

# Soo-Jong Rey

## List of Publications by Year in descending order

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94  
papers

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citations

136950

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docs citations

94  
times ranked

1498  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elliptic genus, anomaly cancellation and heterotic M-theory. Physical Review D, 2021, 103, .	4.7	0
2	Five-dimensional gauge theories from shifted web diagrams. Physical Review D, 2019, 99, .	4.7	11
3	Triality in little string theories. Physical Review D, 2018, 97, .	4.7	24
4	Asymptotic symmetries of colored gravity in three dimensions. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
5	Beyond triality: dual quiver gauge theories and little string theories. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
6	Dual little strings and their partition functions. Physical Review D, 2018, 97, .	4.7	13
7	Orthogonal bases of invariants in tensor models. Journal of High Energy Physics, 2018, 2018, 1.	4.7	19
8	Supersymmetric many-body systems from partial symmetries $\hat{\mathfrak{e}}_7$ integrability, localization and scrambling. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
9	A new approach to non-Abelian hydrodynamics. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
10	Higgs Mechanism and Holography of Partially Massless Higher Spin Fields. , 2017, , 317-352.		1
11	Dual little strings from F-theory and flop transitions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	25
12	E(lementary)-strings in six-dimensional heterotic F-theory. Journal of High Energy Physics, 2017, 2017, 1.	4.7	11
13	Effective action for non-geometric fluxes duality covariant actions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
14	A string theory which isn't about strings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
15	Massless and massive higher spins from anti-de Sitter space waveguide. Journal of High Energy Physics, 2016, 2016, 1.	4.7	11
16	Conformal Janus on Euclidean sphere. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
17	Self-duality and self-similarity of little string orbifolds. Physical Review D, 2016, 94, .	4.7	19
18	Instanton-monopole correspondence from M-branes on $S^1$ and little string theory. Physical Review D, 2016, 93, .	4.7	25

#	ARTICLE	IF	CITATIONS
19	Rainbow vacua of colored higher-spin (A)dS3 gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	31
20	New supersymmetric localizations from topological gravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	17
21	Rainbow valley of colored (anti) de Sitter gravity in three dimensions. Journal of High Energy Physics, 2016, 2016, 1-31.	4.7	17
22	M-strings, monopole strings, and modular forms. Physical Review D, 2015, 92, .	4.7	23
23	O(D, D) covariant Noether currents and global charges in double field theory. Journal of High Energy Physics, 2015, 2015, 1.	4.7	34
24	Rigid holography and six-dimensional $N = 2$ theories on $AdS_5 \times S^1$ . Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
25	Three-dimensional SCFT on conic space as hologram of charged topological black hole. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
26	Scanning tunneling microscopy, black holes and AdS/CFT bulk locality. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
27	Lifshitz holography with isotropic scale invariance. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
28	Super-Witt asymptotic symmetry of higher-spin AdS3 supergravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	73
29	Exact results and holography of Wilson loops in $N = 2$ superconformal (quiver) gauge theories. Journal of High Energy Physics, 2011, 2011, 1.	4.7	45
30	Baryon and dark matter genesis from strongly coupled strings. Journal of High Energy Physics, 2011, 2011, 1.	4.7	47
31	Composite fermion metals from dyon black holes and S-duality. Journal of High Energy Physics, 2010, 2010, 1.	4.7	11
32	Nonlinear Witt as asymptotic symmetry of three-dimensional higher spin AdS gravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	328
33	Integrability of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace; font-size: 0.8em;">\mathbb{S} \rangle$ Chern-Simons theory at six loops and beyond. Physical Review D, 2010, 81, .	4.7	6
34	String Theory on Thin Semiconductors. Progress of Theoretical Physics Supplement, 2009, 177, 128-142.	0.1	81
35	Wilson loops in superconformal Chern-Simons theory and fundamental strings in Anti-de Sitter supergravity dual. Journal of High Energy Physics, 2009, 2009, 127-127.	4.7	101
36	Observables and correlators in non-relativistic ABJM theory. Journal of High Energy Physics, 2009, 2009, 029-029.	4.7	14

