Don N Page

List of Publications by Year
in descending order

143	12,212	53794 45	24982 109
papers	citations	h-index	g-index

148	148	148	4335
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermodynamics of black holes in anti-de Sitter space. Communications in Mathematical Physics, 1983, 87, 577-588.	2.2	2,122
2	Average entropy of a subsystem. Physical Review Letters, 1993, 71, 1291-1294.	7.8	1,007
3	Particle emission rates from a black hole: Massless particles from an uncharged, nonrotating hole. Physical Review D, 1976, 13, 198-206.	4.7	860
4	Information in black hole radiation. Physical Review Letters, 1993, 71, 3743-3746.	7.8	673
5	Disk-Accretion onto a Black Hole. Time-Averaged Structure of Accretion Disk. Astrophysical Journal, 1974, 191, 499.	4.5	641
6	The general Kerrâ€“de Sitter metrics in all dimensions. Journal of Geometry and Physics, 2005, 53, 49-73.	1.4	356
7	Particle emission rates from a black hole. II. Massless particles from a rotating hole. Physical Review D, 1976, 14, 3260-3273.	4.7	351
8	Evolution without evolution: Dynamics described by stationary observables. Physical Review D, 1983, 27, 2885-2892.	4.7	307
9	Hawking radiation and black hole thermodynamics. New Journal of Physics, 2005, 7, 203-203.	2.9	277
10	Thermal stress tensors in static Einstein spaces. Physical Review D, 1982, 25, 1499-1509.	4.7	256
11	Rotating Black Holes in Higher Dimensions with a Cosmological Constant. Physical Review Letters, 2004, 93, 171102.	7.8	254
12	Indirect Evidence for Quantum Gravity. Physical Review Letters, 1981, 47, 979-982.	7.8	229
13	Einstein metrics onS 3,R 3 andR 4 bundles. Communications in Mathematical Physics, 1990, 127, 529-553.	2.2	201
14	Particle emission rates from a black hole. III. Charged leptons from a nonrotating hole. Physical Review D, 1977, 16, 2402-2411.	4.7	198
15	New Einstein-Sasaki Spaces in Five and Higher Dimensions. Physical Review Letters, 2005, 95, 071101.	7.8	182
16	Time dependence of Hawking radiation entropy. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 028-028.	5.4	179
17	NUT charge, antiâ€“de Sitter space, and entropy. Physical Review D, 1999, 59, .	4.7	178
18	Is Black-Hole Evaporation Predictable?. Physical Review Letters, 1980, 44, 301-304.	7.8	161

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19	Dirac equation around a charged, rotating black hole. Physical Review D, 1976, 14, 1509-1510.	4.7	159
20	Geometrical description of Berry's phase. Physical Review A, 1987, 36, 3479-3481.	2.5	137
21	Schwinger pair production via instantons in strong electric fields. Physical Review D, 2002, 65, .	4.7	131
22	A compact rotating gravitational instanton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 79, 235-238.	4.1	121
23	Spectrum of wormholes. Physical Review D, 1990, 42, 2655-2663.	4.7	121
24	How probable is inflation?. Nuclear Physics B, 1988, 298, 789-809.	2.5	119
25	Complete Integrability of Geodesic Motion in General Higher-Dimensional Rotating Black-Hole Spacetimes. Physical Review Letters, 2007, 98, 061102.	7.8	117
26	Conformally invariant quantum field theory in static Einstein space-times. Physical Review D, 1986, 33, 2840-2850.	4.7	112
27	Schwinger pair production in electric and magnetic fields. Physical Review D, 2006, 73, .	4.7	103
28	Improved approximations for fermion pair production in inhomogeneous electric fields. Physical Review D, 2007, 75, .	4.7	100
29	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
30	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
31	Classical stability of round and squashed seven-spheres in eleven-dimensional supergravity. Physical Review D, 1983, 28, 2976-2982.	4.7	79
32	Will entropy decrease if the Universe recollapses?. Physical Review D, 1985, 32, 2496-2499.	4.7	77
33	Taub-NUT instanton with an horizon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1978, 78, 249-251.	4.1	75
34	Proof of the generalized second law for quasistationary semiclassical black holes. Physical Review Letters, 1993, 71, 3902-3905.	7.8	75
35	Comment on "Entropy Evaporated by a Black Hole". Physical Review Letters, 1983, 50, 1013-1013.	7.8	65
36	Linearly Positive Histories: Probabilities for a Robust Family of Sequences of Quantum Events. Physical Review Letters, 1995, 74, 3715-3719.	7.8	57

