

Xiaojun Yao

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

473
citations

623734

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794594

19
g-index

21
all docs

21
docs citations

21
times ranked

433
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41
2	Non-Abelian electric field correlator at NLO for dark matter relic abundance and quarkonium transport. Journal of High Energy Physics, 2022, 2022, 1.	4.7	17
3	Quarkonium Production in Heavy Ion Collisions: From Open Quantum System to Transport Equation. Nuclear Physics A, 2021, 1005, 121854.	1.5	5
4	Quarkonium semiclassical transport in quark-gluon plasma: factorization and quantum correction. Journal of High Energy Physics, 2021, 2021, 1.	4.7	31
5	Jet wake from linearized hydrodynamics. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
6	Open quantum systems for quarkonia. International Journal of Modern Physics A, 2021, 36, 2130010.	1.5	39
7	Quantum simulation of open quantum systems in heavy-ion collisions. Physical Review D, 2021, 104, .	4.7	22
8	Coupled Boltzmann transport equations of heavy quarks and quarkonia in quark-gluon plasma. Journal of High Energy Physics, 2021, 2021, 1.	4.7	48
9	Transverse momentum broadening of a jet in quark-gluon plasma: an open quantum system EFT. Journal of High Energy Physics, 2020, 2020, 1.	4.7	15
10	Fate of heavy quark bound states inside quark-gluon plasma. , 2020, , .		2
11	Quarkonium inside the quark-gluon plasma: Diffusion, dissociation, recombination, and energy loss. Physical Review D, 2019, 100, .	4.7	47
12	Quarkonium in-medium transport equation derived from first principles. Physical Review D, 2019, 99, .	4.7	72
13	Quarkonium production in heavy ion collisions: coupled Boltzmann transport equations. Nuclear Physics A, 2019, 982, 755-758.	1.5	12
14	QCD evolution of the orbital angular momentum of quarks and gluons: Genuine twist-three part. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 134941.	4.1	6
15	Computing the gluon Sivers function at small-x. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 361-366.	4.1	17
16	Quarkonium production in heavy ion collisions: coupled Boltzmann transport equations. , 2019, , .		1
17	Approach to equilibrium of quarkonium in quark-gluon plasma. Physical Review C, 2018, 97, .	2.9	30
18	Doubly charmed baryon production in heavy ion collisions. Physical Review D, 2018, 97, .	4.7	36

#	ARTICLE	IF	CITATIONS
19	Dynamical screening of $\hat{\Gamma}_{\pm}$ resonant scattering and thermal nuclear scattering rate in a plasma. Physical Review D, 2017, 95, .	4.7	2
20	An effective field theory approach to the stabilization of ${}^8\text{Be}$ in a QED plasma. Journal of Physics C: Nuclear and Particle Physics, 2016, 43, 07LT02.	3.6	2