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37	Integrable spin chain in superconformal Chern-Simons theory. Journal of High Energy Physics, 2008, 2008, 053-053.	4.7	112
38	Reflecting magnon bound states. Journal of High Energy Physics, 2008, 2008, 050-050.	4.7	24
39	Unitarity meets channel-duality for rolling/decaying D-branes. Journal of High Energy Physics, 2006, 2006, 014-014.	4.7	7
40	Comments on anomalies and charges of toric-quiver duals. Journal of High Energy Physics, 2006, 2006, 068-068.	4.7	20
41	Emergent AdS <sub>3</sub> and BTZ black hole from weakly interacting hot 2d CFT. Journal of High Energy Physics, 2006, 2006, 023-023.	4.7	7
42	D-brane propagation in two-dimensional black hole geometries. Journal of High Energy Physics, 2005, 2005, 020-020.	4.7	16
43	Rolling Down the Throat in NS5-brane Background: The Case of Electrified D-Brane. Journal of High Energy Physics, 2005, 2005, 052-052.	4.7	32
44	Supertwistor Orbifolds: Gauge Theory Amplitudes and Topological Strings. Journal of High Energy Physics, 2004, 2004, 017-017.	4.7	20
45	Exactly Soluble Dynamics of (p,q) String Near Macroscopic Fundamental Strings. Journal of High Energy Physics, 2004, 2004, 008-008.	4.7	22
46	Can branes travel beyond CTC horizon in G <sub>2</sub> /U(1) universe?. Nuclear Physics B, 2003, 669, 57-77.	2.5	27
47	Rolling tachyon with electric and magnetic fields: a T-duality approach. Physical Review D, 2003, 67, .	4.7	66
48	Rolling of a modulated tachyon with gauge flux and an emergent fundamental string. Physical Review D, 2003, 68, .	4.7	39
49	Interacting open Wilson lines from noncommutative field theories. Physical Review D, 2002, 65, .	4.7	15
50	Cosmological Spacetimes from Negative Tension Brane Backgrounds. Journal of High Energy Physics, 2002, 2002, 028-028.	4.7	56
51	S-duality, noncritical open string and noncommutative gauge theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 215-222.	4.1	57
52	Open Wilson lines and generalized star product in noncommutative scalar field theories. Physical Review D, 2001, 65, .	4.7	20
53	Noncommutative Sp(2,R) gauge theories: A field theory approach to two-time physics. Physical Review D, 2001, 64, .	4.7	27
54	Holographic principle and string cosmology. Classical and Quantum Gravity, 2000, 17, L1-L7.	4.0	48

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55	More CFTs and RG flows from deforming M2/M5-brane horizon. Nuclear Physics B, 2000, 572, 188-207.	2.5	32
56	Open Wilson lines in noncommutative gauge theory and tomography of holographic dual supergravity. Nuclear Physics B, 2000, 590, 453-470.	2.5	75
57	Three-dimensional CFTs and RG flow from squashing M2-brane horizon. Nuclear Physics B, 2000, 565, 210-224.	2.5	25
58	Holographic view of causality and locality via branes in AdS/CFT correspondence. Nuclear Physics B, 2000, 572, 151-187.	2.5	14
59	Cosmic holography +. Classical and Quantum Gravity, 2000, 17, L83-L89.	4.0	325
60	Holographic principle and topology change in string theory. Classical and Quantum Gravity, 1999, 16, L37-L43.	4.0	17
61	Non-supersymmetric stable vacua of M-theory. Journal of High Energy Physics, 1999, 1999, 014-014.	4.7	29
62	BPS dynamics of the triple (p, q) string junction. Nuclear Physics B, 1998, 526, 229-240.	2.5	40
63	Wilson-Polyakov loop at finite temperature in large-N gauge theory and anti-de Sitter supergravity. Nuclear Physics B, 1998, 527, 171-186.	2.5	339
64	M(atrrix) theory on orbifold and five-branes. Nuclear Physics B, 1998, 534, 155-182.	2.5	13
65	Dual D-brane actions on AdS <sub>5</sub> × S <sup>5</sup> . Journal of High Energy Physics, 1998, 1998, 008-008.	4.7	7
66	Vubfrom the hadron energy spectrum in inclusive semileptonicBdecays. Physical Review D, 1997, 56, 4250-4259.	4.7	8
67	Heterotic M(atrrix) strings and their interactions. Nuclear Physics B, 1997, 502, 170-190.	2.5	83
68	Wilson lines and T-duality in heterotic M(atrrix) theory. Nuclear Physics B, 1997, 508, 535-568.	2.5	23
69	Classical and quantum aspects of BPS black holes in N = 2, D = 4 heterotic string compactifications. Nuclear Physics B, 1997, 508, 569-608.	2.5	9
70	Absorption and recoil of fundamental strings by D-strings. Nuclear Physics B, 1997, 508, 107-121.	2.5	4
71	Critical points and phase transitions in 5d compactifications of M-theory. Nuclear Physics B, 1997, 508, 147-180.	2.5	47
72	Cosmological quantum string vacua and string-string duality. Nuclear Physics, Section B, Proceedings Supplements, 1997, 52, 344-346.	0.4	8

