

Lista lucrărilor relevante
ale candidatului conf.univ.dr.ing. Adrian Ciprian STUPARU

Nr. crt.	Autori	Titlul lucrării	Publicația (ISBN/ISSN, vol.)	An	Nr. pag.
1	Stuparu Adrian Ciprian, Susan-Resiga Romeo, Tanasa Constantin	<i>CFD Assessment of the Hydrodynamic Performance of Two Impellers for a Baffled Stirred Reactor</i>	Applied Sciences, Special Issue Application of Computational Fluid Dynamics in Mechanical Engineering, ISI, 2076-3417, vol. 11 (11)	2021	13
2	Stuparu Adrian Ciprian, Susan-Resiga Romeo, Bosioc Alin	<i>Improving the Homogenization of the Liquid-Solid Mixture Using a Tandem of Impellers in a Baffled Industrial Reactor</i>	Applied Sciences, Special Issue Application of Computational Fluid Dynamics in Mechanical Engineering, ISI, 2076-3417, vol. 11 (12)	2021	11
3	Stuparu Adrian Ciprian, Susan-Resiga Romeo, Bosioc Alin	<i>CFD Simulation of Solid Suspension for a Liquid-Solid Industrial Stirred Reactor</i>	Applied Sciences, Special Issue Application of Computational Fluid Dynamics in Mechanical Engineering, ISI, 2076-3417, vol. 11 (12)	2021	15
4	Susan-Resiga Romeo, Muntean Sebastian, Bosioc Alin, Stuparu Adrian Ciprian	<i>Stabilisation of the swirl exiting a Francis runner far from the best efficiency point</i>	IOP Conference Series: Earth and Environmental Science, Proceeding of 30th IAHR Symposium on Hydraulic Machinery and Systems, ISI, 1755-1307, vol. 774(1)	2021	9
5	Stuparu Adrian Ciprian, Alexandru Baya, Alin Bosioc, Liviu Anton, Daniel Mos	<i>Experimental investigation of a pumping station from CET power plant Timisoara</i>	IOP Conference Series: Earth and Environmental Science, Proceeding of 29th IAHR Symposium on Hydraulic Machinery and Systems, ISI, 1755-1307, vol. 240	2019	10
6	Romeo Susan-Resiga, Sebastian Muntean, Stuparu Adrian Ciprian, Alin Bosioc, Constantin Tanasa, Cosmin Ighişan	<i>A variational model for swirling flow states with stagnant region</i>	European Journal of Mechanics B-Fluids, ISI, ISSN 0997-7546, vol. 55	2016	10
7	Stuparu Adrian Ciprian, Susan-Resiga Romeo	<i>The origin of the plunging pressure fluctuations for a swirling flow with precessing vortex rope in a straight diffuser</i>	6th IAHR International Meeting of the Workgroup on Cavitation and Dynamic Problems in Hydraulic Machinery and Systems, September 9-11, 2015, Ljubljana, Slovenia	2015	8
8	Stuparu Adrian Ciprian, Susan-Resiga Romeo, Anton Liviu, Muntean Sebastian	<i>A new approach in numerical assessment of the cavitation behaviour of centrifugal pumps</i>	International Journal of Fluid Machinery and Systems, 1882-9554, vol. 4(1)	2011	10

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9	Stuparu Adrian Ciprian, Susan-Resiga Romeo, Anton Liviu, Muntean Sebastian	<i>Numerical investigation of the cavitation behaviour into a storage pump operating at off design operating points</i>	25th IAHR Symposium on Hydraulic Machines and Systems, IOP Conference Series: Earth and Environmental Science, ISI, 1755-1307, vol. 12(1)	2010	10
10	Romeo RESIGA, Sebastian MUNTEAN, Alin BOSIOC, Stuparu Adrian Ciprian, Teodor MILOȘ, Alexandru BAYA, Sandor BERNAD, Liviu Eugen ANTON	<i>Swirling Flow Apparatus and Test Rig for Flow Control in Hydraulic Turbines Discharge Cone</i>	Scientific Bulletin of the „Politehnica” University Of Timisoara, Transactions on Mechanics, Tom 52 (66), Fascicola 6, 2007, ISSN 1224-6077	2007	14