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37	Separability of the Hamiltonâ€“Jacobi and Kleinâ€“Gordon equations in Kerrâ€“de Sitter metrics. Classical and Quantum Gravity, 2005, 22, 339-352.	4.0	56
38	Do evaporating black holes form photospheres?. Physical Review D, 2008, 78, .	4.7	56
39	Which compactifications of D = 11 supergravity are stable?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 144, 346-350.	4.1	55
40	Is our Universe likely to decay within 20 billion years?. Physical Review D, 2008, 78, .	4.7	53
41	Constants of geodesic motion in higher-dimensional black-hole spacetimes. Physical Review D, 2007, 76, .	4.7	52
42	Density matrix of the Universe. Physical Review D, 1986, 34, 2267-2271.	4.7	50
43	SENSIBLE QUANTUM MECHANICS: ARE PROBABILITIES ONLY IN THE MIND?. International Journal of Modern Physics D, 1996, 05, 583-596.	2.1	48
44	Quantum optics approach to radiation from atoms falling into a black hole. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8131-8136.	7.1	48
45	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
46	Minisuperspaces with conformally and minimally coupled scalar fields. Journal of Mathematical Physics, 1991, 32, 3427-3438.	1.1	46
47	New inhomogeneous Einstein metrics on sphere bundles over Einsteinâ€“KÃhler manifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 218-226.	4.1	46
48	Large Randallâ€“Sundrum II black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 720, 405-409.	4.1	46
49	Stability analysis of compactifications of D = 11 supergravity with SU(3) Ã— SU(2) Ã— U(1) symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 145, 337-341.	4.1	43
50	New squashed solutions of d = 11 supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 55-60.	4.1	43
51	Schwinger pair production in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi><mml:msub><mml:mi>S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi><mml:mi>d</mml:mi><mml:msub><mml:mi>S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review D, 2008, 78, .	4.7	42
52	Particle motion and scalar field propagation in Myersâ€“Perry black-hole spacetimes in all dimensions. Classical and Quantum Gravity, 2005, 22, 1469-1482.	4.0	41
53	Naked Black Hole Firewalls. Physical Review Letters, 2016, 116, 161304.	7.8	38
54	Classical and quantum decay of oscillations: Oscillating self-gravitating real scalar field solitons. Physical Review D, 2004, 70, .	4.7	37

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55	Probability ofR2inflation. Physical Review D, 1987, 36, 1607-1624.	4.7	36
56	Inflation does not explain time asymmetry. Nature, 1983, 304, 39-41.	27.8	35
57	Susskindâ€™s challenge to the Hartleâ€“Hawking no-boundary proposal and possible resolutions. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 004-004.	5.4	35
58	Is quantum gravity deterministic and/or time symmetric?. General Relativity and Gravitation, 1982, 14, 299-302.	2.0	33
59	Black-hole thermodynamics and singular solutions of the Tolman-Oppenheimer-Volkoff equation. Physical Review D, 1984, 29, 628-631.	4.7	33
60	New Einstein-Sasaki and Einstein spaces from Kerr-de Sitter. Journal of High Energy Physics, 2009, 2009, 082-082.	4.7	32
61	Classical and quantum action-phase variables for time-dependent oscillators. Physical Review A, 2001, 64, .	2.5	31
62	The Born rule fails in cosmology. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 008-008.	5.4	31
63	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
64	Excluding black hole firewalls with extreme cosmic censorship. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 051-051.	5.4	29
65	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
66	Local Invariants Vanishing on Stationary Horizons: A Diagnostic for Locating Black Holes. Physical Review Letters, 2015, 114, 141102.	7.8	28
67	Physical states in canonically quantized supergravity. Nuclear Physics B, 1994, 423, 661-685.	2.5	27
68	Self-gravitating radiation in anti-de sitter space. General Relativity and Gravitation, 1985, 17, 1029-1042.	2.0	26
69	Space for both no-boundary and tunneling quantum states of the Universe. Physical Review D, 1997, 56, 2065-2072.	4.7	25
70	Cosmological measures without volume weighting. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 025.	5.4	22
71	Hyper-entropic gravitational fireballs (grireballs) with firewalls. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 037-037.	5.4	21
72	Return of the Boltzmann brains. Physical Review D, 2008, 78, .	4.7	20

