

# Aleksey Cherman

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

624  
citations

623734

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580821

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g-index

30  
all docs

30  
docs citations

30  
times ranked

306  
citing authors

#	ARTICLE	IF	CITATIONS
1	Confinement and graded partition functions for N=4 SYM. Physical Review D, 2021, 103, .	4.7	4
2	Lifetimes of near eternal false vacua. Physical Review D, 2021, 103, .	4.7	13
3	Higgs-confinement phase transitions with fundamental representation matter. Physical Review D, 2020, 102, .	4.7	14
4	Flow of Hagedorn singularities and phase transitions in large N gauge theories. Physical Review D, 2020, 101, .	4.7	2
5	Anomalies, a mod 2 index, and dynamics of 2d adjoint QCD. SciPost Physics, 2020, 8, .	4.9	31
6	Anyonic particle-vortex statistics and the nature of dense quark matter. Physical Review D, 2019, 100, .	4.7	27
7	Bose-Fermi cancellations without supersymmetry. Physical Review D, 2019, 99, .	4.7	9
8	Vacuum structure of Yang-Mills theory as a function of $\hat{t}$ . Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
9	Exponential reduction of finite volume effects with twisted boundary conditions. Physical Review D, 2017, 95, .	4.7	11
10	Order Parameters and Color-Flavor Center Symmetry in QCD. Physical Review Letters, 2017, 119, 222001.	7.8	37
11	Spectral sum rules for confining large-N theories. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4
12	Chiral Lagrangian from Duality and Monopole Operators in Compactified QCD. Physical Review Letters, 2016, 117, 081601.	7.8	41
13	Modularity and 4D-2D spectral equivalences for large-N gauge theories with adjoint matter. Journal of High Energy Physics, 2016, 2016, 1.	4.7	6
14	Emergent dimensions and branes from large- N confinement. Physical Review D, 2016, 94, .	4.7	11
15	Temperature-reflection symmetry. Physical Review D, 2015, 91, .	4.7	7
16	4D <sup>2</sup> Equivalence for large-N Yang-Mills theory. Physical Review D, 2015, 92, .	4.7	4
17	Casimir Energy of Confining Large $N$ Gauge Theories. Physical Review Letters, 2015, 114, 251604.	7.8	9
18	Bose-Fermi degeneracies in large N adjoint QCD. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17

#	ARTICLE	IF	CITATIONS
19	Decoding perturbation theory using resurgence: Stokes phenomena, new saddle points and Lefschetz thimbles. Journal of High Energy Physics, 2015, 2015, 1.	4.7	89
20	Resurgence and holomorphy: From weak to strong coupling. Journal of Mathematical Physics, 2015, 56, 053505.	1.1	17
21	Resurgence in Quantum Field Theory: Nonperturbative Effects in the Principal Chiral Model. Physical Review Letters, 2014, 112, 021601.	7.8	102
22	Searching for Fermi surfaces in super-QED. Journal of High Energy Physics, 2014, 2014, 1.	4.7	2
23	Volume Independence in the LargeNLimit and an Emergent Fermionic Symmetry. Physical Review Letters, 2013, 111, 121601.	7.8	39
24	NUCLEAR CONDENSATE AND HELIUM WHITE DWARFS. Astrophysical Journal, 2012, 749, 5.	4.5	3
25	Vortons in dense quark matter. Physical Review D, 2011, 84, .	4.7	3
26	The phases of deuterium at extreme densities. Journal of High Energy Physics, 2011, 2011, 1.	4.7	7
27	Orbifold Equivalence and the Sign Problem at Finite Baryon Density. Physical Review Letters, 2011, 106, 091603.	7.8	40
28	Model Independent Tests of Skyrmions and Their Holographic Cousins. Physical Review Letters, 2009, 103, 022001.	7.8	24
29	Can fermions save large N dimensional reduction?. Journal of High Energy Physics, 2009, 2009, 070-070.	4.7	12
30	The Skyrmion strikes back: baryons and a new largeNclimit. Journal of High Energy Physics, 2006, 2006, 035-035.	4.7	21