Nemanja Kaloper

List of Publications by Year
in descending order

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113 papers	7,802 citations	50276 46 h-index	49909 87 g-index
115 all docs	115 docs citations	115 times ranked	3526 citing authors

#	Article	IF	Citations
1	String axiverse. Physical Review D, 2010, 81, .	4.7	1,169
2	Bent domain walls as braneworlds. Physical Review D, 1999, 60, .	4.7	347
3	A small cosmological constant from a large extra dimension. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 193-199.	4.1	347
4	A Natural Framework for Chaotic Inflation. Physical Review Letters, 2009, 102, 121301.	7.8	304
5	Infinitely Large New Dimensions. Physical Review Letters, 2000, 84, 586-589.	7.8	235
6	An ignoble approach to large field inflation. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 023-023.	5.4	224
7	String theory and quintessence. Journal of High Energy Physics, 2001, 2001, 003-003.	4.7	205
8	Dimming Supernovae without Cosmic Acceleration. Physical Review Letters, 2002, 88, 161302.	7.8	178
9	Signatures of short distance physics in the cosmic microwave background. Physical Review D, 2002, 66, .	4.7	177
10	Quantum Black Holes as Holograms in AdS Braneworlds. Journal of High Energy Physics, 2002, 2002, 043-043.	4.7	167
11	Compact Hyperbolic Extra Dimensions: Branes, Kaluza-Klein Modes, and Cosmology. Physical Review Letters, 2000, 85, 928-931.	7.8	165
12	The O(dd) story of massive supergravity. Journal of High Energy Physics, 1999, 1999, 010-010.	4.7	162
13	DGP specteroscopy. Journal of High Energy Physics, 2006, 2006, 066-066.	4.7	158
14	Rapid asymmetric inflation and early cosmology in theories with sub-millimeter dimensions. Nuclear Physics B, 2000, 567, 189-228.	2.5	141
15	Initial Conditions for Inflation. Journal of High Energy Physics, 2002, 2002, 037-037.	4.7	137
16	Sequestering the Standard Model Vacuum Energy. Physical Review Letters, 2014, 112, 091304.	7.8	126
17	Towards a singularity-free inflationary universe?. Nuclear Physics B, 1995, 452, 677-702.	2.5	119
18	McVittieâ€™s legacy: Black holes in an expanding universe. Physical Review D, 2010, 81, .	4.7	114

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19	Inflation and large internal dimensions. Physical Review D, 1999, 59, .	4.7	107
20	Cosmology versus holography. Physical Review D, 1999, 60, .	4.7	99
21	Gravitational dynamics with lorentz chern-simons terms. Nuclear Physics B, 1991, 351, 778-792.	2.5	97
22	Axion hair for Kerr black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 251, 34-38.	4.1	91
23	Exorcising w<â˜’1. Annals of Physics, 2005, 317, 410-422.	2.8	88
24	Disformal inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 1-13.	4.1	85
25	Duality beyond the first loop. Physical Review D, 1997, 56, 7940-7953.	4.7	83
26	Miens of the three-dimensional black hole. Physical Review D, 1993, 48, 2598-2605.	4.7	79
27	A new perspective on DGP gravity. Journal of High Energy Physics, 2007, 2007, 069-069.	4.7	78
28	Super-GZK photons from photonâ€“axion mixing. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 005-005.	5.4	77
29	Charting the landscape of modified gravity. Journal of High Energy Physics, 2007, 2007, 045-045.	4.7	76
30	Manifestly Local Theory of Vacuum Energy Sequestering. Physical Review Letters, 2016, 116, 051302.	7.8	73
31	Vacuum energy sequestering: The framework and its cosmological consequences. Physical Review D, 2014, 90, .	4.7	68
32	Theories of inflation and conformal transformation. Nuclear Physics B, 1990, 341, 252-272.	2.5	67
33	Primeval corrections to the CMB anisotropies. Physical Review D, 2003, 68, .	4.7	67
34	Effects of the intergalactic plasma on supernova dimming via photonâ€“axion oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 535, 33-36.	4.1	66
35	Axions and the graceful exit problem in string cosmology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 371, 34-40.	4.1	65
36	Where in the string landscape is quintessence?. Physical Review D, 2009, 79, .	4.7	65