#	ARTICLE	IF	CITATIONS
73	BPS spectra and non-perturbative gravitational couplings in $N = 2, 4$ supersymmetric string theories. Nuclear Physics B, 1996, 464, 18-58.	2.5	47
74	Higher-order gravitational couplings and modular forms in $N = 2, D = 4$ heterotic string compactifications. Nuclear Physics B, 1996, 481, 353-388.	2.5	25
75	On the thermal regeneration rate for light gravitinos in the early Universe. Astroparticle Physics, 1996, 4, 371-385.	4.3	97
76	Back Reaction and Graceful Exit in String Inflationary Cosmology. Physical Review Letters, 1996, 77, 1929-1932.	7.8	62
77	Light-front view of the axial anomaly. Physical Review D, 1996, 53, 5815-5820.	4.7	26
78	Instanton contribution to $431-1431-1431-1$ decay. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 431-438.	1.5	7
79	Non-perturbative stability of supergravity and superstring vacua. Nuclear Physics B, 1993, 389, 3-24.	2.5	53
80	Instanton effects in supergravity theories. Physical Review Letters, 1993, 71, 1132-1135.	7.8	4
81	Spontaneous CP violation, small instantons, and invisible axions. Physical Review D, 1993, 47, R2652-R2655.	4.7	1
82	Spontaneous CP violation at the electroweak scale. Physical Review Letters, 1992, 69, 1308-1311.	7.8	7
83	Static domain walls in $N = 1$ supergravity. Nuclear Physics B, 1992, 381, 301-328.	2.5	204
84	Enhanced mass spectrum of pseudo-Goldstone bosons?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 141-147.	4.1	1
85	Confining phase of superstrings and axionic strings. Physical Review D, 1991, 43, 526-538.	4.7	164
86	Duality, axion charge, and quantum mechanical hair. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 254, 355-359.	4.1	2
87	Stringy domain walls and target-space modular invariance. Physical Review Letters, 1991, 67, 1836-1839.	7.8	89
88	Exactly soluble model of fractional statistics. Physical Review Letters, 1990, 65, 1671-1674.	7.8	66
89	Space-time wormholes with Yang-Mills fields. Nuclear Physics B, 1990, 336, 146-156.	2.5	29
90	Axion dynamics in wormhole background. Physical Review D, 1989, 39, 3185-3189.	4.7	27

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91	The collective dynamics and the correlations of wormholes in quantum gravity. Nuclear Physics B, 1989, 319, 765-787.	2.5	6
92	Higgs mechanism for Kalb-Ramond gauge field. Physical Review D, 1989, 40, 3396-3401.	4.7	50
93	Dynamics of inflationary phase transition. Nuclear Physics B, 1987, 284, 706-728.	2.5	116
94	CPviolation in charged-kaon decay. Physical Review D, 1986, 33, 1495-1498.	4.7	27