

Bernard Kelly

List of Publications by Year in descending order

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32
papers

2,319
citations

257450

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h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

1904
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromagnetic emission from a binary black hole merger remnant in plasma: Field alignment and plasma temperature. <i>Physical Review D</i> , 2021, 103, .	4.7	7
2	HARM3D+NUC: A New Method for Simulating the Post-merger Phase of Binary Neutron Star Mergers with GRMHD, Tabulated EOS, and Neutrino Leakage. <i>Astrophysical Journal</i> , 2021, 919, 95.	4.5	17
3	The Event Horizon General Relativistic Magnetohydrodynamic Code Comparison Project. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 26.	7.7	175
4	Prompt electromagnetic transients from binary black hole mergers. <i>Physical Review D</i> , 2017, 96, .	4.7	34
5	Decoding mode mixing in black-hole merger ringdown. <i>Physical Review D</i> , 2013, 87, .	4.7	40
6	Systematic biases in parameter estimation of binary black-hole mergers. <i>Physical Review D</i> , 2013, 87, .	4.7	54
7	Mergers of black-hole binaries with aligned spins: Waveform characteristics. <i>Physical Review D</i> , 2011, 84, .	4.7	25
8	Merging black holes. <i>Contemporary Physics</i> , 2011, 52, 1-14.	1.8	0
9	Hybrid black-hole binary initial data. <i>Classical and Quantum Gravity</i> , 2011, 28, 134003.	4.0	14
10	TEST OF A GENERAL FORMULA FOR BLACK HOLE GRAVITATIONAL WAVE KICKS. <i>Astrophysical Journal</i> , 2010, 719, 1427-1432.	4.5	42
11	MODELING FLOWS AROUND MERGING BLACK HOLE BINARIES. <i>Astrophysical Journal Letters</i> , 2010, 711, L89-L93.	8.3	23
12	Impact of mergers on LISA parameter estimation for nonspinning black hole binaries. <i>Physical Review D</i> , 2010, 81, .	4.7	27
13	Observing mergers of nonspinning black-hole binaries. <i>Physical Review D</i> , 2010, 82, .	4.7	47
14	Black-hole binaries, gravitational waves, and numerical relativity. <i>Reviews of Modern Physics</i> , 2010, 82, 3069-3119.	45.6	175
15	The Final Merger of Black-Hole Binaries. <i>Annual Review of Nuclear and Particle Science</i> , 2010, 60, 75-100.	10.2	18
16	Samurai project: Verifying the consistency of black-hole-binary waveforms for gravitational-wave detection. <i>Physical Review D</i> , 2009, 79, .	4.7	67
17	Testing gravitational-wave searches with numerical relativity waveforms: results from the first Numerical INjection Analysis (NINJA) project. <i>Classical and Quantum Gravity</i> , 2009, 26, 165008.	4.0	110
18	Status of NINJA: the Numerical INjection Analysis project. <i>Classical and Quantum Gravity</i> , 2009, 26, 114008.	4.0	39

#	ARTICLE	IF	CITATIONS
19	Data-analysis driven comparison of analytic and numerical coalescing binary waveforms: Nonspinning case. <i>Physical Review D</i> , 2008, 77, .	4.7	120
20	Mergers of nonspinning black-hole binaries: Gravitational radiation characteristics. <i>Physical Review D</i> , 2008, 78, .	4.7	95
21	Anatomy of the binary black hole recoil: A multipolar analysis. <i>Physical Review D</i> , 2008, 77, .	4.7	100
22	Modeling Kicks from the Merger of Generic Black Hole Binaries. <i>Astrophysical Journal</i> , 2008, 682, L29-L32.	4.5	156
23	Approaching faithful templates for nonspinning binary black holes using the effective-one-body approach. <i>Physical Review D</i> , 2007, 76, .	4.7	231
24	Consistency of Post-Newtonian Waveforms with Numerical Relativity. <i>Physical Review Letters</i> , 2007, 99, 181101.	7.8	114
25	Recoiling from a kick in the head-on collision of spinning black holes. <i>Physical Review D</i> , 2007, 76, .	4.7	34
26	Binary black hole late inspiral: Simulations for gravitational wave observations. <i>Physical Review D</i> , 2007, 75, .	4.7	83
27	Modeling Kicks from the Merger of Nonprecessing Black Hole Binaries. <i>Astrophysical Journal</i> , 2007, 668, 1140-1144.	4.5	99
28	The Lazarus project. II. Spacelike extraction with the quasi-Kinnersley tetrad. <i>Physical Review D</i> , 2006, 73, .	4.7	45
29	Black hole head-on collisions and gravitational waves with fixed mesh-refinement and dynamic singularity excision. <i>Physical Review D</i> , 2005, 71, .	4.7	46
30	Impact of densitized lapse slicings on evolutions of a wobbling black hole. <i>Physical Review D</i> , 2004, 69, .	4.7	23
31	Black-hole spectroscopy: testing general relativity through gravitational-wave observations. <i>Classical and Quantum Gravity</i> , 2004, 21, 787-803.	4.0	237
32	Cure for unstable numerical evolutions of single black holes: Adjusting the standard ADM equations in the spherically symmetric case. <i>Physical Review D</i> , 2001, 64, .	4.7	22