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37	How (not) to use the Palatini formulation of scalar-tensor gravity. Physical Review D, 2007, 76, .	4.7	59
38	Quantum field theory of interacting dark matter and dark energy: Dark monodromies. Physical Review D, 2016, 94, .	4.7	58
39	Dilatons in string cosmology. Astroparticle Physics, 1993, 1, 185-193.	4.3	57
40	Exact black holes and gravitational shockwaves on codimension-2 branes. Journal of High Energy Physics, 2006, 2006, 077-077.	4.7	56
41	TopologicalR4inflation. Physical Review D, 1999, 59, .	4.7	55
42	Lorentz Chern-Simons terms in Bianchi cosmologies and the cosmic no-hair conjecture. Physical Review D, 1991, 44, 2380-2387.	4.7	54
43	Physical properties of four-dimensional superstring gravity black hole solutions. Nuclear Physics B, 1993, 399, 137-168.	2.5	51
44	Small numbers from tunneling between brane throats. Physical Review D, 2001, 64, .	4.7	50
45	Galileon hairs of Dyson spheres, Vainshteinâ€™s coiffure and hirsute bubbles. Journal of High Energy Physics, 2011, 2011, 1.	4.7	50
46	Inflation from Broken Scale Invariance. Physical Review Letters, 2014, 113, 161302.	7.8	50
47	On the new string theory inspired mechanism of generation of cosmological perturbations. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 006-006.	5.4	46
48	GENERATING SMALL NUMBERS BY TUNNELING IN MULTI-THROAT COMPACTIFICATIONS. International Journal of Modern Physics A, 2004, 19, 2657-2704.	1.5	44
49	Of pNGB quiScript Ntessence. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 007-007.	5.4	43
50	Singularities in scalar-tensor cosmologies. Physical Review D, 1998, 57, 811-822.	4.7	42
51	Origami World. Journal of High Energy Physics, 2004, 2004, 061-061.	4.7	42
52	Gravitational shock waves and their scattering in brane-induced gravity. Physical Review D, 2005, 71, .	4.7	42
53	Sequestration of Vacuum Energy and the End of the Universe. Physical Review Letters, 2015, 114, 101302.	7.8	42
54	Dark energy, H0 and weak gravity conjecture. International Journal of Modern Physics D, 2019, 28, 1944017.	2.1	40

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55	Evaporation of a black hole off of a tense brane. Physical Review D, 2007, 75, .	4.7	39
56	Natural chaotic inflation and ultraviolet sensitivity. Physical Review D, 2014, 90, .	4.7	39
57	Pre-big-bang requires the universe to be exponentially large from the very beginning. Physical Review D, 1999, 59, .	4.7	38
58	Brane-Induced-Gravity Shock Waves. Physical Review Letters, 2005, 94, 181601.	7.8	37
59	Is string theory a theory of strings?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 368, 71-77.	4.1	36
60	Dynamics and perturbations in assisted chaotic inflation. Physical Review D, 2000, 61, .	4.7	34
61	Stringy Toda cosmologies. Physical Review D, 1997, 55, 3394-3402.	4.7	32
62	Vacuum Energy Sequestering and Graviton Loops. Physical Review Letters, 2017, 118, 061303.	7.8	31
63	Wavy strings: Black or bright?. Physical Review D, 1997, 55, 7625-7644.	4.7	30
64	Crystal manyfold universes in AdS space. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 474, 269-281.	4.1	28
65	Strong Coupling and Bounds on the Spin-2 Mass in Massive Gravity. Physical Review Letters, 2013, 111, 021802.	7.8	28
66	The accelerated acceleration of the universe. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 022-022.	5.4	26
67	BRANE INDUCED GRAVITY: CODIMENSION-2. Modern Physics Letters A, 2008, 23, 781-796.	1.2	26
68	Moduli entrapment with primordial black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 606, 234-244.	4.1	25
69	London equation for monodromy inflation. Physical Review D, 2017, 95, .	4.7	24
70	Unitarity and the Vainshtein mechanism. Physical Review D, 2015, 91, .	4.7	23
71	Exact primordial black strings in four dimensions. Physical Review D, 1993, 48, 4658-4661.	4.7	22
72	An open cosmological model in string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 265-268.	4.1	21

