

# David J Lusher

## List of Publications by Year in descending order

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9  
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1307594

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#	ARTICLE	IF	CITATIONS
1	Assessment of Low-Dissipative Shock-Capturing Schemes for the Compressible Taylor-Green Vortex. AIAA Journal, 2021, 59, 533-545.	2.6	23
2	Shock-wave/boundary-layer interactions in the automatic source-code generation framework OpenSBLI. Computers and Fluids, 2018, 173, 17-21.	2.5	18
3	On the performance of WENO/TENO schemes to resolve turbulence in DNS/LES of high-speed compressible flows. International Journal for Numerical Methods in Fluids, 2021, 93, 176-196.	1.6	18
4	The effect of flow confinement on laminar shock-wave/boundary-layer interactions. Journal of Fluid Mechanics, 2020, 897, .	3.4	16
5	OpenSBLI: Automated code-generation for heterogeneous computing architectures applied to compressible fluid dynamics on structured grids. Computer Physics Communications, 2021, 267, 108063.	7.5	14
6	An error indicator for finite difference methods using spectral techniques with application to aerofoil simulation. Computers and Fluids, 2018, 168, 67-72.	2.5	12
7	Shock-Wave/Boundary-Layer Interactions in Transitional Rectangular Duct Flows. Flow, Turbulence and Combustion, 2020, 105, 649-670.	2.6	12
8	Assessment of low-dissipative shock-capturing schemes for transitional and turbulent shock interactions. , 2019, , .		9
9	Direct numerical simulation of compressible turbulence in a counter-flow channel configuration. Physical Review Fluids, 2021, 6, .	2.5	4