Neil Ashton

List of Publications by Year
in descending order

10	265	1684188	2053705
papers	citations	5	5
		h-index	g-index

10	10	10	343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Real-World Variability in the Prediction of Intracranial Aneurysm Wall Shear Stress: The 2015 International Aneurysm CFD Challenge. Cardiovascular Engineering and Technology, 2018, 9, 544-564.	1.6	78
2	The Computational Fluid Dynamics Rupture Challenge 2013â€"Phase II: Variability of Hemodynamic Simulations in Two Intracranial Aneurysms. Journal of Biomechanical Engineering, 2015, 137, 121008.	1.3	74
3	Flow Dynamics Past a 30P30N Three-Element Airfoil Using Improved Delayed Detached-Eddy Simulation. AIAA Journal, 2016, 54, 3657-3667.	2.6	45
4	Verification and Validation of OpenFOAM for High-Lift Aircraft Flows. Journal of Aircraft, 2019, 56, 1641-1657.	2.4	20
5	Recalibrating Delayed Detached-Eddy Simulation to eliminate modelled-stress depletion. , 2017, , .		16
6	Development of an Alternative Delayed Detached-Eddy Simulation Formulation Based on Elliptic Relaxation. AIAA Journal, 2013, 51, 513-519.	2.6	9
7	3rd High-Lift Workshop Summary Paper - OpenFOAM, STAR-CCM+ & LAVA simulations on Unstructured Grids. , 2018, , .		9
8	Assessing the Sensitivity of Hybrid RANS-LES Simulations to Mesh Resolution, Numerical Schemes and Turbulence Modelling within an Industrial CFD Process. , 2018, , .		6
9	Application of an Elliptic Blending Reynolds Stress Model in Attached and Separated ﬂows (Invited). , 2015, , .		5
10	Development of high-quality hybrid unstructured meshes for the GMGW-1 workshop using ANSA. , 2018, , .		3