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73	Observational implications of cosmological event horizons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 600, 7-14.	4.1	21
74	Geometric precipices in string cosmology. Physical Review D, 2008, 77, .	4.7	21
75	Publisherâ€™s Note: Vacuum energy sequestering: The framework and its cosmological consequences [Phys. Rev. D90, 084023 (2014)]. Physical Review D, 2014, 90, .	4.7	21
76	Cosmological solutions in M and string theory. Physical Review D, 1998, 57, 7340-7353.	4.7	20
77	Monodromy Inflation in the Strong Coupling Regime of the Effective Field Theory. Physical Review Letters, 2018, 121, 091301.	7.8	20
78	Sequestering effects on and of vacuum decay. Physical Review D, 2016, 94, .	4.7	19
79	Large field inflation and gravitational entropy. Physical Review D, 2016, 93, .	4.7	18
80	General double monodromy inflation. Physical Review D, 2022, 105, .	4.7	18
81	Entropy count for extremal three-dimensional black strings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 285-293.	4.1	17
82	Levitating dark matter. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 023-023.	5.4	17
83	An Ã©tude on global vacuum energy sequester. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
84	A Goldilocks Higgs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 808, 135616.	4.1	16
85	Inflation at the GUT scale in a Higgsless universe. Physical Review D, 2008, 78, .	4.7	15
86	How black holes form in high energy collisions. General Relativity and Gravitation, 2007, 39, 1525-1532.	2.0	14
87	Locally localized gravity: the inside story. Journal of High Energy Physics, 2005, 2005, 070-070.	4.7	13
88	Double monodromy inflation: Gravitational wave factory for CMB-S4, LiteBIRD, and LISA. Physical Review D, 2021, 104, .	4.7	13
89	Some new black string solutions in three dimensions. Physical Review D, 1995, 52, 4440-4454.	4.7	12
90	Strongly coupled quintessence. Physical Review D, 2019, 100, .	4.7	12

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91	Quantum cosmic no-hair theorem and inflation. Physical Review D, 2019, 99, .	4.7	12
92	A new dimension hidden in the shadow of a wall. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 92-96.	4.1	11
93	HOW BLACK HOLES FORM IN HIGH ENERGY COLLISIONS. International Journal of Modern Physics D, 2008, 17, 665-672.	2.1	11
94	Spherical cows in the sky with fab four. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 028-028.	5.4	11
95	Rollercoaster cosmology. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 058.	5.4	11
96	Challenging the cosmological constant. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 109-115.	4.1	10
97	Black hole echoes. Physical Review D, 2020, 102, .	4.7	10
98	Landscaping the strong CP problem. Journal of High Energy Physics, 2019, 2019, 1.	4.7	9
99	Topological mass generation in three-dimensional string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 320, 16-20.	4.1	8
100	Cutoffs, stretched horizons, and black hole radiators. Physical Review D, 2012, 86, .	4.7	8
101	Irrational monodromies of vacuum energy. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
102	Stringy cosmic strings and axion cohomology. Physical Review D, 1993, 47, 2403-2410.	4.7	7
103	Field redefinitions in string theory as a solution generating technique. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 11-17.	4.1	4
104	Anisotropies in nonthermal distortions of cosmic light from photon-axion conversion. Physical Review D, 2015, 91, .	4.7	4
105	Planck data and ultralight axions. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 041-041.	5.4	4
106	de Sitter branes in a flat bulk of massive gravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	2
107	A CLOSED BIANCHI I UNIVERSE IN STRING THEORY. Modern Physics Letters A, 1993, 08, 421-427.	1.2	1
108	Early inflation and cosmology in theories with sub-millimeter dimensions. , 1999, , .		1

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109	Cosmological Horizons, Quintessence and String Theory. Progress of Theoretical Physics Supplement, 2002, 148, 158-164.	0.1	1
110	Troubles with global monopoles in quantum gravity. International Journal of Modern Physics D, 0, , .	2.1	1
111	Initial conditions in brany and stringy cosmology. , 1999, , .		0
112	Small Numbers from Tunneling between Brane Throats. Progress of Theoretical Physics Supplement, 2002, 148, 29-47.	0.1	0
113	Topological ghosts and cosmological structure formation. Physical Review D, 2013, 87, .	4.7	0