

Antonio Lippolis

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

621
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow forces analysis of an open center hydraulic directional control valve sliding spool. Energy Conversion and Management, 2006, 47, 114-131.	9.2	96
2	Evaluation of the flow forces on an open centre directional control valve by means of a computational fluid dynamic analysis. Energy Conversion and Management, 2006, 47, 1748-1760.	9.2	96
3	Large-eddy simulations in mixed-flow pumps using an immersed-boundary method. Computers and Fluids, 2011, 47, 33-43.	2.5	73
4	Effect of working conditions and diffuser setting angle on pressure fluctuations within a centrifugal pump. International Journal of Heat and Fluid Flow, 2019, 75, 44-60.	2.4	58
5	Investigation of Separation Phenomena in a Radial Pump at Reduced Flow Rate by Large-Eddy Simulation. Journal of Fluids Engineering, Transactions of the ASME, 2016, 138, .	1.5	51
6	Large-Eddy Simulation of a Mixed-Flow Pump at Off-Design Conditions. Journal of Fluids Engineering, Transactions of the ASME, 2015, 137, .	1.5	50
7	A LES investigation of off-design performance of a centrifugal pump with variable-geometry diffuser. International Journal of Heat and Fluid Flow, 2018, 70, 299-314.	2.4	50
8	Three-Dimensional Analysis of Flow Forces on Directional Control Valves. International Journal of Fluid Power, 2003, 4, 15-24.	0.7	45
9	Analysis of a directional hydraulic valve by a Direct Numerical Simulation using an immersed-boundary method. Energy Conversion and Management, 2013, 65, 497-506.	9.2	44
10	Buoyancy Effect on the Flow Pattern and the Thermal Performance of an Array of Circular Cylinders. Journal of Heat Transfer, 2017, 139, .	2.1	16
11	FLOW PATTERNS AND HEAT TRANSFER AROUND SIX IN-LINE CIRCULAR CYLINDERS AT LOW REYNOLDS NUMBER. JP Journal of Heat and Mass Transfer, 2015, 11, 1-28.	0.2	15
12	A Review Analysis of Unsteady Forces in Hydraulic Valves. International Journal of Fluid Power, 2006, 7, 29-39.	0.7	14
13	A fast Euler solver for two- and three-dimensional internal flows. Computers and Fluids, 1989, 17, 25-37.	2.5	10
14	Influence of the Spool Velocity on The Performance of a Directional Hydraulic Valve. International Journal of Fluid Power, 2013, 14, 15-25.	0.7	2
15	Transonic Airfoil and Intake Calculations. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1989, , 251-274.	0.3	1
16	Dispersion and Deposition of Particles in Rayleigh-BeÂnard Turbulent Flows. , 2006, , .		0