

# Romulo Rougemont

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

721  
citations

567281

15  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

317  
citing authors

#	ARTICLE	IF	CITATIONS
1	Momentum transport in strongly coupled anisotropic plasmas in the presence of strong magnetic fields. <i>Physical Review D</i> , 2016, 94, .	4.7	98
2	Critical point in the phase diagram of primordial quark-gluon matter from black hole physics. <i>Physical Review D</i> , 2017, 96, .	4.7	87
3	Holographic calculation of the QCD crossover temperature in a magnetic field. <i>Physical Review D</i> , 2016, 93, .	4.7	69
4	Dynamical versus equilibrium properties of the QCD phase transition: A holographic perspective. <i>Physical Review D</i> , 2017, 96, .	4.7	66
5	Suppression of Baryon Diffusion and Transport in a Baryon Rich Strongly Coupled Quark-Gluon Plasma. <i>Physical Review Letters</i> , 2015, 115, 202301.	7.8	59
6	Hydrodynamic transport coefficients for the non-conformal quark-gluon plasma from holography. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	53
7	Energy loss, equilibration, and thermodynamics of a baryon rich strongly coupled quark-gluon plasma. <i>Journal of High Energy Physics</i> , 2016, 2016, 1-50.	4.7	39
8	Hot and dense quark-gluon plasma thermodynamics from holographic black holes. <i>Physical Review D</i> , 2021, 104, .	4.7	36
9	Thermal photon, dilepton production, and electric charge transport in a baryon rich strongly coupled QGP from holography. <i>Physical Review D</i> , 2016, 93, .	4.7	33
10	Critical behavior of non-hydrodynamic quasinormal modes in a strongly coupled plasma. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	31
11	Polyakov loop and heavy quark entropy in strong magnetic fields from holographic black hole engineering. <i>Physical Review D</i> , 2016, 94, .	4.7	26
12	Homogeneous isotropization and equilibration of a strongly coupled plasma with a critical point. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	20
13	Holographic Bjorken flow of a hot and dense fluid in the vicinity of a critical point. <i>Physical Review D</i> , 2019, 99, .	4.7	17
14	Nonhydrodynamic quasinormal modes and equilibration of a baryon dense holographic QGP with a critical point. <i>Physical Review D</i> , 2018, 98, .	4.7	16
15	Jet quenching parameters in strongly coupled anisotropic plasmas in the presence of magnetic fields. <i>Physical Review D</i> , 2020, 102, .	4.7	9
16	Violation of energy conditions and entropy production in holographic Bjorken flow. <i>Physical Review D</i> , 2021, 104, .	4.7	8
17	Holographic black hole engineering at finite baryon chemical potential. <i>Journal of Physics: Conference Series</i> , 2017, 832, 012048.	0.4	5
18	Hydrodynamization times of a holographic fluid far from equilibrium. <i>Physical Review D</i> , 2022, 105, .	4.7	5

#	ARTICLE	IF	CITATIONS
19	Chern-Simons diffusion rate across different phase transitions. Physical Review D, 2016, 93, .	4.7	4
20	Vanishing DC holographic conductivity from a magnetic monopole condensate. Journal of High Energy Physics, 2015, 2015, 1.	4.7	2
21	Diagonal and Hall holographic conductivities dual to a bulk condensate of magnetic monopoles. European Physical Journal C, 2020, 80, 1.	3.9	0