

Gianmaria Noventa

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A high-order Discontinuous Galerkin solver for unsteady incompressible turbulent flows. Computers and Fluids, 2016, 139, 248-260.	2.5	25
2	Shape optimization of the ERCOFTAC centrifugal pump impeller using open-source software. Optimization and Engineering, 2019, 20, 929-953.	2.4	23
3	Robustness and efficiency of an implicit time-adaptive discontinuous Galerkin solver for unsteady flows. Computers and Fluids, 2020, 204, 104529.	2.5	17
4	Entropy-Adjoint p-Adaptive Discontinuous Galerkin Method for the Under-Resolved Simulation of Turbulent Flows. AIAA Journal, 2020, 58, 3963-3977.	2.6	16
5	High-order linearly implicit two-step peer schemes for the discontinuous Galerkin solution of the incompressible Navier-Stokes equations. Computers and Fluids, 2018, 162, 55-71.	2.5	15
6	An entropy-adjoint p -adaptive discontinuous Galerkin method for the under-resolved simulation of turbulent flows. , 2019, , .		5
7	Assessment of an Improved Delayed X-LES Hybrid Model for the Study of Off-Design Conditions in Centrifugal Pumps. Journal of Fluids Engineering, Transactions of the ASME, 2022, 144, .	1.5	4
8	Surrogate-Based Optimization of a Centrifugal Pump with Volute Casing for an Automotive Engine Cooling System. Applied Sciences (Switzerland), 2021, 11, 11470.	2.5	4
9	Steam boiler mixing channel optimization with a surrogate based multi objective genetic algorithm. Thermal Science and Engineering Progress, 2022, 29, 101169.	2.7	3
10	Assessment of an adaptive time integration strategy for a high-order discretization of the unsteady RANS equations. International Journal for Numerical Methods in Fluids, 2022, 94, 1923-1963.	1.6	3
11	A Semi-Empirical Fluid Dynamic Model of a Vacuum Microgripper Based on CFD Analysis. Applied Sciences (Switzerland), 2021, 11, 7482.	2.5	2
12	DISCONTINUOUS GALERKIN SOLUTION OF THE REYNOLDS-AVERAGED NAVIER-STOKES AND KL-KT-LOG(W) TRANSITION MODEL EQUATIONS. , 2016, , .		2
13	HIGH-ORDER LINEARLY IMPLICIT TWO-STEP PEER METHODS FOR THE DISCONTINUOUS GALERKIN SOLUTION OF THE INCOMPRESSIBLE RANS EQUATIONS. , 2016, , .		2
14	Assessment of a Discontinuous Galerkin Method for the Simulation of the Turbulent Flow around the DrivAer Car Model. Applied Sciences (Switzerland), 2021, 11, 10202.	2.5	2
15	An implicit p -adaptive Discontinuous Galerkin solver for CAA/CFD simulations. International Journal for Numerical Methods in Fluids, 0, , .	1.6	1