# Gang Chen

List of Publications by Year
in descending order

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Version: 2024-02-01

| 27 | 206 | 1307594 7 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 27 | 27 | 27 | 155 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Antimatter production in central Au+Au collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml:mi>N</mml:mi><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:msqrt></mml:mrow></mml:math>. Physical Review C, 2012, 86, . | 2.9 | 24 |
| 2 | Centrality dependence of light (anti)nuclei and (anti)hypertriton production in Au+Au collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:msub><mml:mi>s</mml:mi><mml:mrow><mml:mi>N</mml:mi><mml:mi>N</mml:mi></mml:mrow></mml:msub></mml:msqrt></mml:mrow></mml:math>. Physical Review C, 2013, 88, . | 2.9 | 24 |
| 3 | Energy dependence of light (anti)nuclei and (anti)hypertriton production in the Au-Au collision from $sqrt{s_{NN}} = 11.5$ s N N =. European Physical Journal A, 2018, 54, 1. | 2.5 | 23 |
| 4 | The effect of chemical potential on imaginary potential and entropic force. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 768, 180-186. | 4.1 | 19 |
| 5 | Predictions for the production of light nuclei in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:mrow></mml:math>collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>7</mml:mn></mml:mrow></mml:math> 14 TeV. Physical Review C, 2012, 85, . | 2.9 | 18 |
| 6 | Scaling properties of multiplicity fluctuations in heavy-ion collisions simulated by AMPT model. Nuclear Physics A, 2013, 920, 33-44. | 1.5 | 17 |
| 7 | Heavy quark potential from deformed AdS5 models. Nuclear Physics A, 2017, 960, 1-10. | 1.5 | 7 |
| 8 | Production of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>K</mml:mi><mml:mo>â¯</mml:mo></mml:m and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>K</mml:mi><mml:mo>â¯</mml:mo></mml:m accent="true"><mml:mi>p</mml:mi><mml:mo>Â¯</mml:mo></mml:mover></mml:mrow></mml:math> bound states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi> | 2.9 | 6 |
| 9 | Entropic Destruction of Heavy Quarkonium from a Deformed AdS5 Model. Advances in High Energy Physics, 2017, 2017, 1-6. | 1.1 | 6 |
| 10 | Light (anti)nuclei production in Cu+Cu collisions at $sqrt{s_{NN}} = 200$ GeV. European Physical Journal A, 2019, 55, 1. | 2.5 | 6 |
| 11 | The evolution of information entropy components in relativistic heavy-ion collisions. European Physical Journal A, 2020, 56, 1. | 2.5 | 6 |
| 12 | Imaginary potential of moving quarkonia in a D-instanton background. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 115001. | 3.6 | 5 |
| 13 | Effect of single string structure and multiple string interaction on strange particle production in pp collisions at s=7TeV. Physical Review C, 2018, 98, . | 2.9 | 5 |
| 14 | Investigation of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msubsup><mml:mi mathvariant="normal">Î©</mml:mi><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mn>0</mml:mn></mml:msubsup></mml:m states decaying to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msubsup><mml:mi mathvariant="normal">Ξ</mml:mi><mml:mrow><mml:mi>c</mml:mi></mml:mrow><mml:mo>+</mml:mo></mml:msubsup><mml:mi | 2.9 | 5 |
| 15 | display="inline"><mml:msub><mml:mi>P</mml:mi><mml:mi>c</mml:mi></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>4312</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td (stretchy="fa xmlns:mml="http://www.w3.org/1998/Math/MathML" | 4.7 | 5 |
| 16 | HÎ›3 and HÂ¯Î›Â¯3 production and characterization in Cu + Cu collisions at sNN=200 GeV. Physical Review C, 2019, 99, . | 2.9 | 4 |
| 17 | Predictions for production of HÎ›3 and HÂ¯Î›Â¯3 in isobaric Ru4496+Ru4496 and Zr4096+Zr4096 collisions at sNN=200 GeV. Physical Review C, 2021, 103, . | 2.9 | 4 |
| 18 | Investigation of exotic state X(3872) in pp collisions at $$sqrt{s}=7$$, 13ÂTeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Study on space-time structure of Higgs jet with the HBT correlation method in e+e- collision at $ sqrt{{s}}$ s = 250 GeV. European Physical Journal A, 2017, 53, 1. | 2.5 | 3 |
| 20 | Light (anti-)nuclei and (anti-)hypertriton production in pp collisions at $$sqrt{s} =0.90, 2.76$$ and 7ÂTeV. European Physical Journal Plus, 2020, 135, 1. | 2.6 | 3 |
| 21 | The study of exotic state $$Z_c^{pm }(3900)$$ decaying to $$J/psi pi ^{pm }$$ in the pp collisions at $$sqrt{s}$$ = 1.96, 7, and 13ÂTeV. European Physical Journal C, 2021, 81, 1. | 3.9 | 3 |
| 22 | PACIAE 2.2.1: An updated issue of the parton and hadron cascade model PACIAE 2.2. Computer Physics Communications, 2022, 274, 108289. | 7.5 | 3 |
| 23 | Production of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>K</mml:mi><mml:mo>a^</mml:mo></mml:msup></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>K</mml:mi><mml:mo>Â¯</mml:mo></mml:msup></mml:mrow></mml:math> in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo>Â¯</mml:mo></mml:mover><mml:mover accent="true"><mml:mi>p</mml:mi><mml:mo>Â¯</mml:mo></mml:mover></mml:mrow></mml:math> in | 2.9 | 2 |
| 24 | Impact of single string structure and multiple string interaction on strangeness production in Pb+Pb collisions at sNN=2.76 TeV. Physical Review C, 2020, 102, . | 2.9 | 2 |
| 25 | Study of nuclear modification factors of deuteron and anti-deuteron in Pbâ€“Pb collisions at $$sqrt{s_{mathrm{NN}}} =2.76,hbox {TeV}$$. Scientific Reports, 2022, 12, 1772. | 3.3 | 2 |
| 26 | A Monte Carlo study on the production scale and internal structure of jets in high energy collisions. Science Bulletin, 2008, 53, 3808-3815. | 9.0 | 0 |
| 27 | Collision system size dependence of light (anti-)nuclei and (anti-)hypertriton production in high energy nuclear collisions. European Physical Journal A, 2022, 58, 1. | 2.5 | 0 |