of Scientific Computing, 2018, 40, A747-A768.	2.8	24
4	The Bassi Rebay 1 scheme is a special case of the Symmetric Interior Penalty formulation for discontinuous Galerkin discretisations with Gauss–Lobatto points. Journal of Computational Physics, 2018, 363, 1-10.	3.8	19
5	Insights on Aliasing Driven Instabilities for Advection Equations with Application to Gauss–Lobatto Discontinuous Galerkin Methods. Journal of Scientific Computing, 2018, 75, 1262-1281.	2.3	19
6	A free–energy stable nodal discontinuous Galerkin approximation with summation–by–parts property for the Cahn–Hilliard equation. Journal of Computational Physics, 2020, 403, 109072.	3.8	16
7	Entropy–stable discontinuous Galerkin approximation with summation–by–parts property for the incompressible Navier–Stokes/Cahn–Hilliard system. Journal of Computational Physics, 2020, 408, 109363.	3.8	15
8	An entropy–stable discontinuous Galerkin approximation for the incompressible Navier–Stokes equations with variable density and artificial compressibility. Journal of Computational Physics, 2020, 408, 109241.	3.8	13
9	Application of approximate dispersion-diffusion analyses to under-resolved Burgers turbulence using high resolution WENO and UWC schemes. Journal of Computational Physics, 2021, 435, 110246.	3.8	8
10	A free–energy stable p–adaptive nodal discontinuous Galerkin for the Cahn–Hilliard equation. Journal of Computational Physics, 2021, 442, 110409.	3.8	6
11	An entropy–stable discontinuous Galerkin approximation of the Spalart–Allmaras turbulence model for the compressible Reynolds Averaged Navier–Stokes equations. Journal of Computational Physics, 2022, 455, 110998.	3.8	5
12	An entropy–stable p–adaptive nodal discontinuous Galerkin for the coupled Navier–Stokes/Cahn–Hilliard system. Journal of Computational Physics, 2022, 458, 111093.	3.8	3
13	A discontinuous Galerkin approximation for a wall–bounded consistent three–component Cahn–Hilliard flow model. Computers and Fluids, 2021, 225, 104971.	2.5	2
14	Implicit Large Eddy Simulations for NACA0012 Airfoils Using Compressible and Incompressible Discontinuous Galerkin Solvers. Lecture Notes in Computational Science and Engineering, 2020, , 477-487.	0.3	2
15	CFD–based erosion and corrosion modeling in pipelines using a high–order discontinuous Galerkin multiphase solver. Wear, 2021, 478-479, 203882.	3.1	1
16	High–order discontinuous Galerkin approximation for a three–phase incompressible Navier–Stokes/Cahn–Hilliard model. Computers and Fluids, 2022, , 105545.	2.5	0