

Kenji Morita

List of Publications by Year in descending order

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75
papers

1,407
citations

218677

26
h-index

345221

36
g-index

76
all docs

76
docs citations

76
times ranked

733
citing authors

#	ARTICLE	IF	CITATIONS
1	Exotic hadrons from heavy ion collisions. Progress in Particle and Nuclear Physics, 2017, 95, 279-322.	14.4	104
2	Mass Shift and Width Broadening of J/ψ in Hot Gluonic Plasma from QCD Sum Rules. Physical Review Letters, 2008, 100, 022301.	7.8	66
3	Charmonium Spectra at Finite Temperature from QCD Sum Rules with the Maximum Entropy Method. Physical Review Letters, 2011, 107, 092003.	7.8	55
4	QCD Sum Rules for Magnetically Induced Mixing between J/ψ and $\psi(3723)$. Physical Review Letters, 2014, 112, 172001.	7.8	54
5	Critical behavior of charmonia across the phase transition: A QCD sum rule approach. Physical Review C, 2008, 77, .	2.9	60
6	Dynamically integrated transport approach for heavy-ion collisions at high baryon density. Physical Review C, 2018, 98, .	2.9	47
7	Probing multistrange dibaryons with proton-omega correlations in high-energy heavy ion collisions. Physical Review C, 2016, 94, .	2.9	46
8	Comparison of space-time evolutions of hot, dense matter in $\sqrt{s_{NN}}=17$ and 130 GeV relativistic heavy ion collisions based on a hydrodynamical model. Physical Review C, 2002, 66, .	2.9	40
9	Hydrodynamical analysis of hadronic spectra in the 130 GeV/nucleon Au+Au collisions. Physical Review C, 2002, 65, .	2.9	39
10	Can the resonance structures be hadrons and molecules?. Nuclear Physics A, 2009, 815, 29-39.	1.5	38
11	Width of exotics from QCD sum rules : Tetraquarks or molecules?. Physical Review D, 2008, 78, .	4.7	36
12	Hadron-hadron correlation and interaction from heavy-ion collisions. Nuclear Physics A, 2016, 954, 294-307.	1.5	36
13	Probing J/ψ and $\psi(3723)$ in relativistic heavy-ion collisions. Physical Review C, 2020, 101, .	2.9	36
14	Heavy quarkonium correlators at finite temperature: QCD sum rule approach. Physical Review D, 2010, 82, .	4.7	35
15	Thermal modification of bottomonium spectra from QCD sum rules with the maximum entropy method. Nuclear Physics A, 2013, 897, 28-41.	1.5	34
16	Net quark number probability distribution near the chiral crossover transition. Physical Review C, 2013, 88, .	2.9	33

#	ARTICLE	IF	CITATIONS
19	ρ \hat{z} \hat{a} Correlation in Relativistic Heavy Ion Collisions with Nucleon-Hyperon Interaction from Lattice QCD. Nuclear Physics A, 2017, 967, 856-859.	1.5	33
20	Effects of kinematic cuts on net electric charge fluctuations. Physical Review C, 2016, 93, .	2.9	31
21	Criticality of the net-baryon number probability distribution at finite density. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 178-183.	4.1	30
22	$\langle K \hat{a} \rangle$ Correlation Function from High-Energy Nuclear Collisions and Chiral SU(3) Dynamics. Physical Review Letters, 2020, 124, 132501.	7.8	30
23	$J \hat{I}$ Properties of T_c at QCD second-order Stark effect. Physical Review D, 2009, 79, .	4.7	27
24	Charmonium mass in hot and dense hadronic matter. Physical Review C, 2012, 85, .	2.9	27
25	Functional renormalization group analysis of the soft mode at the QCD critical point. Progress of Theoretical and Experimental Physics, 2016, 2016, 073D01.	6.6	27
26	Probing deconfinement in a chiral effective model with Polyakov loop at imaginary chemical potential. Physical Review D, 2011, 84, .	4.7	26
27	Role of mesonic fluctuations in the Polyakov loop extended quark-meson model at imaginary chemical potential. Physical Review D, 2011, 84, .	4.7	25
28	Net baryon number probability distribution near the chiral phase transition. European Physical Journal C, 2014, 74, 1.	3.9	25
29	Free energy versus internal energy potential for heavy-quark systems at finite temperature. Physical Review D, 2014, 89, .	4.7	21
30	In-medium modification of P -wave charmonia from QCD sum rules. Physical Review C, 2009, 79, .	2.9	20
31	$N \hat{z}$ and \hat{b} interactions. Physical Review C, 2022, 105, .	2.9	20
32	Numerical analysis of a two-pion correlation function based on a hydrodynamical model. Physical Review C, 2000, 61, .	2.9	17
33	Mapping the phase diagram of strongly interacting matter. Physical Review D, 2011, 83, .	4.7	16
34	Tachyonic instability of the scalar mode prior to the QCD critical point based on the functional renormalization-group method in the two-flavor case. Physical Review D, 2017, 96, .	4.7	15
35	Renewed look at \hat{a}^2 in medium. Physical Review D, 2012, 86, .	4.7	14
36	Functional renormalization group study of phonon mode effects on the chiral critical point. Progress of Theoretical and Experimental Physics, 2013, 2013, .	6.6	12

