

Xin Dong

List of Publications by Year in descending order

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26
papers

388
citations

1040056

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839539

18
g-index

26
all docs

26
docs citations

26
times ranked

325
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonance decay effects on anisotropy parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 597, 328-332.	4.1	100
2	Extensive particle identification with TPC and TOF at the STAR experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 558, 419-429.	1.6	87
3	Heavy quark production and properties of Quark-Gluon Plasma. Progress in Particle and Nuclear Physics, 2019, 104, 97-141.	14.4	64
4	Highlights from STAR. Nuclear Physics A, 2013, 904-905, 19c-26c.	1.5	26
5	Improving the calibration of the STAR TPC for the high- hadron identification. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 614, 28-33.	1.6	22
6	Stopping effects in U+U collisions with a beam energy of 520 MeV/nucleon. Physical Review C, 2007, 76, .	2.9	16
7	Charm quarks in medium and their contribution to di-electron spectra in relativistic heavy ion collisions. Physical Review C, 2014, 89, .	2.9	16
8	Di-electron production from vector mesons with medium modifications in heavy ion collisions. Physical Review C, 2012, 85, .	2.9	15
9	Open charm production at RHIC. Nuclear Physics A, 2006, 774, 343-352.	1.5	12
10	Study of bottom production with the STAR Heavy Flavor Tracker. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 025103.	3.6	6
11	Open charm production at RHIC. AIP Conference Proceedings, 2006, , .	0.4	5
12	Heavy Flavor Production, Energy Loss and Flow Experimental Overview. Nuclear Physics A, 2017, 967, 192-199.	1.5	5
13	Alignment calibration and performance study of the STAR PXL detector. Nuclear Science and Techniques/Hewuli, 2017, 28, 1.	3.4	4
14	Nuclear stopping and sideward-flow correlation from 0.35 A to 200 A GeV. Physical Review C, 2008, 78, .	2.9	3
15	$K^*(892)$ PRODUCTION IN $Au+Au$ COLLISIONS AT RHIC. International Journal of Modern Physics E, 2007, 16, 2103-2109.	1.0	2
16	Upgrade of the calibration procedure for a STAR time-of-flight detector with new electronics. Measurement Science and Technology, 2009, 20, 025102.	2.6	2
17	Study of a background reconstruction method for the measurement of D-meson azimuthal angular correlations. Nuclear Science and Techniques/Hewuli, 2021, 32, 1.	3.4	2
18	Improvement of resonance reconstruction with time-of-flight detector at STAR experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 596, 186-189.	1.6	1

#	ARTICLE	IF	CITATIONS
19	The Time-Of-Flight Detector for RHIC/STAR and The Related Physics. AIP Conference Proceedings, 2006, , .	0.4	0
20	Open Charm Production at RHIC: Recent Results from STAR. Acta Physica Hungarica A Heavy Ion Physics, 2006, 25, 435-442.	0.4	0
21	Heavy quark results from STAR. European Physical Journal C, 2009, 61, 659-664.	3.9	0
22	Polarization Measurements of Hyperons and Vector Mesons in Heavy Ion Collisions at STAR. , 2009, , .		0
23	Measurement of D^* mesons in jets from p + p collisions at $\sqrt{s} = 200$ GeV. Phys. Rev. Lett. 98, 152301 (2007). feagaart1ev2aaatCvAUfeBSjuyZL2yd9gzLbvyNv2CaerbuLwBLn % hiov2DGi1BTfMBaeXatLxBI9gBaerbd9wDYLwzYbItLDharqqtubsr % 4rNCHbGeaGqiVu0Je9sqqrpepC0xbbL8F4rqqrFfpeea0xe9Lq-jc9 % yqaqpepm0xbba9pwe9Q8fs0-yqaqpepae9pg0FirpepeKkFr0xfr-x % fr-xb9adbaqaeeGaciGaaiaabeqaaamaabaabaaGcbaWaaOaaaaeae % GacaWFZbaaleqaaaaa!3707! \$\$ sqrt s \$\$	1.8	0
24	PROJECTION OF A MEASUREMENT OF THE NONPHOTONIC ELECTRON v_2 IN Au + Au COLLISIONS AT STAR. International Journal of Modern Physics E, 2011, 20, 1701-1708.	1.0	0
25	High-pT hadronic trigger using electromagnetic calorimeter with the STAR detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 698, 19-25.	1.6	0
26	Recent Developments in Open Heavy Flavor Experiments. Nuclear and Particle Physics Proceedings, 2016, 276-278, 54-59.	0.5	0