

Yasunori Nomura

List of Publications by Year in descending order

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135
papers

6,794
citations

53794

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138
all docs

138
docs citations

138
times ranked

4589
citing authors

#	ARTICLE	IF	CITATIONS
1	From the black hole conundrum to the structure of quantum gravity. <i>Modern Physics Letters A</i> , 2021, 36, 2130007.	1.2	8
2	Black hole interior in unitary gauge construction. <i>Physical Review D</i> , 2021, 103, .	4.7	15
3	Information paradox and its resolution in de Sitter holography. <i>Physical Review D</i> , 2021, 103, .	4.7	78
4	Multiverse in an inverted island. <i>Physical Review D</i> , 2021, 104, .	4.7	18
5	Interior of a unitarily evaporating black hole. <i>Physical Review D</i> , 2020, 102, .	4.7	16
6	Coarse-graining holographic states: A semiclassical flow in general spacetimes. <i>Physical Review D</i> , 2020, 102, .	4.7	16
7	Ensemble from coarse graining: Reconstructing the interior of an evaporating black hole. <i>Physical Review D</i> , 2020, 102, .	4.7	23
8	Spacetime and universal soft modes: Black holes and beyond. <i>Physical Review D</i> , 2020, 101, .	4.7	27
9	Comments on holographic entanglement entropy in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle T \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ deformed conformal field theories. <i>Physical Review D</i> , 2019, 100, .	4.7	25
10	Reanalyzing an evaporating black hole. <i>Physical Review D</i> , 2019, 99, .	4.7	21
11	Outer entropy and quasilocal energy. <i>Physical Review D</i> , 2019, 99, .	4.7	7
12	Pure natural inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 776, 227-230.	4.1	31
13	Tensor modes in pure natural inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 780, 106-110.	4.1	8
14	Classical spacetimes as amplified information in holographic quantum theories. <i>Physical Review D</i> , 2018, 97, .	4.7	5
15	Pulling the boundary into the bulk. <i>Physical Review D</i> , 2018, 98, .	4.7	29
16	Area law unification and the holographic event horizon. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	12
17	Spacetime from unentanglement. <i>Physical Review D</i> , 2018, 97, .	4.7	27
18	Chiral Dark Sector. <i>Physical Review Letters</i> , 2017, 118, 101801.	7.8	20

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19	Toward a holographic theory for general spacetimes. <i>Physical Review D</i> , 2017, 95, .	4.7	31
20	Butterfly velocities for holographic theories of general spacetimes. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	3
21	Hidden pion varieties in composite models for diphoton resonances. <i>Physical Review D</i> , 2016, 94, .	4.7	3
22	Spacetime equals entanglement. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 763, 370-374.	4.1	14
23	750 GeV diphotons: implications for supersymmetric unification. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	43
24	Why firewalls need not exist. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 761, 62-69.	4.1	8
25	Flat-space quantum gravity in the AdS/CFT correspondence. <i>Physical Review D</i> , 2016, 93, .	4.7	1
26	Axion Isocurvature and Magnetic Monopoles. <i>Physical Review Letters</i> , 2016, 116, 141803.	7.8	36
27	Light chiral dark sector. <i>Physical Review D</i> , 2016, 94, .	4.7	18
28	750 GeV diphotons: implications for supersymmetric unification II. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	10
29	A composite model for the 750 GeV diphoton excess. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	23
30	Composite models for the 750 GeV diphoton excess. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 151-156.	4.1	145
31	Weak gravity conjecture in the AdS/CFT correspondence. <i>Physical Review D</i> , 2015, 92, .	4.7	48
32	Relativeness in quantum gravity: limitations and frame dependence of semiclassical descriptions. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	9
33	A note on Boltzmann brains. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 749, 514-518.	4.1	6
34	Black Hole Interior in Quantum Gravity. <i>Physical Review Letters</i> , 2015, 114, 201301.	7.8	22
35	Black holes, entropies, and semiclassical spacetime in quantum gravity. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	7
36	Entropy of a vacuum: What does the covariant entropy count?. <i>Physical Review D</i> , 2014, 90, .	4.7	14

