

# Yuji Hirono

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

601  
citations

623734

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h-index

580821

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g-index

27  
all docs

27  
docs citations

27  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral functions of heavy quarkonia in a bulk-viscous quark gluon plasma. Journal of High Energy Physics, 2022, 2022, 1.	4.7	1
2	Effective field theories for gapless phases with fractons via a coset construction. Physical Review B, 2022, 105, .	3.2	7
3	Counting Nambu-Goldstone Modes of Higher-Form Global Symmetries. Physical Review Letters, 2021, 126, 071601.	7.8	17
4	Structural Reduction of Hypergraphs Based on Topology. , 2021, , .		0
5	Structural reduction of chemical reaction networks based on topology. Physical Review Research, 2021, 3, .	3.6	7
6	Magnetic fields in heavy ion collisions: flow and charge transport. European Physical Journal C, 2020, 80, 1.	3.9	63
7	Heavy quarkonia in a bulk viscous medium. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
8	Effective gauge theories of superfluidity with topological order. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
9	Magnetohydrodynamics with chiral anomaly: Phases of collective excitations and instabilities. Physical Review D, 2019, 100, .	4.7	25
10	Higher-form symmetries and d-wave superconductors from doped Mott insulators. Physical Review B, 2019, 100, .	3.2	1
11	Quark-Hadron Continuity beyond the Ginzburg-Landau Paradigm. Physical Review Letters, 2019, 122, 212001. Topological order in the color-flavor locked phase of a ( $T_j$ ETQq0 0 0 rgBT /Overlock 10 Tf 50 327 Td (xmlns:mml="http://w	7.8	35
12	$U$ ( $N$ )	4.7	22
13	Dynamics of Vortices in Chiral Media: The Chiral Propulsion Effect. Physical Review Letters, 2018, 121, 142301.	7.8	7
14	Chiral magnetohydrodynamics for heavy-ion collisions. Nuclear Physics A, 2017, 967, 233-240.	1.5	2
15	New quantum effects in relativistic magnetohydrodynamics. Nuclear Physics A, 2017, 967, 840-843.	1.5	5
16	Quantized Chiral Magnetic Current from Reconnections of Magnetic Flux. Physical Review Letters, 2016, 117, 172301.	7.8	17
17	Self-similar inverse cascade of magnetic helicity driven by the chiral anomaly. Physical Review D, 2015, 92, .	4.7	80
18	Exchange fluctuation theorem for correlated quantum systems. Physical Review E, 2015, 92, 042113.	2.1	26

#	ARTICLE	IF	CITATIONS
19	Jarzynski-Type Equalities in Gambling: Role of Information in Capital Growth. Journal of Statistical Physics, 2015, 161, 721-742.	1.2	10
20	Non-Abelian Vortices, Majorana Fermions and Non-Abelian Statistics. , 2015, , .		1
21	Domain walls and vortices in chiral symmetry breaking. Progress of Theoretical and Experimental Physics, 2014, 2014, 33B01-0.	6.6	10
22	Vortices and other topological solitons in dense quark matter. Progress of Theoretical and Experimental Physics, 2014, 2014, .	6.6	103
23	Estimation of the electric conductivity of the quark gluon plasma via asymmetric heavy-ion collisions. Physical Review C, 2014, 90, .	2.9	60
24	Viscoelastic-electromagnetism and Hall viscosity. Progress of Theoretical and Experimental Physics, 2013, 2013, 13A02-0.	6.6	20
25	Anisotropic Optical Response of Dense Quark Matter under Rotation: Compact Stars as Cosmic Polarizers. Physical Review Letters, 2012, 109, 062501.	7.8	16
26	Non-Abelian statistics of vortices with multiple Majorana fermions. Physical Review B, 2012, 86, .	3.2	17
27	Topological interactions of non-Abelian vortices with quasiparticles in high density QCD. Physical Review D, 2011, 83, .	4.7	23