Curt Cutler

List of Publications by Year
in descending order

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53 papers	7,282 citations	109321 35 h-index	182427 51 g-index
53 all docs	53 docs citations	53 times ranked	3104 citing authors

#	Article	IF	Citations
1	Sensitivity limits of space-based interferometric gravitational wave observatories from the solar wind. Physical Review D, 2021, 104, .	4.7	2
2	Detectability of intermediate-mass black holes in multiband gravitational wave astronomy. Nature Astronomy, 2020, 4, 260-265.	10.1	52
3	Expanding the LISA Horizon from the Ground. Physical Review Letters, 2018, 121, 251102.	7.8	33
4	Model waveform accuracy requirements for the Allen<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï‡</mml:mi><mml:mn>2</mml:mn></mml:msup></mml:math>discriminator. Physical Review D, 2016, 94, .	4.7	3
5	Counting and confusion: Bayesian rate estimation with multiple populations. Physical Review D, 2015, 91, .	4.7	72
6	The gravitational-wave discovery space of pulsar timing arrays. Physical Review D, 2014, 89, .	4.7	17
7	Outlook for detection of GW inspirals by GRB-triggered searches in the advanced detector era. Physical Review D, 2013, 87, .	4.7	14
8	An improved, â€œphase-relaxedâ€<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="script">F</mml:mi></mml:math>-statistic for gravitational-wave data analysis. Physical Review D, 2012, 86, .	4.7	4
9	Searches for cosmic-string gravitational-wave bursts in Mock LISA Data. Classical and Quantum Gravity, 2010, 27, 185012.	4.0	12
10	The Mock LISA Data Challenges: from challenge 3 to challenge 4. Classical and Quantum Gravity, 2010, 27, 084009.	4.0	83
11	Reducing the weak lensing noise for the gravitational wave Hubble diagram using the non-Gaussianity of the magnification distribution. Physical Review D, 2010, 81, .	4.7	89
12	Massive black-hole binary inspirals: results from the LISA parameter estimation taskforce. Classical and Quantum Gravity, 2009, 26, 094027.	4.0	93
13	Ultrahigh precision cosmology from gravitational waves. Physical Review D, 2009, 80, .	4.7	179
14	The Mock LISA Data Challenges: from Challenge 1B to Challenge 3. Classical and Quantum Gravity, 2008, 25, 184026.	4.0	64
15	Report on the second Mock LISA data challenge. Classical and Quantum Gravity, 2008, 25, 114037.	4.0	44
16	A three-stage search for supermassive black-hole binaries in LISA data. Classical and Quantum Gravity, 2007, 24, S595-S605.	4.0	25
17	LISA detections of massive black hole inspirals: Parameter extraction errors due to inaccurate template waveforms. Physical Review D, 2007, 76, .	4.7	128
18	Gaussianity of LISAâ€™s confusion backgrounds. Physical Review D, 2007, 76, .	4.7	12

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19	Using LISA extreme-mass-ratio inspiral sources to test off-Kerr deviations in the geometry of massive black holes. Physical Review D, 2007, 75, .	4.7	198
20	An Overview of the Mock LISA Data Challenges. AIP Conference Proceedings, 2006, , .	0.4	31
21	Big Bang Observer and the neutron-star-binary subtraction problem. Physical Review D, 2006, 73, .	4.7	154
22	Improved stack-slide searches for gravitational-wave pulsars. Physical Review D, 2005, 72, .	4.7	66
23	GeneralizedF-statistic: Multiple detectors and multiple gravitational wave pulsars. Physical Review D, 2005, 72, .	4.7	128
24	Event rate estimates for LISA extreme mass ratio capture sources. Classical and Quantum Gravity, 2004, 21, S1595-S1606.	4.0	184
25	LISA capture sources: Approximate waveforms, signal-to-noise ratios, and parameter estimation accuracy. Physical Review D, 2004, 69, .	4.7	423
26	Confusion noise from LISA capture sources. Physical Review D, 2004, 70, .	4.7	115
27	LISA, binary stars, and the mass of the graviton. Physical Review D, 2003, 67, .	4.7	39
28	The Crustal Rigidity of a Neutron Star and Implications for PSR B1828â”11 and Other Precession Candidates. Astrophysical Journal, 2003, 588, 975-991.	4.5	49
29	Gravitational waves from neutron stars with large toroidalBfields. Physical Review D, 2002, 66, .	4.7	286
30	AN OVERVIEW OF GRAVITATIONAL-WAVE SOURCES. , 2002, , .		57
31	Deformations of accreting neutron star crusts and gravitational wave emission. Monthly Notices of the Royal Astronomical Society, 2002, 319, 902-932.	4.4	267
32	Gravitational waves from low-mass X-ray binaries: A status report. AIP Conference Proceedings, 2000, , .	0.4	3
33	Gravitational wave damping of neutron star wobble. Physical Review D, 2000, 63, .	4.7	61
34	Choptuik scaling in six dimensions. Physical Review D, 1999, 60, .	4.7	19
35	Gravitational waves from hot young rapidly rotating neutron stars. Physical Review D, 1998, 58, .	4.7	367
36	Searching for periodic sources with LIGO. Physical Review D, 1998, 57, 2101-2116.	4.7	196

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37	Angular resolution of the LISA gravitational wave detector. Physical Review D, 1998, 57, 7089-7102.	4.7	422
38	LISA: Parameter estimation for massive black hole binaries. , 1998, , .		2
39	Gravitational helioseismology?. Physical Review D, 1996, 54, 1287-1290.	4.7	17
40	Ocean g-Modes on Rotating Neutron Stars. Astrophysical Journal, 1996, 460, 827.	4.5	118
41	Nonradial Oscillations in Neutron Star Oceans: A Source of Quasi-periodic X-Ray Oscillations?. Astrophysical Journal, 1995, 449, 800.	4.5	55
42	Gravitational waves from merging compact binaries: How accurately can one extract the binaryâ€™s parameters from the inspiral waveform?. Physical Review D, 1994, 49, 2658-2697.	4.7	1,153
43	Gravitational radiation reaction for bound motion around a Schwarzschild black hole. Physical Review D, 1994, 50, 3816-3835.	4.7	192
44	Spin-induced orbital precession and its modulation of the gravitational waveforms from merging binaries. Physical Review D, 1994, 49, 6274-6297.	4.7	500
45	Gravitational radiation from a particle in circular orbit around a black hole. II. Numerical results for the nonrotating case. Physical Review D, 1993, 47, 1511-1518.	4.7	129
46	The last three minutes: Issues in gravitational-wave measurements of coalescing compact binaries. Physical Review Letters, 1993, 70, 2984-2987.	7.8	431
47	Global structure of Gott's two-string spacetime. Physical Review D, 1992, 45, 487-494.	4.7	35
48	Post-Newtonian frequencies for the pulsations of rapidly rotating neutron stars. Astrophysical Journal, 1992, 385, 630.	4.5	32
49	Tidal interactions of inspiraling compact binaries. Astrophysical Journal, 1992, 400, 175.	4.5	354
50	Post-Newtonian Effects on the Oscillations of Rotating Stars. Annals of the New York Academy of Sciences, 1991, 631, 97-109.	3.8	1
51	Post-Newtonian effects on the modes of rotating stars. Astrophysical Journal, 1991, 374, 248.	4.5	18
52	Damping times for neutron star oscillations. Astrophysical Journal, 1990, 363, 603.	4.5	65
53	The effect of viscosity on neutron star oscillations. Astrophysical Journal, 1987, 314, 234.	4.5	189