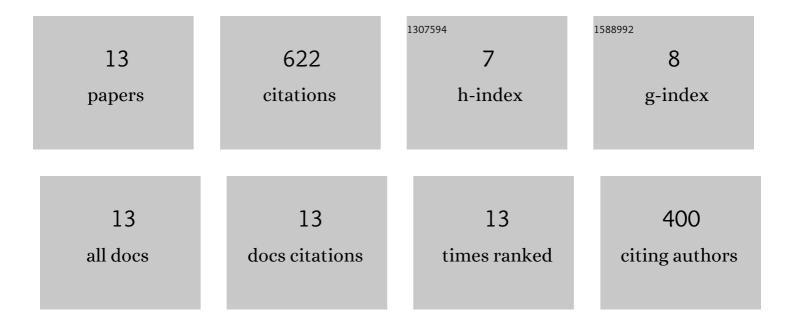
David G Flad

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | FLEXI: A high order discontinuous Galerkin framework for hyperbolic–parabolic conservation laws. Computers and Mathematics With Applications, 2021, 81, 186-219. | 2.7 | 69 |
| 2 | A neural network based shock detection and localization approach for discontinuous Galerkin methods. Journal of Computational Physics, 2020, 423, 109824. | 3.8 | 28 |
| 3 | A large eddy simulation method for DCSEM using non-linearly optimized relaxation filters. Journal of Computational Physics, 2020, 408, 109303. | 3.8 | 7 |
| 4 | Deep neural networks for data-driven LES closure models. Journal of Computational Physics, 2019, 398, 108910. | 3.8 | 175 |
| 5 | Application and Development of the High Order Discontinuous Galerkin Spectral Element Method for Compressible Multiscale Flows. , 2019, , 291-307. | | 1 |
| 6 | Application and Development of the High Order Discontinuous Galerkin Spectral Element Method for Compressible Multiscale Flows. , 2018, , 387-407. | | 4 |
| 7 | On the use of kinetic energy preserving DG-schemes for large eddy simulation. Journal of Computational Physics, 2017, 350, 782-795. | 3.8 | 71 |
| 8 | Simulation of underresolved turbulent flows by adaptive filtering using the high order discontinuous Galerkin spectral element method. Journal of Computational Physics, 2016, 313, 1-12. | 3.8 | 53 |
| 9 | On the Influence of Polynomial De-aliasing on Subgrid Scale Models. Flow, Turbulence and Combustion, 2016, 97, 475-511. | 2.6 | 24 |
| 10 | High Fidelity Scale-Resolving Computational Fluid Dynamics Using the High Order Discontinuous Galerkin Spectral Element Method. , 2016, , 511-530. | | 2 |
| 11 | Discontinuous Galerkin for High Performance Computational Fluid Dynamics. , 2015, , 499-518. | | 3 |
| 12 | Highâ€order discontinuous Galerkin spectral element methods for transitional and turbulent flow simulations. International Journal for Numerical Methods in Fluids, 2014, 76, 522-548. | 1.6 | 169 |
| 13 | A Discontinuous Galerkin Spectral Element Method for the direct numerical simulation of aeroacoustics. , 2014, , . | | 16 |