

Azwinndini Muronga

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

766
citations

8
h-index

17
g-index

17
ext. papers

842
ext. citations

3
avg, IF

4.73
L-index

#	Paper	IF	Citations
14	Causal theories of dissipative relativistic fluid dynamics for nuclear collisions. <i>Physical Review C</i> , 2004 , 69,	2.7	227
13	Second-order dissipative fluid dynamics for ultrarelativistic nuclear collisions. <i>Physical Review Letters</i> , 2002 , 88, 062302	7.4	187
12	Shear viscosity coefficient from microscopic models. <i>Physical Review C</i> , 2004 , 69,	2.7	79
11	Relativistic dynamics of nonideal fluids: Viscous and heat-conducting fluids. I. General aspects and 3+1 formulation for nuclear collisions. <i>Physical Review C</i> , 2007 , 76,	2.7	68
10	Relativistic dynamics of non-ideal fluids: Viscous and heat-conducting fluids. II. Transport properties and microscopic description of relativistic nuclear matter. <i>Physical Review C</i> , 2007 , 76,	2.7	63
9	Shear viscosity and out of equilibrium dynamics. <i>Physical Review C</i> , 2009 , 79,	2.7	35
8	Dissipative relativistic fluid dynamics for nuclear collisions. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , 2002 , 15, 337-347		11
7	Hadronic ratios as a function of baryon number. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 388, 5-9	4.2	7
6	Viscous hydrodynamics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005 , 31, S1035-S1039	2.9	6
5	New developments in relativistic dissipative fluid dynamics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2010 , 37, 094008	2.9	5
4	A relativistic dissipative hydrodynamic description for systems including particle number changing processes. <i>Nuclear Physics A</i> , 2010 , 848, 428-442	1.3	4
3	A model of COVID-19 pandemic evolution in African countries. <i>Scientific African</i> , 2021 , 14, e00987	1.7	3
2	Equation of state and transport coefficients of relativistic nuclear matter. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008 , 35, 044073	2.9	0
1	Non-equilibrium entropy density and dissipative processes in relativistic nuclear collisions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008 , 35, 104127	2.9	