

Don N Page

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Photon boomerang in a nearly extreme Kerr metric. <i>Classical and Quantum Gravity</i> , 2022, 39, 135015.	4.0	2
2	No evidence for violation of the second law in extended black hole thermodynamics. <i>Physical Review D</i> , 2019, 100, .	4.7	18
3	Ingoing Eddington-Finkelstein metric of an evaporating black hole. <i>Physical Review D</i> , 2019, 100, .	4.7	16
4	The Bekenstein Bound. , 2019, , 159-171.		1
5	Finite upper bound for the Hawking decay time of an arbitrarily large black hole in anti-de Sitter spacetime. <i>Physical Review D</i> , 2018, 97, .	4.7	16
6	Qubit transport model for unitary black hole evaporation without firewalls. <i>Physical Review D</i> , 2018, 97, .	4.7	11
7	Normalized Observational Probabilities from Unnormalizable Quantum States or Phase-Space Distributions. <i>Foundations of Physics</i> , 2018, 48, 827-836.	1.3	0
8	Quantum optics approach to radiation from atoms falling into a black hole. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8131-8136.	7.1	48
9	A new way to derive the Taub-NUT metric with positive cosmological constant. <i>Journal of Mathematical Physics</i> , 2017, 58, 082501.	1.1	4
10	Scalar polynomial curvature invariant vanishing on the event horizon of any black hole metric conformal to a static spherical metric. <i>Physical Review D</i> , 2017, 95, .	4.7	19
11	Naked Black Hole Firewalls. <i>Physical Review Letters</i> , 2016, 116, 161304.	7.8	38
12	Universal area product for black holes: A heuristic argument. <i>Physical Review D</i> , 2015, 92, .	4.7	12
13	Hawking radiation energy and entropy from a Bianchi-Smerlak semiclassical black hole. <i>Physical Review D</i> , 2015, 92, .	4.7	7
14	Local Invariants Vanishing on Stationary Horizons: A Diagnostic for Locating Black Holes. <i>Physical Review Letters</i> , 2015, 114, 141102.	7.8	28
15	Spacetime Average Density (SAD) cosmological measures. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 038-038.	5.4	5
16	Excluding black hole firewalls with extreme cosmic censorship. <i>Journal of Cosmology and Astroparticle Physics</i> , 2014, 2014, 051-051.	5.4	29
17	Exact quantum-statistical dynamics of time-dependent generalized oscillators. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 723, 393-396.	4.1	3
18	Statistical evidence against simple forms of wavefunction collapse. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 207-209.	4.1	0

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19	Large Randall-Sundrum II black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 405-409.	4.1	46
20	Hyper-entropic gravitational fireballs (grireballs) with firewalls. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 037-037.	5.4	21
21	Spectral methods in general relativity and large Randall-Sundrum II black holes. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 039-039.	5.4	15
22	Time dependence of Hawking radiation entropy. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 028-028.	5.4	179
23	Massless scalar field vacuum in de Sitter spacetime. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 051-051.	5.4	11
24	Agnesi weighting for the measure problem of cosmology. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 031-031.	5.4	7
25	COSMOLOGICAL MEASURES WITH VOLUME AVERAGING. International Journal of Modern Physics Conference Series, 2011, 01, 80-89.	0.7	4
26	Ab initio estimates of the size of the observable universe. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 037-037.	5.4	2
27	Finite canonical measure for nonsingular cosmologies. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 038-038.	5.4	7
28	HUGE QUANTUM GRAVITY EFFECTS IN THE SOLAR SYSTEM. International Journal of Modern Physics D, 2010, 19, 2271-2274.	2.1	4
29	Distorted five-dimensional vacuum black hole. Physical Review D, 2010, 82, .	4.7	16
30	New Einstein-Sasaki and Einstein spaces from Kerr-de Sitter. Journal of High Energy Physics, 2009, 2009, 082-082.	4.7	32
31	The Born rule fails in cosmology. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 008-008.	5.4	31
32	Symmetric-bounce quantum state of the universe. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 026-026.	5.4	9
33	No superluminal expansion of the universe. Classical and Quantum Gravity, 2009, 26, 127001.	4.0	5
34	Nonvanishing local scalar invariants even in VSI spacetimes with all polynomial curvature scalar invariants vanishing. Classical and Quantum Gravity, 2009, 26, 055016.	4.0	5
35	Quantum Mechanics as a Simple Generalization of Classical Mechanics. Foundations of Physics, 2009, 39, 1197-1204.	1.3	1
36	Anthropic estimates of the charge and mass of the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 398-402.	4.1	9

