

# Chong-Sun Chu

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,517  
citations

430874

18  
h-index

302126

39  
g-index

51  
all docs

51  
docs citations

51  
times ranked

600  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformal boundary condition and massive gravitons in AdS/BCFT. Journal of High Energy Physics, 2022, 2022, 1.	4.7	15
2	Generalized Darmois-Israel Junction Conditions. Universe, 2022, 8, 250.	2.5	13
3	Gravitational waves in metastable supersymmetry breaking. Physical Review D, 2022, 105, .	4.7	1
4	Induced Quantized Spin Current in Vacuum. Physical Review Letters, 2021, 127, 111601.	7.8	6
5	Gravitational Waves in Axion Dark Matter. Universe, 2020, 6, 89.	2.5	10
6	Fermion condensation induced by the Weyl anomaly. Physical Review D, 2020, 102, .	4.7	11
7	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -theorem for anisotropic RG flows from holographic entanglement entropy. Physical Review D, 2020, 101, .	4.7	19
8	Weyl anomaly induced Fermi condensation and holography. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
9	Boundary string current & Weyl anomaly in six-dimensional conformal field theory. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
10	Weyl Anomaly and Vacuum Magnetization Current of M5-brane in Background Flux. Fortschritte Der Physik, 2019, 67, 1910005.	4.4	6
11	Memory effect in anti-de Sitter spacetime. Physical Review D, 2019, 100, .	4.7	10
12	Soft hair of dynamical black hole and Hawking radiation. Journal of High Energy Physics, 2018, 2018, 1.	4.7	22
13	Universality for shape dependence of Casimir effects from Weyl anomaly. Journal of High Energy Physics, 2018, 2018, 1.	4.7	24
14	Anomalous transport in holographic boundary conformal field theories. Journal of High Energy Physics, 2018, 2018, 1.	4.7	23
15	Weyl Anomaly Induced Current in Boundary Quantum Field Theories. Physical Review Letters, 2018, 121, 251602.	7.8	25
16	Adiabatic regularization for gauge fields and the conformal anomaly. Physical Review D, 2017, 95, .	4.7	31
17	Thermal bath in de Sitter space from holography. Physical Review D, 2017, 96, .	4.7	14
18	New proposal for a holographic boundary conformal field theory. Physical Review D, 2017, 96, .	4.7	37

#	ARTICLE	IF	CITATIONS
19	On new proposal for holographic BCFT. Journal of High Energy Physics, 2017, 2017, 1.	4.7	41
20	Dilaton, IR Effect in dS Space and IR-Driven Inflation. , 2017, , .		0
21	AdS/dS CFT Correspondence and Three Applications. , 2017, , .		0
22	Universality in the shape dependence of holographic Rényi entropy for general higher derivative gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	28
23	AdS/dS CFT correspondence. Physical Review D, 2016, 94, .	4.7	13
24	Dilaton, screening of the cosmological constant and IR-driven inflation. Journal of High Energy Physics, 2015, 2015, 1.	4.7	3
25	Non-abelian self-dual strings in six dimensions from four dimensional 1/2-BPS monopoles. Nuclear Physics B, 2014, 882, 289-302.	2.5	3
26	Non-abelian self-dual string and M2-M5 branes intersection in supergravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	11
27	Instanton wave and M-wave in multiple M5-branes system. European Physical Journal C, 2013, 73, 1.	3.9	2
28	A theory of non-abelian tensor gauge field with non-abelian gauge symmetry <math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co" />	2.5	18
29	Non-abelian action for multiple five-branes with self-dual tensors. Journal of High Energy Physics, 2012, 2012, 1.	4.7	43
30	Non-abelian self-dual string solutions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16
31	Open multiple M2-branes I: quantum geometry of the M5-brane in a C-field. General Relativity and Gravitation, 2011, 43, 2467-2478.	2.0	0
32	D1-brane in constant R-R 3-form flux and Nambu dynamics in string theory. Journal of High Energy Physics, 2011, 2011, 1.	4.7	6
33	Cartan-Weyl 3-algebras and the BLG theory II: strong-semisimplicity and generalized Cartan-Weyl 3-algebras. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
34	Open M2-branes with flux and the modified Basu-Harvey equation. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 135404.	2.1	5
35	Multiple self-dual strings on M5-branes. Journal of High Energy Physics, 2010, 2010, 1.	4.7	35
36	Nonequilibrium dynamics in noncommutative spacetime. Journal of High Energy Physics, 2010, 2010, 1.	4.7	2

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37	Cartan-Weyl 3-algebras and the BLG theory. I: classification of Cartan-Weyl 3-algebras. Journal of High Energy Physics, 2010, 2010, 1.	4.7	4
38	Towards the quantum geometry of the M5-brane in a constant C-field from multiple membranes. Journal of High Energy Physics, 2009, 2009, 097-097.	4.7	58
39	UV-divergences of Wilson loops for gauge/gravity duality. Journal of High Energy Physics, 2008, 2008, 103-103.	4.7	27
40	GENERAL MATCHING CONDITIONS IN BOUNCING COSMOLOGY AND CMB SPECTRUM. Modern Physics Letters A, 2007, 22, 1937-1944.	1.2	0
41	Spacetime Singularity and AdS/CFT for Time Dependent Background. Progress of Theoretical Physics Supplement, 2007, 171, 133-139.	0.1	2
42	LOCALITY, CAUSALITY AND NONCOMMUTATIVE GEOMETRY. International Journal of Modern Physics A, 2006, 21, 67-82.	1.5	19
43	EMERGENCE OF TIME FROM DIMENSIONAL REDUCTION IN NONCOMMUTATIVE GEOMETRY. Modern Physics Letters A, 2006, 21, 639-647.	1.2	3
44	String interactions and discrete symmetries of the pp-wave background. Classical and Quantum Gravity, 2003, 20, S457-S464.	4.0	22
45	MULTILOOP NONCOMMUTATIVE OPEN STRING THEORY AND THEIR QFT LIMIT. Modern Physics Letters A, 2001, 16, 211-225.	1.2	2
46	REMARKS ON INFLATION AND NONCOMMUTATIVE GEOMETRY. Modern Physics Letters A, 2001, 16, 2231-2240.	1.2	129
47	Constrained quantization of open string in background B field and non-commutative D-brane. Nuclear Physics B, 2000, 568, 447-456.	2.5	234
48	Non-commutative open string and D-brane. Nuclear Physics B, 1999, 550, 151-168.	2.5	483
49	Poisson Algebra of Differential Forms. International Journal of Modern Physics A, 1997, 12, 5573-5587.	1.5	17
50	Perturbative scattering phase shifts in one dimension: closed form results. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 226, 327-331.	2.1	4
51	THE BRAIDED QUANTUM TWO-SPHERE. Modern Physics Letters A, 1996, 11, 307-316.	1.2	4