

Gabriel Staffelbach

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

109
citations

1937685

4
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of high performance conjugate heat transfer with the OpenPALM coupler. Computational Science & Discovery, 2015, 8, 015003.	1.5	47
2	A Mesh Adaptation Strategy to Predict Pressure Losses in LES of Swirled Flows. Flow, Turbulence and Combustion, 2017, 99, 93-118.	2.6	33
3	Large eddy simulations and global stability analyses of an annular and cylindrical rotor/stator cavity limit cycles. Physics of Fluids, 2019, 31, .	4.0	10
4	Towards the Large-Eddy Simulation of a full engine: Integration of a 360 azimuthal degrees fan, compressor and combustion chamber. Part I: Methodology and initialisation. Journal of the Global Power and Propulsion Society, 2021, , 1-16.	0.8	6
5	Towards the Large-Eddy Simulation of a full engine: Integration of a 360 azimuthal degrees fan, compressor and combustion chamber. Part II: Comparison against stand-alone simulations. Journal of the Global Power and Propulsion Society, 2021, , 1-16.	0.8	5
6	Hardware Locality-Aware Partitioning and Dynamic Load-Balancing of Unstructured Meshes for Large-Scale Scientific Applications. , 2020, , .		5
7	Unsteady Macro-Structures from Large-Eddy Simulation of Industrial Turbopump Turbine Cavity. AIAA Journal, 2017, 55, 2198-2214.	2.6	2
8	qprof: A gprof-Inspired Quantum Profiler. ACM Transactions on Quantum Computing, 2023, 4, 1-28.	4.3	1