Adrian Stuparu

List of Publications by Year
in descending order

12	41	1683354 5	1872312 6
papers	citations	h-index	g-index

12	12	12	22
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CFD Simulation of Solid Suspension for a Liquidâ€“Solid Industrial Stirred Reactor. Applied Sciences (Switzerland), 2021, 11, 5705.	1.3	10
2	A New Approach in Numerical Assessment of the Cavitation Behaviour of Centrifugal Pumps. International Journal of Fluid Machinery and Systems, 2011, 4, 104-113.	0.5	8
3	The Complex Dynamics of the Precessing Vortex Rope in a Straight Diffuser. IOP Conference Series: Earth and Environmental Science, 2016, 49, 082013.	0.2	6
4	CFD Assessment of the Hydrodynamic Performance of Two Impellers for a Baffled Stirred Reactor. Applied Sciences (Switzerland), 2021, 11, 4949.	1.3	6
5	Numerical assessment of a novel concept for mitigating the unsteady pressure pulsations associated to decelerating swirling flow with precessing helical vortex. AIP Conference Proceedings, 2015, , .	0.3	5
6	Experimental investigation of a pumping station from CET power plant Timisoara. IOP Conference Series: Earth and Environmental Science, 0, 240, 032018.	0.2	3
7	Numerical simulation of the 3D unsteady turbulent flow in a combustion chamber. Open Engineering, 2011, 1, .	0.7	1
8	Influence of Geometry on the Position and the Intensity of Maximum Kinetic Energy in a Combustion Chamber. Defect and Diffusion Forum, 2011, 312-315, 725-730.	0.4	1
9	Improving the Homogenization of the Liquid-Solid Mixture Using a Tandem of Impellers in a Baffled Industrial Reactor. Applied Sciences (Switzerland), 2021, 11, 5492.	1.3	1
10	Modelling the operation curves of two similar high power centrifugal pumps. AIP Conference Proceedings, 2018, , .	0.3	0
11	Numerical Analysis of Pulsating Water Jet Method for Mitigating the Vortex Rope. , 2019, , .		0
12	Design and Optimization of an Axial Expansion Turbine for Energy Recovery. , 2019, , .		0