Jeffrey Winicour

List of Publications by Year
in descending order

29	956	516710	501196
papers	citations	16	28
		h-index	g-index

30	30	30	350
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Kerr black holes and nonlinear radiation memory. Classical and Quantum Gravity, 2019, 36, 095009.	4.0	8
2	Boosted Schwarzschild metrics from a Kerr–Schild perspective. Classical and Quantum Gravity, 2018, 35, 035009.	4.0	6
3	Toward computing gravitational initial data without elliptic solvers. Classical and Quantum Gravity, 2018, 35, 135002.	4.0	5
4	Radiation memory, boosted Schwarzschild spacetimes and supertranslations. Classical and Quantum Gravity, 2017, 34, 115009.	4.0	10
5	The algebraic-hyperbolic approach to the linearized gravitational constraints on a Minkowski background. Classical and Quantum Gravity, 2017, 34, 157001.	4.0	4
6	The sky pattern of the linearized gravitational memory effect. Classical and Quantum Gravity, 2016, 33, 175006.	4.0	23
7	Bondi-Sachs Formalism. Scholarpedia Journal, 2016, 11, 33528.	0.3	92
8	Black hole initial data without elliptic equations. Physical Review D, 2015, 91, .	4.7	13
9	Worldtube conservation laws for the null-timelike evolution problem. General Relativity and Gravitation, 2011, 43, 3269-3288.	2.0	7
10	Geometrization of metric boundary data for Einstein's equations. General Relativity and Gravitation, 2009, 41, 1909-1926.	2.0	9
11	Constraint-preserving Sommerfeld conditions for the harmonic Einstein equations. Physical Review D, 2007, 75, .	4.7	23
12	Harmonic initial-boundary evolution in general relativity. Physical Review D, 2006, 73, .	4.7	50
13	Characteristic initial data for a star orbiting a black hole. Physical Review D, 2005, 72, .	4.7	16
14	Well-posed initial-boundary evolution in general relativity. Physical Review D, 2003, 68, .	4.7	84
15	Numerical relativistic model of a massive particle in orbit near a Schwarzschild black hole. Physical Review D, 2003, 68, .	4.7	25
16	Mode coupling in the nonlinear response of black holes. Physical Review D, 2003, 68, .	4.7	55
17	Grazing Collisions of Black Holes via the Excision of Singularities. Physical Review Letters, 2000, 85, 5496-5499.	7.8	73
18	Cauchy boundaries in linearized gravitational theory. Physical Review D, 2000, 62, .	4.7	35

#	ARTICLE	IF	CITATIONS
19	The characteristics of colliding black holes. , 1999, , .		1
20	Incorporation of matter into characteristic numerical relativity. Physical Review D, 1999, 60, .	4.7	56
21	Exact solutions for the intrinsic geometry of black hole coalescence. Physical Review D, 1999, 60, .	4.7	21
22	Black hole data via a Kerr-Schild approach. Physical Review D, 1998, 57, 6113-6118.	4.7	28
23	Characteristic Evolution and Matching. Living Reviews in Relativity, 1998, 1, 5.	26.7	22
24	High-powered gravitational news. Physical Review D, 1997, 56, 6298-6309.	4.7	128
25	Cauchy-Characteristic Matching: A New Approach to Radiation Boundary Conditions. Physical Review Letters, 1996, 76, 4303-4306.	7.8	45
26	Prescriptions for gravitational initial data as judged by a simple radiating model. General Relativity and Gravitation, 1990, 22, 81-95.	2.0	2
27	An initial value gravitational quadrupole radiation theorem. Journal of Mathematical Physics, 1987, 28, 668-676.	1.1	4
28	Linkages in general relativity. Journal of Mathematical Physics, 1981, 22, 803-812.	1.1	104
29	Killing inequalities for relativistically rotating fluids. II. Journal of Mathematical Physics, 1977, 18, 1206-1209.	1.1	7