

# Gregory B Cook

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4500215/publications.pdf>

Version: 2024-02-01

25  
papers

2,813  
citations

361413

20  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapidly rotating neutron stars in general relativity: Realistic equations of state. <i>Astrophysical Journal</i> , 1994, 424, 823.	4.5	506
2	Inspiral, merger, and ring-down of equal-mass black-hole binaries. <i>Physical Review D</i> , 2007, 75, .	4.7	338
3	High-accuracy comparison of numerical relativity simulations with post-Newtonian expansions. <i>Physical Review D</i> , 2007, 76, .	4.7	305
4	Spin-up of a rapidly rotating star by angular momentum loss - Effects of general relativity. <i>Astrophysical Journal</i> , 1992, 398, 203.	4.5	219
5	Initial Data for Numerical Relativity. <i>Living Reviews in Relativity</i> , 2000, 3, 5.	26.7	216
6	Rapidly rotating polytropes in general relativity. <i>Astrophysical Journal</i> , 1994, 422, 227.	4.5	193
7	Excision boundary conditions for black-hole initial data. <i>Physical Review D</i> , 2004, 70, .	4.7	145
8	Three-dimensional initial data for the collision of two black holes. II. Quasicircular orbits for equal-mass black holes. <i>Physical Review D</i> , 1994, 50, 5025-5032.	4.7	122
9	Circular orbits and spin in black-hole initial data. <i>Physical Review D</i> , 2006, 74, .	4.7	107
10	Corotating and irrotational binary black holes in quasicircular orbits. <i>Physical Review D</i> , 2002, 65, .	4.7	92
11	Testing a simplified version of Einstein's equations for numerical relativity. <i>Physical Review D</i> , 1996, 53, 5533-5540.	4.7	71
12	Approximate Killing vectors on $S^2$ . <i>Physical Review D</i> , 2007, 76, .	4.7	64
13	Quasicircular orbits for spinning binary black holes. <i>Physical Review D</i> , 2000, 62, .	4.7	60
14	Gravitational perturbations of the Kerr geometry: High-accuracy study. <i>Physical Review D</i> , 2014, 90, .	4.7	59
15	Comparing initial-data sets for binary black holes. <i>Physical Review D</i> , 2002, 66, .	4.7	58
16	Three-dimensional initial data for the collision of two black holes. <i>Physical Review D</i> , 1993, 47, 1471-1490.	4.7	54
17	Initial data for axisymmetric black-hole collisions. <i>Physical Review D</i> , 1991, 44, 2983-3000.	4.7	49
18	Well-behaved harmonic time slices of a charged, rotating, boosted black hole. <i>Physical Review D</i> , 1997, 56, 4775-4781.	4.7	46

#	ARTICLE	IF	CITATIONS
19	Aspects of multimode Kerr ringdown fitting. <i>Physical Review D</i> , 2020, 102, .	4.7	31
20	Horizon structure of initial-data sets for axisymmetric two-black-hole collisions. <i>Physical Review D</i> , 1992, 46, 702-713.	4.7	22
21	Study of the preheating phase of chaotic inflation. <i>Physical Review D</i> , 2008, 78, .	4.7	18
22	Purely imaginary quasinormal modes of the Kerr geometry. <i>Classical and Quantum Gravity</i> , 2016, 33, 245008.	4.0	16
23	Modes of the Kerr geometry with purely imaginary frequencies. <i>Physical Review D</i> , 2016, 94, .	4.7	12
24	Measuring eccentricity in binary black-hole initial data. <i>Physical Review D</i> , 2008, 77, .	4.7	7
25	Unknown branch of the total-transmission modes for the Kerr geometry. <i>Physical Review D</i> , 2019, 99, .	4.7	3