

# Ralf Rapp

## List of Publications by Year in descending order

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papers

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citations

257450

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302126

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41  
docs citations

41  
times ranked

4212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collectivity of $\langle \mathcal{J} \rangle$ Mesons in Heavy-Ion Collisions. Physical Review Letters, 2022, 128, 162301.	7.8	12
2	Transport in heavy-ion collisions. European Physical Journal A, 2021, 57, 1.	2.5	21
3	Baryonic sources of thermal photons. European Physical Journal A, 2020, 56, 1.	2.5	1
4	Spectral and transport properties of quark-gluon plasma in a nonperturbative approach. European Physical Journal A, 2020, 56, 1.	2.5	24
5	Hadronization and Charm-Hadron Ratios in Heavy-Ion Collisions. Physical Review Letters, 2020, 124, 042301.	7.8	57
6	Nonperturbative effects on radiative energy loss of heavy quarks. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
7	Fireball spectroscopy. Nature Physics, 2019, 15, 990-991.	16.7	1
8	Toward the determination of heavy-quark transport coefficients in quark-gluon plasma. Physical Review C, 2019, 99, .	2.9	81
9	Production of light nuclei at thermal freezeout in ultrarelativistic heavy-ion collisions. European Physical Journal A, 2019, 55, 1.	2.5	26
10	Probing the in-medium QCD force by open heavy-flavor observables. Physical Review C, 2019, 99, .	2.9	14
11	Dilepton radiation in heavy-ion collisions at small transverse momentum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 339-344.	4.1	20
12	In-medium charmonium production in proton-nucleus collisions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
13	Open Heavy-Flavor Production in Heavy-Ion Collisions. Annual Review of Nuclear and Particle Science, 2019, 69, 417-445.	10.2	73
14	Thermal dileptons as fireball thermometer and chronometer. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 586-590.	4.1	75
15	Open heavy flavor in QCD matter and in nuclear collisions. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 093002.	3.6	128
16	Physics perspectives of heavy-ion collisions at very high energy. Science China: Physics, Mechanics and Astronomy, 2016, 59, 1.	5.1	15
17	Massive Yang-Mills for vector and axial-vector spectral functions at finite temperature. Annals of Physics, 2016, 368, 70-109.	2.8	13
18	Thermal dileptons from coarse-grained transport as fireball probes at SIS energies. European Physical Journal A, 2016, 52, 1.	2.5	52

#	ARTICLE	IF	CITATIONS
19	Thermal photon emission from the $\bar{\psi}\psi$ system. Nuclear Physics A, 2016, 945, 1-20.	1.5	26
20	Universal parametrization of thermal photon rates in hadronic matter. Physical Review C, 2015, 91, .	2.9	40
21	Modifications of heavy-flavor spectra in Au-Au collisions. Physical Review C, 2015, 91, .	2.9	116
22	Sequential regeneration of charmonia in heavy-ion collisions. Nuclear Physics A, 2015, 943, 147-158.	1.5	116
23	Pseudo-critical enhancement of thermal photons in relativistic heavy-ion collisions?. Nuclear Physics A, 2015, 933, 256-271.	1.5	80
24	Dilepton emission in high-energy heavy-ion collisions with viscous hydrodynamics. Physical Review C, 2014, 89, .	2.9	64
25	Heavy flavor at the large hadron collider in a strong coupling approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 445-450.	4.1	151
26	Dilepton Spectroscopy of QCD Matter at Collider Energies. Advances in High Energy Physics, 2013, 2013, 1-17.	1.1	98
27	$D_s$ Meson as a Quantitative Probe of Diffusion and Hadronization in Nuclear Collisions. Physical Review Letters, 2013, 110, 112301.	7.8	154
28	Update on Chiral Symmetry Restoration in the Context of Dilepton Data. Journal of Physics: Conference Series, 2013, 420, 012017.	0.4	8
29	Ideal hydrodynamics for bulk and mid-strange hadrons in $\sqrt{s_{NN}} = 200$ GeV Au-Au collisions. Physical Review C, 2012, 86, .	2.9	33
30	Heavy-quark diffusion and hadronization in quark-gluon plasma. Physical Review C, 2012, 86, .	2.9	145
31	Evaluating chiral symmetry restoration through the use of sum rules. EPJ Web of Conferences, 2012, 36, 00012.	0.3	3
32	Medium modifications and production of charmonia at LHC. Nuclear Physics A, 2011, 859, 114-125.	1.5	203
33	Thermal photons and collective flow at energies available at the BNL Relativistic Heavy-Ion Collider. Physical Review C, 2011, 84, .	2.9	126
34	Scaling of elliptic flow, recombination, and sequential freeze-out of hadrons in heavy-ion collisions. Physical Review C, 2010, 82, .	2.9	21
35	In-Medium Vector Mesons, Dileptons and Chiral Restoration. , 2010, , .		11
36	Dilepton radiation at the CERN super-proton synchrotron. Nuclear Physics A, 2008, 806, 339-387.	1.5	149

#	ARTICLE	IF	CITATIONS
37	Hadronic production of thermal photons. Physical Review C, 2004, 69, .	2.9	269
38	Hadrochemistry and evolution of (anti)baryon densities in ultrarelativistic heavy-ion collisions. Physical Review C, 2002, 66, .	2.9	45
39	Signatures of thermal dilepton radiation at ultrarelativistic energies. Physical Review C, 2001, 63, .	2.9	125