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37	Supersymmetry from Typicality: TeV-Scale Gauginos and PeV-Scale Squarks and Sleptons. <i>Physical Review Letters</i> , 2014, 113, 111801.	7.8	23
38	Grand unification and intermediate scale supersymmetry. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	23
39	Grand unification, axion, and inflation in Intermediate Scale Supersymmetry. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	29
40	Low energy description of quantum gravity and complementarity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 733, 126-133.	4.1	14
41	Inflationary paradigm after Planck 2013. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 733, 112-119.	4.1	142
42	A note on (no) firewalls: the entropy argument. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	27
43	Complementarity endures: no firewall for an infalling observer. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	55
44	Quantum Mechanics, Spacetime Locality, and Gravity. <i>Foundations of Physics</i> , 2013, 43, 978-1007.	1.3	31
45	Spread Supersymmetry with W LSP: gluino and dark matter signals. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	109
46	Black holes, information, and Hilbert space for quantum gravity. <i>Physical Review D</i> , 2013, 87, .	4.7	40
47	Black holes or firewalls: A theory of horizons. <i>Physical Review D</i> , 2013, 88, .	4.7	16
48	What can the observation of nonzero curvature tell us?. <i>Physical Review D</i> , 2012, 86, .	4.7	51
49	Compact supersymmetry. <i>Physical Review D</i> , 2012, 86, .	4.7	22
50	Higgs descendants. <i>Physical Review D</i> , 2012, 86, .	4.7	7
51	Static quantum multiverse. <i>Physical Review D</i> , 2012, 86, .	4.7	13
52	Quantum Mechanics, Gravity, and the Multiverse. <i>The Astronomical Review</i> , 2012, 7, 36-52.	4.0	6
53	Supersymmetry with light stops. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	39
54	Spread Supersymmetry. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	137

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55	Cosmological constant in the quantum multiverse. <i>Physical Review D</i> , 2011, 84, .	4.7	13
56	Physical theories, eternal inflation, and the quantum universe. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	68
57	Goldstini. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	72
58	A finely-predicted Higgs boson mass from a finely-tuned weak scale. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	91
59	A definitive signal of multiple supersymmetry breaking. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	27
60	Singlet portal to the hidden sector. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	7
61	Environmentally selected WIMP dark matter with high-scale supersymmetry breaking. <i>Physical Review D</i> , 2010, 81, .	4.7	6
62	New Approach to the μ -Problem of Gauge-Mediated Supersymmetry Breaking. <i>Physical Review Letters</i> , 2009, 102, 111801.	7.8	48
63	Cosmic signals from the hidden sector. <i>Physical Review D</i> , 2009, 80, .	4.7	60
64	Dark matter signals from cascade annihilations. <i>Journal of Cosmology and Astroparticle Physics</i> , 2009, 2009, 016-016.	5.4	97
65	Dark matter through the axion portal. <i>Physical Review D</i> , 2009, 79, .	4.7	153
66	Multiverse understanding of cosmological coincidences. <i>Physical Review D</i> , 2009, 80, .	4.7	29
67	A simple and realistic model of supersymmetry breaking. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 661, 145-153.	4.1	10
68	Flavorful supersymmetry. <i>Physical Review D</i> , 2008, 77, .	4.7	29
69	Naturally flavorful supersymmetry at the LHC. <i>Physical Review D</i> , 2008, 78, .	4.7	9
70	More visible effects of the hidden sector. <i>Physical Review D</i> , 2008, 77, .	4.7	52
71	Evidence for the multiverse in the standard model and beyond. <i>Physical Review D</i> , 2008, 78, .	4.7	43
72	Flavorful supersymmetry from higher dimensions. <i>Journal of High Energy Physics</i> , 2008, 2008, 055-055.	4.7	29