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37	Insufficiency of the quantum state for deducing observational probabilities. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 41-44.	4.1	11
38	Is our universe decaying at an astronomical rate?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 669, 197-200.	4.1	19
39	Is our Universe likely to decay within 20 billion years?. Physical Review D, 2008, 78, .	4.7	53
40	Return of the Boltzmann brains. Physical Review D, 2008, 78, .	4.7	20
41	Defining entropy bounds. Journal of High Energy Physics, 2008, 2008, 007-007.	4.7	8
42	Bremsstrahlung effects around evaporating black holes. Physical Review D, 2008, 78, .	4.7	14
43	Typicality derived. Physical Review D, 2008, 78, .	4.7	11
44	Phase transitions for gauge theories on tori from the AdS/CFT correspondence. Journal of High Energy Physics, 2008, 2008, 037-037.	4.7	6
45	No-bang quantum state of the cosmos. Classical and Quantum Gravity, 2008, 25, 154011.	4.0	6
46	Cosmological measures without volume weighting. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 025.	5.4	22
47	Do evaporating black holes form photospheres?. Physical Review D, 2008, 78, .	4.7	56
48	Schwinger pair production in d dimensions. Physical Review D, 2008, 78, .	4.7	42
49	HAWKING RADIATION AND BLACK HOLE THERMODYNAMICS. , 2008, , .		1
50	BOUNDARY CONDITIONS AND PREDICTIONS OF QUANTUM COSMOLOGY. , 2008, , .		0
51	NO ASTROPHYSICAL DYADOSPHERES. , 2008, , .		0
52	Killing-Yano tensors, rank-2 Killing tensors, and conserved quantities in higher dimensions. Journal of High Energy Physics, 2007, 2007, 004-004.	4.7	88
53	Complete Integrability of Geodesic Motion in General Higher-Dimensional Rotating Black-Hole Spacetimes. Physical Review Letters, 2007, 98, 061102.	7.8	117
54	Improved approximations for fermion pair production in inhomogeneous electric fields. Physical Review D, 2007, 75, .	4.7	100

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55	Constants of geodesic motion in higher-dimensional black-hole spacetimes. Physical Review D, 2007, 76, .	4.7	52
56	Susskind's challenge to the Hartle-Hawking no-boundary proposal and possible resolutions. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 004-004.	5.4	35
57	Predictions and tests of multiverse theories. , 2007, , 411-430.		9
58	Schwinger pair production in electric and magnetic fields. Physical Review D, 2006, 73, .	4.7	103
59	Evidence against Macroscopic Astrophysical Dyadospheres. Astrophysical Journal, 2006, 653, 1400-1409.	4.5	18
60	DYADOSPHERES DON'T DEVELOP. , 2006, , .		1
61	The general Kerr-de Sitter metrics in all dimensions. Journal of Geometry and Physics, 2005, 53, 49-73.	1.4	356
62	Separability of the Hamilton-Jacobi and Klein-Gordon equations in Kerr-de Sitter metrics. Classical and Quantum Gravity, 2005, 22, 339-352.	4.0	56
63	Particle motion and scalar field propagation in Myers-Perry black-hole spacetimes in all dimensions. Classical and Quantum Gravity, 2005, 22, 1469-1482.	4.0	41
64	Hawking radiation and black hole thermodynamics. New Journal of Physics, 2005, 7, 203-203.	2.9	277
65	New Einstein-Sasaki Spaces in Five and Higher Dimensions. Physical Review Letters, 2005, 95, 071101.	7.8	182
66	Rotating Black Holes in Higher Dimensions with a Cosmological Constant. Physical Review Letters, 2004, 93, 171102.	7.8	254
67	Classical and quantum decay of oscillations: Oscillating self-gravitating real scalar field solitons. Physical Review D, 2004, 70, .	4.7	37
68	New inhomogeneous Einstein metrics on sphere bundles over Einstein-Kähler manifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 218-226.	4.1	46
69	Positive Mass from Holographic Causality. Physical Review Letters, 2002, 89, 121301.	7.8	10
70	Schwinger pair production via instantons in strong electric fields. Physical Review D, 2002, 65, .	4.7	131
71	Classical and quantum action-phase variables for time-dependent oscillators. Physical Review A, 2001, 64, .	2.5	31
72	Black holes with less entropy than $A/4$. Physical Review D, 2001, 65, .	4.7	2

