

# William Unruh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5933395/publications.pdf>

Version: 2024-02-01

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	Locality and quantum mechanics. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170320.	3.4	3
2	Has Hawking Radiation Been Measured?. Foundations of Physics, 2014, 44, 532-545.	1.3	26
3	Hawking radiation with dispersion versus breakdown of the WKB approximation. Physical Review D, 2013, 88, .	4.7	8
4	Decoherence without dissipation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 4454-4459.	3.4	44
5	Temperature of a decoherent oscillator with strong coupling. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 4460-4468.	3.4	1
6	Hawking radiation from "phase horizons" in laser filaments?. Physical Review D, 2012, 86, .	4.7	33
7	Generalized superradiant scattering. Physical Review D, 2009, 80, .	4.7	63
8	Cosmological Perturbation Theory in Slow-Roll Spacetimes. Physical Review Letters, 2008, 101, 111101.	7.8	44
9	Dumb holes: analogues for black holes. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2008, 366, 2905-2913.	3.4	34
10	Leading order gravitational backreactions in de Sitter spacetime. Physical Review D, 2006, 74, .	4.7	30
11	SLOW LIGHT AS A BLACK HOLE ANALOGUE?. , 2006, , .		0
12	Universality of the Hawking effect. Physical Review D, 2005, 71, .	4.7	139
13	Long-wavelength metric backreactions in slow-roll inflation. Physical Review D, 2005, 72, .	4.7	46
14	Large-scale nonlocality in "doubly special relativity" with an energy-dependent speed of light. JETP Letters, 2003, 78, 431-435.	1.4	38
15	On slow light as a black hole analogue. Physical Review D, 2003, 68, .	4.7	89
16	Temporal ordering in quantum mechanics. Journal of Physics A, 2002, 35, 7641-7652.	1.6	4
17	ASTRONOMY: Time, Space, and Us. Science, 2002, 295, 1649-1650.	12.6	0
18	Measurability of dumb hole radiation?. , 2002, , 109-125.		4

#	ARTICLE	IF	CITATIONS
19	WHEN DOES A MEASUREMENT OR EVENT OCCUR?. Foundations of Physics Letters, 2000, 13, 107-118.	0.6	7
20	Time-of-arrival states. Physical Review A, 1999, 59, 1804-1808.	2.5	18
21	Measurement of time of arrival in quantum mechanics. Physical Review A, 1998, 57, 4130-4139.	2.5	130
22	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
23	Varieties of Quantum Measurements. Annals of the New York Academy of Sciences, 1995, 755, 560-569.	3.8	6
24	Quantum Measurement. Annals of the New York Academy of Sciences, 1986, 480, 242-249.	3.8	4
25	An introduction to the multi-grid method for numerical relativists. General Relativity and Gravitation, 1986, 18, 813-843.	2.0	26
26	On the Anandan-Stodolsky effect. General Relativity and Gravitation, 1986, 18, 367-373.	2.0	0
27	Instability in automobile braking. American Journal of Physics, 1984, 52, 903-909.	0.7	1
28	Experimental Black-Hole Evaporation?. Physical Review Letters, 1981, 46, 1351-1353.	7.8	1,265
29	Turning quickly: A variational approach. American Journal of Physics, 1981, 49, 685-688.	0.7	2
30	Parallax distance, time, and the twin "paradox". American Journal of Physics, 1981, 49, 589-592.	0.7	12
31	Notes on black-hole evaporation. Physical Review D, 1976, 14, 870-892.	4.7	3,433
32	Black Holes, Acceleration Temperature and Low Temperature Analog Experiments. Journal of Low Temperature Physics, 0, , 1.	1.4	2