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73	Gauge Mediation Simplified. <i>Physical Review Letters</i> , 2007, 98, 151803.	7.8	100
74	Simple scheme for gauge mediation. <i>Physical Review D</i> , 2007, 75, .	4.7	54
75	Supersymmetry without the desert. <i>Physical Review D</i> , 2007, 75, .	4.7	4
76	Supersymmetry without a light Higgs boson. <i>Physical Review D</i> , 2007, 75, .	4.7	90
77	Predictive supersymmetry from criticality. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 648, 213-223.	4.1	3
78	Minimally fine-tuned supersymmetric standard models with intermediate-scale supersymmetry breaking. <i>Nuclear Physics B</i> , 2006, 745, 29-48.	2.5	28
79	Dark matter before the LHC in a natural supersymmetric standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 632, 162-166.	4.1	16
80	$\hat{1}/4B$ -driven electroweak symmetry breaking. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 633, 573-582.	4.1	13
81	Natural little hierarchy from a partially goldstone twin Higgs. <i>Journal of High Energy Physics</i> , 2006, 2006, 126-126.	4.7	136
82	Holographic grand unification. <i>Journal of High Energy Physics</i> , 2006, 2006, 002-002.	4.7	17
83	Supersymmetry, naturalness, and signatures at the CERN LHC. <i>Physical Review D</i> , 2006, 73, .	4.7	182
84	A solution to the supersymmetric fine-tuning problem within the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 631, 58-67.	4.1	200
85	Supersymmetric fine-tuning problem and TeV-scale exotic scalars. <i>Physical Review D</i> , 2005, 72, .	4.7	23
86	Warped supersymmetric unification with a nonunified superparticle spectrum. <i>Physical Review D</i> , 2005, 71, .	4.7	13
87	Relaxing the upper bound on the mass of the lightest supersymmetric Higgs boson. <i>Physical Review D</i> , 2005, 71, .	4.7	40
88	A minimally fine-tuned supersymmetric standard model. <i>Nuclear Physics B</i> , 2005, 725, 207-250.	2.5	42
89	Evolving Dark Energy with $w \sim 1$. <i>Physical Review Letters</i> , 2005, 95, 141302.	7.8	29
90	Acceleressence: dark energy from a phase transition at the seesaw scale. <i>Journal of Cosmology and Astroparticle Physics</i> , 2004, 2004, 011-011.	5.4	20

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91	Holographic theories of electroweak symmetry breaking without a Higgs boson. Physical Review D, 2004, 69, .	4.7	77
92	Explicit supersymmetry breaking on boundaries of warped extra dimensions. Nuclear Physics B, 2004, 677, 87-114.	2.5	21
93	Matter unification in warped supersymmetric. Nuclear Physics B, 2004, 698, 92-110.	2.5	13
94	and unified theories on an elongated rectangle. Nuclear Physics B, 2004, 703, 217-235.	2.5	10
95	Grand unification in higher dimensions. Annals of Physics, 2003, 306, 132-156.	2.8	35
96	Higgs as a holographic pseudo-Goldstone boson. Nuclear Physics B, 2003, 671, 148-174.	2.5	497
97	Unification of Higgs and gauge fields in five dimensions. Nuclear Physics B, 2003, 656, 3-22.	2.5	180
98	Radiative electroweak symmetry breaking from a quasi-localized top quark. Nuclear Physics B, 2003, 663, 141-162.	2.5	31
99	Gauge mediation models with neutralino dark matter. Physical Review D, 2003, 68, .	4.7	8
100	Warped supersymmetric grand unification. Physical Review D, 2003, 67, .	4.7	67
101	Spectrum of TeV particles in warped supersymmetric grand unification. Physical Review D, 2003, 68, .	4.7	24
102	Higgsless theory of electroweak symmetry breaking from warped space. Journal of High Energy Physics, 2003, 2003, 050-050.	4.7	113
103	Complete theory of grand unification in five dimensions. Physical Review D, 2002, 66, .	4.7	92
104	Gauge coupling unification from unified theories in higher dimensions. Physical Review D, 2002, 65, .	4.7	103
105	Softly broken supersymmetric desert from orbifold compactification. Physical Review D, 2002, 66, .	4.7	58
106	Strongly coupled grand unification in higher dimensions. Physical Review D, 2002, 65, .	4.7	58
107	SO(10) unified theories in six dimensions. Physical Review D, 2002, 65, .	4.7	129
108	Models of Scherk-Schwarz symmetry breaking in 5d: classification and calculability. Nuclear Physics B, 2002, 624, 63-80.	2.5	83