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73	Low velocity gravitational capture by long cosmic strings. <i>Physical Review D</i> , 1999, 60, .	4.7	8
74	NUT charge, anti-de Sitter space, and entropy. <i>Physical Review D</i> , 1999, 59, .	4.7	178
75	Maximal acceleration is non-rotating. <i>Classical and Quantum Gravity</i> , 1998, 15, 1669-1719.	4.0	13
76	Gravitational capture and scattering of straight test strings with large impact parameters. <i>Physical Review D</i> , 1998, 58, .	4.7	8
77	Stress tensors for instantaneous vacua in dimensions. <i>Classical and Quantum Gravity</i> , 1997, 14, 3041-3061.	4.0	1
78	Space for both no-boundary and tunneling quantum states of the Universe. <i>Physical Review D</i> , 1997, 56, 2065-2072.	4.7	25
79	SENSIBLE QUANTUM MECHANICS: ARE PROBABILITIES ONLY IN THE MIND?. <i>International Journal of Modern Physics D</i> , 1996, 05, 583-596.	2.1	48
80	Linearly Positive Histories: Probabilities for a Robust Family of Sequences of Quantum Events. <i>Physical Review Letters</i> , 1995, 74, 3715-3719.	7.8	57
81	Physical states in canonically quantized supergravity. <i>Nuclear Physics B</i> , 1994, 423, 661-685.	2.5	27
82	Proof of the generalized second law for quasistationary semiclassical black holes. <i>Physical Review Letters</i> , 1993, 71, 3902-3905.	7.8	75
83	Information in black hole radiation. <i>Physical Review Letters</i> , 1993, 71, 3743-3746.	7.8	673
84	Average entropy of a subsystem. <i>Physical Review Letters</i> , 1993, 71, 1291-1294.	7.8	1,007
85	No time asymmetry from quantum mechanics. <i>Physical Review Letters</i> , 1993, 70, 4034-4037.	7.8	10
86	Thermal stress tensors in static Einstein Spaces. , 1993, , 264-274.		0
87	Vignettes: Ontogenetic Viewpoints. <i>Science</i> , 1992, 256, 864-864.	12.6	1
88	Wormhole spectrum of a quantum Friedmann-Robertson-Walker cosmology minimally coupled to a power-law scalar field and the cosmological constant. <i>Physical Review D</i> , 1992, 45, R3296-R3300.	4.7	16
89	Black-Hole Thermodynamics, Mass-Inflation, and Evaporation. , 1992, , 185-224.		4
90	An Enthusiasm in Cosmology: <i>Quantum Cosmology and Baby Universes</i> . S. Coleman, J. B. Hartle, T. Piran, and S. Weinberg, Eds. World Scientific, River Edge, NJ, 1991. xiv, 353 pp., illus. \$54; paper, \$32. Jerusalem Winter School for Theoretical Physics, vol. 7 (Dec. 1989).. <i>Science</i> , 1992, 256, 864-865.	12.6	0

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91	Minisuperspaces with conformally and minimally coupled scalar fields. <i>Journal of Mathematical Physics</i> , 1991, 32, 3427-3438.	1.1	46
92	Einstein metrics on S^3 , R^3 and R^4 bundles. <i>Communications in Mathematical Physics</i> , 1990, 127, 529-553.	2.2	201
93	Spectrum of wormholes. <i>Physical Review D</i> , 1990, 42, 2655-2663.	4.7	121
94	How probable is inflation?. <i>Nuclear Physics B</i> , 1988, 298, 789-809.	2.5	119
95	Probability of Bianchi type-I inflation. <i>Physical Review D</i> , 1988, 38, 2392-2398.	4.7	12
96	Geometrical description of Berry's phase. <i>Physical Review A</i> , 1987, 36, 3479-3481.	2.5	137
97	Probability of R^2 inflation. <i>Physical Review D</i> , 1987, 36, 1607-1624.	4.7	36
98	Density matrix of the Universe. <i>Physical Review D</i> , 1986, 34, 2267-2271.	4.7	50
99	Why is the universe so large?. <i>International Journal of Theoretical Physics</i> , 1986, 25, 545-552.	1.2	1
100	Astrophysics: Unravelling fates of black holes. <i>Nature</i> , 1986, 321, 111-111.	27.8	0
101	Conformally invariant quantum field theory in static Einstein space-times. <i>Physical Review D</i> , 1986, 33, 2840-2850.	4.7	112
102	Self-gravitating radiation in anti-de sitter space. <i>General Relativity and Gravitation</i> , 1985, 17, 1029-1042.	2.0	26
103	Will entropy decrease if the Universe recollapses?. <i>Physical Review D</i> , 1985, 32, 2496-2499.	4.7	77
104	Black-hole thermodynamics and singular solutions of the Tolman-Oppenheimer-Volkoff equation. <i>Physical Review D</i> , 1984, 29, 628-631.	4.7	33
105	Instabilities in Englert-type supergravity solutions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 145, 333-336.	4.1	14
106	Stability analysis of compactifications of $D = 11$ supergravity with $SU(3) \times SU(2) \times U(1)$ symmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 145, 337-341.	4.1	43
107	New squashed solutions of $d = 11$ supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 147, 55-60.	4.1	43
108	Which compactifications of $D = 11$ supergravity are stable?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 144, 346-350.	4.1	55

