Feng-lan Shao

List of Publications by Year
in descending order

46	509	687363 13	713466 21
papers	citations	h-index	g-index

46	46	46	322
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Z</mml:mi><mml:mi>b</mml:mi></mml:msub><mml:mo>/</mml:mo><mml:msubsup><mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>h</mml:mi><mml:mi>b</mml:mi></mml:msub><mml:mi>Ï€</mml:mi></mml:math>decays	4.7	48
2	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>B</mml:mi><mml:mi>s</mml:mi></mml:msub><mml:mo>â†’</mml:mo><mml:msub><mml:mi> stretchy="false">(</mml:mo><mml:mn>3040</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (stretchy="false">)</m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>B</mml:mi><mml:mi>s</mml:mi></mml:msub></mml:math>decays	4.7	47
3	Productions of hadrons, pentaquarksÎ˜+andÎ˜*++, and di-baryon(Î©Î©)0+in relativistic heavy ion collisions by a quark combination model. Physical Review C, 2005, 71, .	2.9	39
4	New feature of low $$p_{T}$$ p T charm quark hadronization in pp collisions at $$sqrt{s}=7$$ s. European Physical Journal C, 2018, 78, 1.	3.9	37
5	Hadron production by quark combination in centralPb+Pbcollisions atsNN=17.3GeV. Physical Review C, 2009, 80, .	2.9	32
6	Hadron yield correlation in quark combination models in high-energyAAcollisions. Physical Review C, 2012, 86, .	2.9	24
7	Baryon-antibaryon production asymmetry in relativistic heavy ion collisions. Physical Review C, 2013, 88, .	2.9	19
8	Charged-particle rapidity density in Au+Au collisions in a quark combination model. Physical Review C, 2007, 75, .	2.9	18
9	Production of single-charm hadrons by the quark-combination mechanism in p -Pb collisions at sNN=5.02 TeV. Physical Review C, 2018, 97, .	2.9	18
10	Quark number scaling of hadronic p T spectra and constituent quark degree of freedom in p â€“Pb collisions at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msqrt><mml:mrow><mml:msub><mml:mrow><mml:mi>s</mml:mi></mml:mrow><mml:mrow><mml:mi>N</m Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 516-521.	4.1	17
11	New insights into hadron production mechanism from pT spectra in pp collisions at s=7â€‰â€‰TeV. Physical Review D, 2017, 96, .	4.7	16
12	Exotic hadron production in a quark combination model. Physical Review C, 2009, 80, .	2.9	13
13	Yield correlations andpTdependence of charmed hadrons in Pbâ€‰+â€‰Pb collisions atsNN=2.76TeV. Physical Review C, 2015, 91, .	2.9	13
14	Yield ratios of identified hadrons in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi><mml:mo>+</mml:mo><mml:mi>p</mml:mi><mml:mo>,< mathvariant="normal">Pb</mml:mi></mml:math> , and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">Pb</mml:mi><mml:mo>+</mml:mo><mml:mi mathvariant="normal">Pb</mml:mi></mml:mrow></mml:math> collisions at energies available at the C	2.9	13
15	Effects of heavy meson loops on heavy quarkonium radiative transitions. European Physical Journal C, 2013, 73, 1.	3.9	12
16	Quark number scaling of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>p</mml:mi><mml:mi>T</mml:mi></mml:msub></mml:ma spectra for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi mathvariant="normal">Î©</mml:mi></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ï•</mml:mi></mml:math> in relativistic heavy-ion collisions. Physical Review C, 2020, 102, .	2.9	11
17	THE INFLUENCE OF NET QUARKS ON YIELDS AND RAPIDITY SPECTRA OF IDENTIFIED HADRONS. International Journal of Modern Physics A, 2009, 24, 1161-1174.	1.5	10
18	Entropy puzzle and the quark combination model. Physical Review C, 2010, 81, .	2.9	9

