

Peng-Cheng Li

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

117
citations

1307594
7
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Accessing the in-medium effects on nucleon-nucleon elastic cross section with collective flows and nuclear stopping. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 828, 137019.	4.1	11
2	Proton correlations and apparent intermittency in the UrQMD model with hadronic potentials. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136393.	4.1	8
3	Application of machine learning in the determination of impact parameter in the $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 132 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mi} \rangle \text{Sn} \langle \text{mml:mi} \rangle \langle \text{mml:mprescripts} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mn} \rangle 124 \langle \text{mml:mn} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ system. Physical Review C, 2021, 104.	2.9	13
4	Effects of impact parameter filters on observables in heavy-ion collisions at INDRA energies. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 035108.	3.6	5
5	Elliptic flow splitting between protons and antiprotons from hadronic potentials. Modern Physics Letters A, 2020, 35, 2050289.	1.2	3
6	Nucleon effective mass splitting and density-dependent symmetry energy effects on elliptic flow in heavy ion collisions at $E_{\text{lab}} = 0.09 \sim 1.5$ GeV/nucleon. Chinese Physics C, 2020, 44, 074103.	3.7	5
7	Application of artificial intelligence in the determination of impact parameter in heavy-ion collisions at intermediate energies. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 115104.	3.6	24
8	Cumulants of the baryon number from central Au+Au collision at $E_{\text{lab}} = 1.23$ GeV/nucleon reveal the nuclear mean-field potentials. Physical Review C, 2018, 98, .	2.9	9
9	Collective flow and nuclear stopping in heavy ion collisions in Fermi energy domain. Nuclear Science and Techniques/Hewuli, 2018, 29, 1.	3.4	19
10	Effects of the in-medium nucleon-nucleon cross section on collective flow and nuclear stopping in heavy-ion collisions in the Fermi-energy domain. Physical Review C, 2018, 97, .	2.9	19
11	Stability of super heavy nuclei associated with the updated nuclear data. Chinese Physics C, 2017, 41, 114103.	3.7	1