

# Jean-François Paquet

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,645  
citations

430874

18  
h-index

276875

41  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger heavy-ion collision physics. <i>Physical Review C</i> , 2022, 105, .	2.9	27
2	Efficient emulation of relativistic heavy ion collisions with transfer learning. <i>Physical Review C</i> , 2022, 105, .	2.9	5
3	Parton energy loss in a hard-soft factorized approach. <i>Physical Review C</i> , 2022, 105, .	2.9	4
4	Out-of-equilibrium photon production in the late stages of relativistic heavy-ion collisions. <i>Physical Review C</i> , 2022, 105, .	2.9	6
5	JETSCAPE Collaboration. <i>Nuclear Physics A</i> , 2021, 1005, 122091.	1.5	0
6	Revisiting Bayesian constraints on the transport coefficients of QCD. <i>Nuclear Physics A</i> , 2021, 1005, 121749.	1.5	10
7	Probing Early-Time Dynamics and Quark-Gluon Plasma Transport Properties with Photons and Hadrons. <i>Nuclear Physics A</i> , 2021, 1005, 121863.	1.5	16
8	Multisystem Bayesian constraints on the transport coefficients of QCD matter. <i>Physical Review C</i> , 2021, 103, .	2.9	118
9	Phenomenological Constraints on the Transport Properties of QCD Matter with Data-Driven Model Averaging. <i>Physical Review Letters</i> , 2021, 126, 242301.	7.8	82
10	Determining the jet transport coefficient $\hat{q}$ from inclusive hadron suppression measurements using Bayesian parameter estimation. <i>Physical Review C</i> , 2021, 104, .	2.9	51
11	Effective viscosities in a hydrodynamically expanding boost-invariant QCD plasma. <i>Physical Review C</i> , 2020, 102, .	2.9	2
12	Exploring the influence of bulk viscosity of QCD on dilepton tomography. <i>Physical Review C</i> , 2020, 101, .	2.9	12
13	Photon radiation from heavy-ion collisions in the $\sqrt{s_{NN}}=19\text{--}200\text{GeV}$ regime. <i>Nuclear Physics A</i> , 2019, 982, 767-770.	1.5	7
14	Effective kinetic description of event-by-event pre-equilibrium dynamics in high-energy heavy-ion collisions. <i>Physical Review C</i> , 2019, 99, .	2.9	85
15	Matching the Nonequilibrium Initial Stage of Heavy Ion Collisions to Hydrodynamics with QCD Kinetic Theory. <i>Physical Review Letters</i> , 2019, 122, 122302.	7.8	101
16	Effects of bulk viscosity and hadronic rescattering in heavy ion collisions at energies available at the BNL Relativistic Heavy Ion Collider and at the CERN Large Hadron Collider. <i>Physical Review C</i> , 2018, 97, .	2.9	59
17	Collectivity and electromagnetic radiation in small systems. <i>Physical Review C</i> , 2017, 95, .	2.9	74
18	Initial conditions for hydrodynamics from kinetic theory equilibration. <i>Nuclear Physics A</i> , 2017, 967, 289-292.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Bulk viscous effects on flow and dilepton radiation in a hybrid approach. Nuclear Physics A, 2017, 967, 692-695.	1.5	1
20	Probing the space-time evolution of heavy ion collisions with photons and dileptons. Nuclear Physics A, 2017, 967, 184-191.	1.5	9
21	Phenomenological constraints on the bulk viscosity of QCD. Nuclear Physics A, 2017, 967, 429-432.	1.5	7
22	Electromagnetic probes of heavy ion collisions: recent developments. Nuclear and Particle Physics Proceedings, 2017, 289-290, 89-94.	0.5	2
23	Electromagnetic radiation and collectivity in small quark-gluon droplets. Nuclear and Particle Physics Proceedings, 2017, 289-290, 161-164.	0.5	1
24	Dilepton radiation and bulk viscosity in heavy-ion collisions. Nuclear and Particle Physics Proceedings, 2017, 289-290, 165-168.	0.5	1
25	Overview of electromagnetic probe production in ultra-relativistic heavy ion collisions. Journal of Physics: Conference Series, 2017, 832, 012035.	0.4	3
26	Thermal and prompt photons at RHIC and the LHC. Nuclear Physics A, 2016, 956, 409-412.	1.5	3
27	Direct photon production and jet energy-loss in small systems. Nuclear Physics A, 2016, 956, 741-744.	1.5	8
28	Electromagnetic radiation as a probe of the initial state and of viscous dynamics in relativistic nuclear collisions. Physical Review C, 2016, 94, .	2.9	21
29	Production of photons in relativistic heavy-ion collisions. Physical Review C, 2016, 93, .	2.9	190
30	Thermal Photon Radiation in High Multiplicity $p+Pb$ Collisions at the Large Hadron Collider. Physical Review Letters, 2016, 116, 072301.	7.8	18
31	Importance of the Bulk Viscosity of QCD in Ultrarelativistic Heavy-Ion Collisions. Physical Review Letters, 2015, 115, 132301.	7.8	278
32	Photon emission from a momentum-anisotropic quark-gluon plasma. Physical Review C, 2015, 91, .	2.9	30
33	Anisotropic flow of thermal photons as a quark-gluon plasma viscometer. Physical Review C, 2015, 91, .	2.9	55
34	Production and Elliptic Flow of Dileptons and Photons in a Matrix Model of the Quark-Gluon Plasma. Physical Review Letters, 2015, 114, 072301.	7.8	77
35	Thermal photons as a quark-gluon plasma thermometer reexamined. Physical Review C, 2014, 89, .	2.9	90
36	Thermal photon anisotropic flow serves as a quark-gluon plasma viscometer. Nuclear Physics A, 2014, 932, 184-188.	1.5	10

#	ARTICLE	IF	CITATIONS
37	Probing the early-time dynamics of relativistic heavy-ion collisions with electromagnetic radiation. Nuclear Physics A, 2014, 932, 230-234.	1.5	19
38	Probing the non-equilibrium dynamics of hot and dense QCD with dileptons. Nuclear Physics A, 2014, 931, 701-705.	1.5	5
39	Event-by-event direct photon anisotropic flow in relativistic heavy-ion collisions. Nuclear Physics A, 2014, 931, 675-680.	1.5	16
40	Extracting the bulk viscosity of the quark-gluon plasma. Nuclear Physics A, 2014, 931, 926-930.	1.5	41
41	Viscous photons in relativistic heavy ion collisions. Physical Review C, 2011, 84, .	2.9	81
42	Photons at the RHIC: the role of viscosity and of initial state fluctuations. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 124138.	3.6	15