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73	Positive-action conjecture. Physical Review D, 1978, 18, 2733-2738.	4.7	19
74	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
75	Scalar polynomial curvature invariant vanishing on the event horizon of any black hole metric conformal to a static spherical metric. Physical Review D, 2017, 95, .	4.7	19
76	Black hole formation in a box. General Relativity and Gravitation, 1981, 13, 1117-1126.	2.0	18
77	Evidence against Macroscopic Astrophysical Dyadospheres. Astrophysical Journal, 2006, 653, 1400-1409.	4.5	18
78	No evidence for violation of the second law in extended black hole thermodynamics. Physical Review D, 2019, 100, .	4.7	18
79	Wormhole spectrum of a quantum Friedmann-Robertson-Walker cosmology minimally coupled to a power-law scalar field and the cosmological constant. Physical Review D, 1992, 45, R3296-R3300.	4.7	16
80	Distorted five-dimensional vacuum black hole. Physical Review D, 2010, 82, .	4.7	16
81	Finite upper bound for the Hawking decay time of an arbitrarily large black hole in antiâ€“de Sitter spacetime. Physical Review D, 2018, 97, .	4.7	16
82	Ingoing Eddington-Finkelstein metric of an evaporating black hole. Physical Review D, 2019, 100, .	4.7	16
83	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
84	Particle transmutations in quantum gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1980, 95, 244-246.	4.1	14
85	Instabilities in Englert-type supergravity solutions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 145, 333-336.	4.1	14
86	Bremsstrahlung effects around evaporating black holes. Physical Review D, 2008, 78, .	4.7	14
87	Two- and three-body contributions to cosmological monopole annihilation. Physical Review D, 1982, 26, 1306-1316.	4.7	13
88	Maximal acceleration is non-rotating. Classical and Quantum Gravity, 1998, 15, 1669-1719.	4.0	13
89	Matter annihilation in the late universe. Physical Review D, 1981, 24, 1458-1469.	4.7	12
90	Probability of Bianchi type-I inflation. Physical Review D, 1988, 38, 2392-2398.	4.7	12

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91	Universal area product for black holes: A heuristic argument. Physical Review D, 2015, 92, .	4.7	12
92	Eternity matters. Nature, 1981, 291, 44-45.	27.8	11
93	Typicality derived. Physical Review D, 2008, 78, .	4.7	11
94	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
95	Massless scalar field vacuum in de Sitter spacetime. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 051-051.	5.4	11
96	Qubit transport model for unitary black hole evaporation without firewalls. Physical Review D, 2018, 97, .	4.7	11
97	Thermodynamic paradoxes. Physics Today, 1977, 30, 11-83.	0.3	10
98	A periodic but nonstationary gravitational instanton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 100, 313-315.	4.1	10
99	How big is the universe today?. General Relativity and Gravitation, 1983, 15, 181-185.	2.0	10
100	No time asymmetry from quantum mechanics. Physical Review Letters, 1993, 70, 4034-4037.	7.8	10
101	Positive Mass from Holographic Causality. Physical Review Letters, 2002, 89, 121301.	7.8	10
102	Predictions and tests of multiverse theories. , 2007, , 411-430.		9
103	Symmetric-bounce quantum state of the universe. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 026-026.	5.4	9
104	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
105	Cosmological Ontology and Epistemology. , 0, , 317-329.		9
106	Measuring the Speed of Light with a Laser and Pockels Cell. American Journal of Physics, 1972, 40, 86-88.	0.7	8
107	Neutron star explosions?. Physics Letters, Section A: General, Atomic and Solid State Physics, 1982, 91, 201-202.	2.1	8
108	Gravitational capture and scattering of straight test strings with large impact parameters. Physical Review D, 1998, 58, .	4.7	8