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109	Can inflation explain the second law of thermodynamics?. International Journal of Theoretical Physics, 1984, 23, 725-733.	1.2	5
110	Inflation does not explain time asymmetry. Nature, 1983, 304, 39-41.	27.8	35
111	Evolution without evolution: Dynamics described by stationary observables. Physical Review D, 1983, 27, 2885-2892.	4.7	307
112	Thermodynamics of black holes in anti-de Sitter space. Communications in Mathematical Physics, 1983, 87, 577-588.	2.2	2,122
113	How big is the universe today?. General Relativity and Gravitation, 1983, 15, 181-185.	2.0	10
114	Classical stability of round and squashed seven-spheres in eleven-dimensional supergravity. Physical Review D, 1983, 28, 2976-2982.	4.7	79
115	Comment on "Entropy Evaporated by a Black Hole". Physical Review Letters, 1983, 50, 1013-1013.	7.8	65
116	Thermal stress tensors in static Einstein spaces. Physical Review D, 1982, 25, 1499-1509.	4.7	256
117	Comment on a universal upper bound on the entropy-to-energy ratio for bounded systems. Physical Review D, 1982, 26, 947-949.	4.7	29
118	Page Responds:. Physical Review Letters, 1982, 48, 521-521.	7.8	3
119	Page Responds:. Physical Review Letters, 1982, 48, 523-523.	7.8	6
120	Two- and three-body contributions to cosmological monopole annihilation. Physical Review D, 1982, 26, 1306-1316.	4.7	13
121	The Einstein-Podolsky-Rosen physical reality is completely described by quantum mechanics. Physics Letters, Section A: General, Atomic and Solid State Physics, 1982, 91, 57-60.	2.1	46
122	Neutron star explosions?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1982, 91, 201-202.	2.1	8
123	Is quantum gravity deterministic and/or time symmetric?. General Relativity and Gravitation, 1982, 14, 299-302.	2.0	33
124	Indirect Evidence for Quantum Gravity. Physical Review Letters, 1981, 47, 979-982.	7.8	229
125	Black hole formation in a box. General Relativity and Gravitation, 1981, 13, 1117-1126.	2.0	18
126	Eternity matters. Nature, 1981, 291, 44-45.	27.8	11

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127	A periodic but nonstationary gravitational instanton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 100, 313-315.	4.1	10
128	Matter annihilation in the late universe. Physical Review D, 1981, 24, 1458-1469.	4.7	12
129	Particle transmutations in quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 95, 244-246.	4.1	14
130	Is Black-Hole Evaporation Predictable?. Physical Review Letters, 1980, 44, 301-304.	7.8	161
131	Green's functions for gravitational multi-instantons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 85, 369-372.	4.1	28
132	Taub-NUT instanton with an horizon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 78, 249-251.	4.1	75
133	A compact rotating gravitational instanton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 79, 235-238.	4.1	121
134	A physical picture of the K3 gravitational instanton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 80, 55-57.	4.1	91
135	Positive-action conjecture. Physical Review D, 1978, 18, 2733-2738.	4.7	19
136	Particle emission rates from a black hole. III. Charged leptons from a nonrotating hole. Physical Review D, 1977, 16, 2402-2411.	4.7	198
137	Thermodynamic paradoxes. Physics Today, 1977, 30, 11-83.	0.3	10
138	Dirac equation around a charged, rotating black hole. Physical Review D, 1976, 14, 1509-1510.	4.7	159
139	Particle emission rates from a black hole. II. Massless particles from a rotating hole. Physical Review D, 1976, 14, 3260-3273.	4.7	351
140	Particle emission rates from a black hole: Massless particles from an uncharged, nonrotating hole. Physical Review D, 1976, 13, 198-206.	4.7	860
141	Disk-Accretion onto a Black Hole. Time-Averaged Structure of Accretion Disk. Astrophysical Journal, 1974, 191, 499.	4.5	641
142	Measuring the Speed of Light with a Laser and Pockels Cell. American Journal of Physics, 1972, 40, 86-88.	0.7	8
143	Cosmological Ontology and Epistemology. , 0, , 317-329.		9