#	Article	IF	Citations
19	Constituent quark number scaling from strange hadron spectra in pp collisions at ${{sqrt{s}= 13}}$ TeV. Chinese Physics C, 2020, 44, 014101.	3.7	9
20	Strange hadron production in a quark combination model in Au+Au collisions at energies available at the BNL Relativistic Heavy Ion Collider. Physical Review C, 2021, 103, .	2.9	8
21	Hadronic rapidity spectra in heavy ion collisions at SPS and AGS energies in a quark combination model. Chinese Physics C, 2012, 36, 55-61.	3.7	7
22	Baryon-antibaryon flavor correlation in quark-combination models in heavy-ion collisions. Physical Review C, 2014, 90, .	2.9	7
23	Charmed hadron production via equal-velocity quark combination in ultrarelativistic heavy ion collisions. Physical Review C, 2020, 101, .	2.9	7
24	Production of light-flavor and single-charmed hadrons in pp collisions at $sqrt{s}=5.02$ TeV in an equal-velocity quark combination model. Chinese Physics C, 0, , .	3.7	7
25	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi>K</mml:mi><mml:mo>*</mml:mo></mml:msup><mml:mn>0</mml:mn></mml: xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Î£</mml:mi><mml:mo>*</mml:mo></mml:msup></mml:math>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><m.	2.9	6
26	Quark charge balance function and hadronization effects in relativistic heavy ion collisions. Physical Review C, 2012, 86, .	2.9	6
27	Hidden-charm pentaquark states in heavy ion collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 94, .	2.9	6
28	Different production sources of light nuclei inultra-relativistic heavy-ion collisions. Chinese Physics C, 2019, 43, 024101.	3.7	6
29	Elliptic flow of hadrons in equal-velocity quark combination mechanism in relativistic heavy-ion collisions. European Physical Journal C, 2021, 81, 1.	3.9	6
30	Influences of Rashba Spin-Orbit Coupling on First Excited State of Magnetopolaron in Parobolic Quantum Dot. International Journal of Theoretical Physics, 2020, 59, 1829-1837.	1.2	5
31	Momentum dependence of light nuclei production in pâˆ’p , pâˆ’Pb , and Pb-Pb collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2021, 103, .	2.9	5
32	Probing color separate states ine+eâˆ’annihilation at theZ0pole. Physical Review D, 2002, 65, .	4.7	4
33	THE STUDY OF ELLIPTIC FLOWS OF IDENTIFIED HADRONS IN Au + Au COLLISIONS AT $sqrt{s_{NN}} = 200~{m GeV}$ WITH A QUARK COMBINATION MODEL. International Journal of Modern Physics A, 2010, 25, 985-992.	1.5	3
34	Baryon-strangeness correlation in quark combination models. Physical Review C, 2015, 92, .	2.9	3
35	Multiplicity fluctuation and correlation of identified baryons in a quark combination model. Physical Review C, 2017, 95, .	2.9	3
36	Signals of quark combination at hadronization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi><mml:mi>p</mml:mi></mml:math> collisions at <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>200</mml:mn><mml:mtext>â€‰ Physical Review D, 2022, 105, .	4.7	3

#	Article	IF	Citations
37	Production characteristics of light (anti-)nuclei from (anti-)nucleon coalescence in heavy ion collisions at energies employed at the RHIC beam energy scan. Physical Review C, 2022, 105, .	2.9	3
38	Study of color connections ine+eâ^'annihilation. Physical Review D, 2004, 69, .	4.7	2
39	CENTRALITY, SYSTEM SIZE AND ENERGY DEPENDENCE OF CHARGED PARTICLE PSEUDORAPIDITY DISTRIBUTION. International Journal of Modern Physics A, 2008, 23, 5217-5227.	1.5	2
40	Statistical method in quark combination model. Chinese Physics C, 2020, 44, 034103.	3.7	2
41	Production of strange resonances in AA collisions at $sqrt{s_{{it NN}}} = 17.3$, 62.4 and 200 GeV. International Journal of Modern Physics E, 2014, 23, 1450060.	1.0	1
42	Multiplicity fluctuation and correlation of mesons and baryons in ultra-relativistic heavy-ion collisions at the LHC. Chinese Physics C, 2018, 42, 014102.	3.7	1
43	Effects of electromagnetic field and asymmetric Gaussian potential on low energy state energy of bound polaron in quantum well. Journal of the Korean Physical Society, 2020, 77, 582-586.	0.7	1
44	Probing quark charge correlations by identified hadrons in ultrarelativisticAAcollisions. Physical Review C, 2015, 91, .	2.9	0
45	Energy dependence of resonance production in relativistic heavy ion collisions. Chinese Physics C, 2017, 41, 014101.	3.7	0
46	PROBING COLOUR SEPARATE SINGLET STATES IN E⁺E⁻ ANNIHILATION AT Z⁰ POLE. , 2002, , .		0