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37	Net-baryon number fluctuations across the chiral phase transition at finite density in strong-coupling lattice QCD. Progress of Theoretical and Experimental Physics, 2015, 2015, 113D01.	6.6	11
38	Exotic hadrons and hadron-hadron interactions in heavy-ion collisions. Nuclear Physics A, 2013, 914, 377-386.	1.5	9
39	Momentum scale dependence of the net quark number fluctuations near chiral crossover. Progress of Theoretical and Experimental Physics, 2015, 2015, .	6.6	9
40	Multiplicity Dependence of Partially Coherent Pion Production in Relativistic Heavy Ion Collisions. Progress of Theoretical Physics, 2006, 116, 329-347.	2.0	7
41	Fourier coefficients of the net baryon number density and their scaling properties near a phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 19-25.	4.1	7
42	Rapidity dependence of HBT radii based on a hydrodynamical model. Brazilian Journal of Physics, 2007, 37, 1039-1046.	1.4	6
43	Temperature dependence of dimension-6 gluon operators and their effects on charmonium. Physical Review D, 2016, 93, .	4.7	5
44	Fourier coefficients of the net baryon number density and chiral criticality. Physical Review D, 2019, 100, .	4.7	5
45	Transverse Momentum Dependence of Hanbury Brown-Twiss Radii of Pions from a Perfectly Opaque Source with Hydrodynamic Flow. Progress of Theoretical Physics, 2004, 111, 93-103.	2.0	4
46	Charmonium states in quark-gluon plasma. Pramana - Journal of Physics, 2009, 72, 97-108.	1.8	4
47	Stable Yang-Lee zeros in a truncated fugacity series from the net baryon number multiplicity distribution. Physical Review D, 2015, 92, .	4.7	4
48	Source Chaoticity from Two- and Three-Pion Correlations in Au+Au collisions at. Progress of Theoretical Physics, 2005, 114, 583-593.	2.0	3
49	Properties of quarkonia at T_c . Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 104024.	3.6	3
50	Ab initio molecular dynamics study of isotope effects in lithium-ion conductors. Solid State Ionics, 2020, 355, 115434.	2.7	3
51	J/ψ near T_c . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136065.	4.1	3
52	Title is missing!. Acta Physica Polonica B, Proceedings Supplement, 2012, 5, 803.	0.1	3
53	Overlap between Lattice QCD and HRC with in-medium effects and parity doubling. EPJ Web of Conferences, 2018, 171, 05001.	0.3	2
54	Femtoscopic Study of Ξ Interaction and Search for the H Dibaryon State Around the Ξ Threshold. Few-Body Systems, 2021, 62, 1.	1.5	2

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55	HBT Effect Based on a Hydrodynamical Model. Progress of Theoretical Physics Supplement, 1997, 129, 185-189.	0.1	1
56	Analysis of one-and two-particle spectra at RHIC based on a hydrodynamical model. Pramana - Journal of Physics, 2003, 60, 1103-1106.	1.8	1
57	Source chaoticity in relativistic heavy ion collisions at SPS and RHIC. Brazilian Journal of Physics, 2007, 37, .	1.4	1
58	CHARMONIUM STATES IN QGP. Modern Physics Letters A, 2008, 23, 2409-2412.	1.2	1
59	Sigma meson in QCD sum rules using a two-quark current with derivatives. Physical Review D, 2009, 79, .	4.7	1
60	Critical behavior of J/ψ across the phase transition from QCD sum rules. Indian Journal of Physics, 2011, 85, 825-829.	1.8	1
61	Status and promise of particle interferometry in heavy-ion collisions. Brazilian Journal of Physics, 2007, 37, xxxi-xxxiv.	1.4	1
62	Two-particle correlation from a relativistic fluid with a first order phase transition. Nuclear Physics A, 2001, 680, 90-93.	1.5	0
63	COHERENCE OF PION SOURCES FROM MULTI-PION INTERFEROMETRY IN RELATIVISTIC HEAVY ION COLLISIONS AT SPS AND RHIC. International Journal of Modern Physics E, 2007, 16, 1826-1831.	1.0	0
64	Charmonium spectral functions at finite temperature from a Bayesian analysis of QCD sum rules. , 2011, , .		0
65	Quarkonium at $T > 0$. Progress of Theoretical Physics Supplement, 2012, 193, 93-96.	0.1	0
66	Charmonium spectrum at finite temperature from a Bayesian analysis of QCD sum rules. EPJ Web of Conferences, 2012, 20, 03001.	0.3	0
67	Quarkonia at Finite T: An Approach Based On QCD Sum Rules and the Maximum Entropy Method. Few-Body Systems, 2013, 54, 1059-1062.	1.5	0
68	Modification of hadronic spectral functions under extreme conditions: An approach based on QCD sum rules and the maximum entropy method. Nuclear Physics A, 2013, 914, 512-516.	1.5	0
69	Free energy versus internal energy potential for heavy quark systems at finite temperature. Nuclear Physics A, 2014, 931, 607-611.	1.5	0
70	Lambda-Lambda Correlation in Relativistic Heavy Ion Collisions. EPJ Web of Conferences, 2015, 97, 00020.	0.3	0
71	χ Interaction from High-Energy Heavy Ion Collisions. , 2017, , .		0
72	Probability Distribution of Conserved Charges in the Presence of the Chiral Phase Transition. Acta Physica Polonica B, Proceedings Supplement, 2014, 7, 69.	0.1	0

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73	Thermal Modification of Quarkonium Spectral Functions from QCD Sum Rules with the Maximum Entropy Method. , 2015, , .		0
74	PROBING THE QCD PHASE BOUNDARY WITH FLUCTUATIONS OF CONSERVED CHARGES. , 2015, , .		0
75	Dynamically Integrated Transport Model for High-energy Nuclear Collisions at ($3 < \sqrt{s_{NN}} < 30$) GeV. , 2020, , .		0