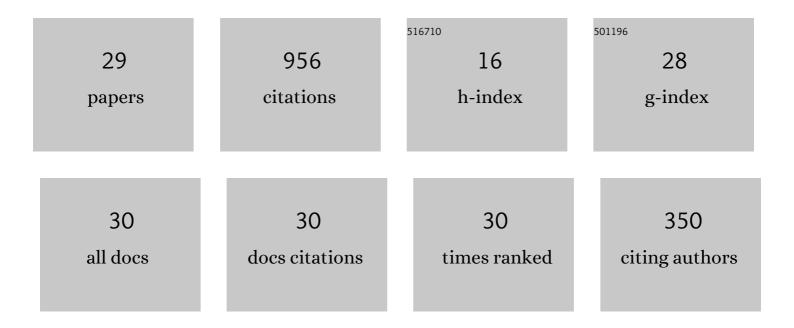
## Jeffrey Winicour

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	High-powered gravitational news. Physical Review D, 1997, 56, 6298-6309.	4.7	128
2	Linkages in general relativity. Journal of Mathematical Physics, 1981, 22, 803-812.	1.1	104
3	Bondi-Sachs Formalism. Scholarpedia Journal, 2016, 11, 33528.	0.3	92
4	Well-posed initial-boundary evolution in general relativity. Physical Review D, 2003, 68, .	4.7	84
5	Grazing Collisions of Black Holes via the Excision of Singularities. Physical Review Letters, 2000, 85, 5496-5499.	7.8	73
6	Incorporation of matter into characteristic numerical relativity. Physical Review D, 1999, 60, .	4.7	56
7	Mode coupling in the nonlinear response of black holes. Physical Review D, 2003, 68, .	4.7	55
8	Harmonic initial-boundary evolution in general relativity. Physical Review D, 2006, 73, .	4.7	50
9	Cauchy-Characteristic Matching: A New Approach to Radiation Boundary Conditions. Physical Review Letters, 1996, 76, 4303-4306.	7.8	45
10	Cauchy boundaries in linearized gravitational theory. Physical Review D, 2000, 62, .	4.7	35
11	Black hole data via a Kerr-Schild approach. Physical Review D, 1998, 57, 6113-6118.	4.7	28
12	Numerical relativistic model of a massive particle in orbit near a Schwarzschild black hole. Physical Review D, 2003, 68, .	4.7	25
13	Constraint-preserving Sommerfeld conditions for the harmonic Einstein equations. Physical Review D, 2007, 75, .	4.7	23
14	The sky pattern of the linearized gravitational memory effect. Classical and Quantum Gravity, 2016, 33, 175006.	4.0	23
15	Characteristic Evolution and Matching. Living Reviews in Relativity, 1998, 1, 5.	26.7	22
16	Exact solutions for the intrinsic geometry of black hole coalescence. Physical Review D, 1999, 60, .	4.7	21
17	Characteristic initial data for a star orbiting a black hole. Physical Review D, 2005, 72, .	4.7	16
18	Black hole initial data without elliptic equations. Physical Review D, 2015, 91, .	4.7	13

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#	Article	IF	CITATIONS
19	Radiation memory, boosted Schwarzschild spacetimes and supertranslations. Classical and Quantum Gravity, 2017, 34, 115009.	4.0	10
20	Geometrization of metric boundary data for Einstein's equations. General Relativity and Gravitation, 2009, 41, 1909-1926.	2.0	9
21	Kerr black holes and nonlinear radiation memory. Classical and Quantum Gravity, 2019, 36, 095009.	4.0	8
22	Killing inequalities for relativistically rotating fluids. II. Journal of Mathematical Physics, 1977, 18, 1206-1209.	1.1	7
23	Worldtube conservation laws for the null-timelike evolution problem. General Relativity and Gravitation, 2011, 43, 3269-3288.	2.0	7
24	Boosted Schwarzschild metrics from a Kerr–Schild perspective. Classical and Quantum Gravity, 2018, 35, 035009.	4.0	6
25	Toward computing gravitational initial data without elliptic solvers. Classical and Quantum Gravity, 2018, 35, 135002.	4.0	5
26	An initial value gravitational quadrupole radiation theorem. Journal of Mathematical Physics, 1987, 28, 668-676.	1.1	4
27	The algebraic-hyperbolic approach to the linearized gravitational constraints on a Minkowski background. Classical and Quantum Gravity, 2017, 34, 157001.	4.0	4
28	Prescriptions for gravitational initial data as judged by a simple radiating model. General Relativity and Gravitation, 1990, 22, 81-95.	2.0	2
29	The characteristics of colliding black holes. , 1999, , .		1