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109	Gauge-Higgs unification in higher dimensions. Nuclear Physics B, 2002, 639, 307-330.	2.5	131
110	Wilson lines and symmetry breaking on orbifolds. Nuclear Physics B, 2002, 645, 85-104.	2.5	73
111	Unification of weak and hypercharge interactions at the TeV scale. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 532, 111-120.	4.1	21
112	R symmetry and the $\hat{I}^3/4$ problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 538, 359-365.	4.1	38
113	Finite radiative electroweak symmetry breaking from the bulk. Nuclear Physics B, 2001, 605, 81-115.	2.5	94
114	GUT breaking on the brane. Nuclear Physics B, 2001, 613, 147-166.	2.5	80
115	Viable ultraviolet-insensitive supersymmetry breaking. Journal of High Energy Physics, 2001, 2001, 041-041.	4.7	80
116	Constrained standard model from a compact extra dimension. Physical Review D, 2001, 63, .	4.7	177
117	Gauge unification in higher dimensions. Physical Review D, 2001, 64, .	4.7	369
118	Low-scale seesaw mechanisms for light neutrinos. Physical Review D, 2001, 64, .	4.7	87
119	Quintessence axion potential induced by electroweak instanton effects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 484, 103-111.	4.1	64
120	Bulk U(1) messenger. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 140-144.	4.1	7
121	Quark and lepton mass matrices in the SO(10) grand unified theory with generation flipping. Physical Review D, 2000, 61, .	4.7	10
122	Mass generation for an ultralight axion. Physical Review D, 2000, 61, .	4.7	8
123	Natural effective supersymmetry. Nuclear Physics B, 2000, 584, 3-45.	2.5	50
124	Long-lived superheavy particles in dynamical supersymmetry-breaking models in supergravity. Physical Review D, 1999, 60, .	4.7	28
125	Relation on gaugino masses in a supersymmetric SO(10) GUT—SO(6) Unified model. Physical Review D, 1999, 60, .	4.7	2
126	Grand-unification scale generation through anomalous U(1) breaking. Physical Review D, 1999, 60, .	4.7	17

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127	Long lived superheavy dark matter with discrete gauge symmetries. Physical Review D, 1999, 59, .	4.7	31
128	Large squark and slepton masses for the first-two generations in the anomalous U(1) SUSY breaking models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 445, 316-322.	4.1	36
129	Gauge-mediation model of dynamical SUSY breaking with a wide range of the gravitino mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 274-278.	4.1	10
130	Cosmological Constants as Messenger between Branes. Progress of Theoretical Physics, 1999, 102, 1181-1185.	2.0	13
131	A gauge mediation model of dynamical supersymmetry breaking without color instability. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 425, 107-113.	4.1	17
132	Superheavy dark matter with discrete gauge symmetries. Physical Review D, 1998, 58, .	4.7	44
133	Bimaximal neutrino mixing in SO(10)GUT. Physical Review D, 1998, 59, .	4.7	99
134	Phenomenological aspects of a direct-transmission model of dynamical supersymmetry breaking with the gravitino mass $m_{3/2} < 1 \text{ keV}$. Physical Review D, 1998, 58, .	4.7	25
135	Direct-transmission models of dynamical supersymmetry breaking. Physical Review D, 1997, 56, 2886-2892.	4.7	119