

William Unruh

List of Publications by Year in descending order

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32
papers

6,045
citations

471509

17
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

2291
citing authors

#	ARTICLE	IF	CITATIONS
1	Notes on black-hole evaporation. Physical Review D, 1976, 14, 870-892.	4.7	3,433
2	Experimental Black-Hole Evaporation?. Physical Review Letters, 1981, 46, 1351-1353.	7.8	1,265
3	Sonic analogue of black holes and the effects of high frequencies on black hole evaporation. Physical Review D, 1995, 51, 2827-2838.	4.7	531
4	Universality of the Hawking effect. Physical Review D, 2005, 71, .	4.7	139
5	Measurement of time of arrival in quantum mechanics. Physical Review A, 1998, 57, 4130-4139.	2.5	130
6	On slow light as a black hole analogue. Physical Review D, 2003, 68, .	4.7	89
7	Generalized superradiant scattering. Physical Review D, 2009, 80, .	4.7	63
8	Long-wavelength metric backreactions in slow-roll inflation. Physical Review D, 2005, 72, .	4.7	46
9	Cosmological Perturbation Theory in Slow-Roll Spacetimes. Physical Review Letters, 2008, 101, 111101.	7.8	44
10	Decoherence without dissipation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 4454-4459.	3.4	44
11	Large-scale nonlocality in "doubly special relativity" with an energy-dependent speed of light. JETP Letters, 2003, 78, 431-435.	1.4	38
12	Dumb holes: analogues for black holes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2008, 366, 2905-2913.	3.4	34
13	Hawking radiation from "phase horizons" in laser filaments?. Physical Review D, 2012, 86, .	4.7	33
14	Leading order gravitational backreactions in de Sitter spacetime. Physical Review D, 2006, 74, .	4.7	30
15	An introduction to the multi-grid method for numerical relativists. General Relativity and Gravitation, 1986, 18, 813-843.	2.0	26
16	Has Hawking Radiation Been Measured?. Foundations of Physics, 2014, 44, 532-545.	1.3	26
17	Time-of-arrival states. Physical Review A, 1999, 59, 1804-1808.	2.5	18
18	Parallax distance, time, and the twin "paradox". American Journal of Physics, 1981, 49, 589-592.	0.7	12

#	ARTICLE	IF	CITATIONS
19	Hawking radiation with dispersion versus breakdown of the WKB approximation. Physical Review D, 2013, 88, .	4.7	8
20	WHEN DOES A MEASUREMENT OR EVENT OCCUR?. Foundations of Physics Letters, 2000, 13, 107-118.	0.6	7
21	Varieties of Quantum Measurements. Annals of the New York Academy of Sciences, 1995, 755, 560-569.	3.8	6
22	Quantum Measurement. Annals of the New York Academy of Sciences, 1986, 480, 242-249.	3.8	4
23	Temporal ordering in quantum mechanics. Journal of Physics A, 2002, 35, 7641-7652.	1.6	4
24	Measurability of dumb hole radiation?. , 2002, , 109-125.		4
25	Locality and quantum mechanics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170320.	3.4	3
26	Turning quickly: A variational approach. American Journal of Physics, 1981, 49, 685-688.	0.7	2
27	Black Holes, Acceleration Temperature and Low Temperature Analog Experiments. Journal of Low Temperature Physics, 0, , 1.	1.4	2
28	Instability in automobile braking. American Journal of Physics, 1984, 52, 903-909.	0.7	1
29	Temperature of a decoherent oscillator with strong coupling. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 4460-4468.	3.4	1
30	On the Anandan-Stodolsky effect. General Relativity and Gravitation, 1986, 18, 367-373.	2.0	0
31	ASTRONOMY: Time, Space, and Us. Science, 2002, 295, 1649-1650.	12.6	0
32	SLOW LIGHT AS A BLACK HOLE ANALOGUE?. , 2006, , .		0