Imre Ferenc Barna

List of Publications by Year
in descending order

		2258059	2053705
7 papers	100 citations	3 h-index	5 g-index
7 all docs	7 docs citations	7 times ranked	64 citing authors

#	Article	IF	Citations
1	Experimental and theoretical study of steam condensation induced water hammer phenomena. Nuclear Engineering and Design, 2010, 240, 146-150.	1.7	75
2	Stable, Explicit, Leapfrog-Hopscotch Algorithms for the Diffusion Equation. Computation, 2021, 9, 92.	2.0	15
3	SELF-SIMILAR ANALYTIC SOLUTION OF THE TWO-DIMENSIONAL NAVIER-STOKES EQUATION WITH A NON-NEWTONIAN TYPE OF VISCOSITY. Mathematical Modelling and Analysis, 2017, 21, 83-94.	1.5	7
4	ANALYTIC SOLUTIONS OF A TWO-FLUID HYDRODYNAMIC MODEL. Mathematical Modelling and Analysis, 2021, 26, 582-590.	1.5	2
5	Time-Dependent Analytic Solutions for Water Waves above Sea of Varying Depths. Mathematics, 2022, 10, 2311.	2.2	1
6	Self-Similarity Analysis of the Nonlinear Schrödinger Equation in the Madelung Form. Advances in Mathematical Physics, 2018, 2018, 1-5.	0.8	0
7	Reply to comment on 'Heat conduction: a telegraph-type model with self-similar behavior of solutions' (2010 J. Phys. A: Math. Theor. 43 375210). Journal of Physics A: Mathematical and Theoretical, 2021, 54, 088002.	2.1	0