

Razvan N Popescu

List of Publications by Year in descending order

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18
papers

697
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759233

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888059

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docs citations

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4382
citing authors

#	ARTICLE	IF	CITATIONS
1	Charged-particle multiplicities in pp interactions at $\sqrt{s} = 900$ GeV measured with the ATLAS detector at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 21-42.	4.7	113
2	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. European Physical Journal C, 2011, 71, 1.	3.9	114
3	Search for New Particles in Two-Jet Final States in 7 TeV Proton-Proton Collisions with the ATLAS Detector at the LHC. Physical Review Letters, 2010, 105, 161801.	7.8	113
4	Measurement of the $W \rightarrow e \nu_e$ and $Z \rightarrow e^+ e^-$ production cross sections in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector. Journal of High Energy Physics, 2010, 2010, 1.	4.7	64
5	Search for quark contact interactions in dijet angular distributions in pp collisions at $\sqrt{s} = 7$ TeV measured with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 694, 327-345.		
6	Azimuthal correlation functions and the energy of vanishing flow in nucleus-nucleus collisions. Nuclear Physics A, 1995, 584, 397-412.	1.5	47
7	Disappearance of flow and the in-medium nucleon-nucleon cross section for $^{64}\text{Zn} + ^{27}\text{Al}$ collisions at intermediate energies. Nuclear Physics A, 1996, 598, 248-262.	1.5	36
8	Dynamical emission and isotope thermometry. Physical Review C, 1998, 58, R2636-R2639.	2.9	32
9	Directed collective flow and azimuthal distributions in collisions from 55 to 95 MeV/u. Nuclear Physics A, 1997, 614, 261-288.	1.5	25
10	From in-plane to out-of-plane enhancement of the directed flow in on collisions between 35 and 79 MeV/u. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 285-289.	4.1	18
11	Experimental Evidence for Dynamical Decay of Finite Nuclear Matter. Physical Review Letters, 1999, 82, 3585-3588.	7.8	17
12	Sensitivity of two-fragment correlation functions to initial-state momentum correlations. Physical Review C, 1998, 58, 270-280.	2.9	15
13	Near-scission emission of intermediate mass fragments in $^{12}\text{C} + ^{232}\text{Th}$ at $E/A = 16$ and 22 MeV. Physical Review C, 2002, 66, .	2.9	8
14	Direct observation of the inversion of flow. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 446, 197-202.	4.1	7
15	Generalized isoscaling of isotopic distributions. Physical Review C, 2002, 66, .	2.9	7
16	Azimuthal $2\hat{\Delta}$ correlations and projectile-residue distributions selected by neutron and charged-particle multiplicity measurements. Physical Review C, 1997, 55, R990-R994.	2.9	3
17	Many-body Coulomb perturbation of azimuthal $\hat{\Delta} \pm \hat{\Delta}$ correlations. Physical Review C, 1996, 54, 796-804.	2.9	1
18	Shadowing effects and transverse momentum dependence of particle emission in intermediate energy heavy ion collisions. Zeitschrift für Physik A, 1997, 357, 9-11.	0.9	0