

# Taesoo Song

## List of Publications by Year in descending order

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45  
papers

1,406  
citations

331670

21  
h-index

330143

37  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1228  
citing authors

#	ARTICLE	IF	CITATIONS
1	In-medium effects in strangeness production in heavy-ion collisions at (sub-) threshold energies. EPJ Web of Conferences, 2022, 259, 13002.	0.3	0
2	Comparison of heavy ion transport simulations: Ag + Ag collisions at $E_{\text{lab}} = 1.58A$ GeV. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 055108.	3.6	12
3	Transport model comparison studies of intermediate-energy heavy-ion collisions. Progress in Particle and Nuclear Physics, 2022, 125, 103962.	14.4	55
4	Exploring jet transport coefficients by elastic scattering in the strongly interacting quark-gluon plasma. Physical Review C, 2022, 106, .	2.9	5
5	$J/\psi$ near T. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136065.	4.1	3
6	In-medium effects in strangeness production in heavy-ion collisions at (sub)threshold energies. Physical Review C, 2021, 103, .	2.9	20
7	$K_1/K_2$ enhancement as a signature of chiral symmetry restoration in heavy ion collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136388.	4.1	1
8	Comparison of heavy-ion transport simulations: Mean-field dynamics in a box. Physical Review C, 2021, 104, .	2.9	38
9	Exploring non-equilibrium quark-gluon plasma effects on charm transport coefficients. Physical Review C, 2020, 101, .	2.9	18
10	Traces of nonequilibrium effects, initial condition, bulk dynamics, and elementary collisions in the charm observables. Physical Review C, 2020, 101, .	2.9	6
11	$D$ meson mass and heavy quark potential at finite temperature. Physical Review D, 2020, 101, .	4.7	6
12	Exploring the partonic phase at finite chemical potential within an extended off-shell transport approach. Physical Review C, 2019, 100, .	2.9	40
13	Toward the determination of heavy-quark transport coefficients in quark-gluon plasma. Physical Review C, 2019, 99, .	2.9	81
14	Comparison of heavy-ion transport simulations: Collision integral with pions and $\rho$ resonances in a box. Physical Review C, 2019, 100, .	2.9	60
15	QCD sum rule for open strange meson $K^*$ in nuclear matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 792, 160-169.		
16	Resolving discrepancies in the estimation of heavy quark transport coefficients in relativistic heavy-ion collisions. Physical Review C, 2019, 99, .	2.9	36
17	Comparison of heavy-ion transport simulations: Collision integral in a box. Physical Review C, 2018, 97, .	2.9	91
18	Discrepancy in low transverse momentum dileptons from relativistic heavy-ion collisions. Physical Review C, 2018, 98, .	2.9	4

#	ARTICLE	IF	CITATIONS
19	Open charm and dileptons from relativistic heavy-ion collisions. Physical Review C, 2018, 97, .	2.9	17
20	Hadronic effects on the $\chi_c$ production in relativistic heavy ion collisions. Physical Review C, 2018, 98, .	2.9	22
21	Exotic hadrons from heavy ion collisions. Progress in Particle and Nuclear Physics, 2017, 95, 279-322.	14.4	104
22	Production of primordial $\chi_c$ in relativistic heavy ion collisions and heavy-ion collisions. Physical Review C, 2017, 96, .	2.9	8
23	Traces of nonequilibrium dynamics in relativistic heavy-ion collisions. Physical Review C, 2017, 96, .	2.9	13
24	Single electrons from heavy-flavor mesons in relativistic heavy-ion collisions. Physical Review C, 2017, 96, .	2.9	14
25	Hadronization time of heavy quarks in nuclear matter. Physical Review C, 2016, 94, .	2.9	8
26	Charm production in $Pb-Pb$ collisions at energies available at the CERN Large Hadron Collider. Physical Review C, 2016, 93, .	2.9	92
27	Understanding transport simulations of heavy-ion collisions at $\sqrt{s_{NN}} = 100$ and $400$ GeV. Comparison of heavy-ion transport codes under controlled conditions. Physical Review C, 2016, 93, .	2.9	105
28	Tomography of the quark-gluon plasma by charm quarks. Physical Review C, 2015, 92, .	2.9	114
29	Modifications of the pion-production threshold in the nuclear medium in heavy ion collisions and the nuclear symmetry energy. Physical Review C, 2015, 91, .	2.9	60
30	Quarkonium formation time in relativistic heavy-ion collisions. Physical Review C, 2015, 91, .	2.9	11
31	Free energy versus internal energy potential for heavy-quark systems at finite temperature. Physical Review D, 2014, 89, .	4.7	21
32	Charmonia formation in quark-gluon plasma. Physical Review C, 2014, 89, .	2.9	8
33	Free energy versus internal energy potential for heavy quark systems at finite temperature. Nuclear Physics A, 2014, 931, 607-611.	1.5	0
34	Elliptic Flow Splitting as a Probe of the QCD Phase Structure at Finite Baryon Chemical Potential. Physical Review Letters, 2014, 112, 012301.	7.8	56
35	Partonic mean-field effects on matter and antimatter elliptic flows. Nuclear Physics A, 2014, 928, 234-246.	1.5	33
36	Effects of initial fluctuations on bottomonia suppression in relativistic heavy-ion collisions. Nuclear Physics A, 2013, 897, 141-150.	1.5	8

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37	Quarkonium formation time in quark-gluon plasma. Physical Review C, 2013, 87, .	2.9	10
38	Bottomonia suppression in relativistic heavy-ion collisions. Physical Review C, 2012, 85, .	2.9	34
39	Charmonium production from nonequilibrium charm and anticharm quarks in quark-gluon plasma. Physical Review C, 2012, 85, .	2.9	19
40	Charmonium production in relativistic heavy-ion collisions. Physical Review C, 2011, 84, .	2.9	33
41	$J/\psi$ production and elliptic flow in relativistic heavy-ion collisions. Physical Review C, 2011, 83, .	2.9	27
42	Flow of heavy flavor in hydrodynamics for relativistic heavy ion collisions. Physical Review C, 2011, 84, .	2.9	8
43	$R_{AA} v_2^{\psi}$ near midrapidity in heavy ion collisions at $\sqrt{s_{NN}}=200$ GeV. Physical Review C, 2010, 81, .	2.9	20
44	The thermal width of heavy quarkonia moving in quark-gluon plasma. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 621-627.	4.1	28
45	Widths of quarkonia in quark gluon plasma. Physical Review C, 2007, 76, .	2.9	43