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109	Low velocity gravitational capture by long cosmic strings. Physical Review D, 1999, 60, .	4.7	8
110	Defining entropy bounds. Journal of High Energy Physics, 2008, 2008, 007-007.	4.7	8
111	Agnesi weighting for the measure problem of cosmology. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 031-031.	5.4	7
112	Finite canonical measure for nonsingular cosmologies. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 038-038.	5.4	7
113	Hawking radiation energy and entropy from a Bianchi-Smerlak semiclassical black hole. Physical Review D, 2015, 92, .	4.7	7
114	Page Responds:. Physical Review Letters, 1982, 48, 523-523.	7.8	6
115	Phase transitions for gauge theories on tori from the AdS/CFT correspondence. Journal of High Energy Physics, 2008, 2008, 037-037.	4.7	6
116	No-bang quantum state of the cosmos. Classical and Quantum Gravity, 2008, 25, 154011.	4.0	6
117	Can inflation explain the second law of thermodynamics?. International Journal of Theoretical Physics, 1984, 23, 725-733.	1.2	5
118	No superluminal expansion of the universe. Classical and Quantum Gravity, 2009, 26, 127001.	4.0	5
119	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
120	Spacetime Average Density (SAD) cosmological measures. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 038-038.	5.4	5
121	HUGE QUANTUM GRAVITY EFFECTS IN THE SOLAR SYSTEM. International Journal of Modern Physics D, 2010, 19, 2271-2274.	2.1	4
122	COSMOLOGICAL MEASURES WITH VOLUME AVERAGING. International Journal of Modern Physics Conference Series, 2011, 01, 80-89.	0.7	4
123	A new way to derive the Taub-NUT metric with positive cosmological constant. Journal of Mathematical Physics, 2017, 58, 082501.	1.1	4
124	Black-Hole Thermodynamics, Mass-Inflation, and Evaporation. , 1992, , 185-224.		4
125	Page Responds:. Physical Review Letters, 1982, 48, 521-521.	7.8	3
126	Exact quantum-statistical dynamics of time-dependent generalized oscillators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 393-396.	4.1	3

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127	Black holes with less entropy thanA/4. Physical Review D, 2001, 65, .	4.7	2
128	Ab initio estimates of the size of the observable universe. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 037-037.	5.4	2
129	Photon boomerang in a nearly extreme Kerr metric. Classical and Quantum Gravity, 2022, 39, 135015.	4.0	2
130	Why is the universe so large?. International Journal of Theoretical Physics, 1986, 25, 545-552.	1.2	1
131	Vignettes: Ontogenetic Viewpoints. Science, 1992, 256, 864-864.	12.6	1
132	Stress tensors for instantaneous vacua in dimensions. Classical and Quantum Gravity, 1997, 14, 3041-3061.	4.0	1
133	HAWKING RADIATION AND BLACK HOLE THERMODYNAMICS. , 2008, , .		1
134	Quantum Mechanics as a Simple Generalization ofÂClassical Mechanics. Foundations of Physics, 2009, 39, 1197-1204.	1.3	1
135	DYADOSPHERES DON'T DEVELOP. , 2006, , .		1
136	The Bekenstein Bound. , 2019, , 159-171.		1
137	Astrophysics: Unravelling fates of black holes. Nature, 1986, 321, 111-111.	27.8	0
138	BOUNDARY CONDITIONS AND PREDICTIONS OF QUANTUM COSMOLOGY. , 2008, , .		0
139	NO ASTROPHYSICAL DYADOSPHERES. , 2008, , .		0
140	Statistical evidence against simple forms of wavefunction collapse. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 207-209.	4.1	0
141	Normalized Observational Probabilities from Unnormalizable Quantum States or Phase-Space Distributions. Foundations of Physics, 2018, 48, 827-836.	1.3	0
142	An Enthusiasm in Cosmology: Quantum Cosmology and Baby Universes . 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).. Science, 1992, 256, 864-865.	12.6	0
143	Thermal stress tensors in static Einstein Spaces. , 1993, , 264-274.		0