

# Jonathan Blackman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5799974/publications.pdf>

Version: 2024-02-01

14  
papers

1,166  
citations

687363

13  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1057  
citing authors

#	ARTICLE	IF	CITATIONS
1	The SXS collaboration catalog of binary black hole simulations. <i>Classical and Quantum Gravity</i> , 2019, 36, 195006.	4.0	217
2	Surrogate model of hybridized numerical relativity binary black hole waveforms. <i>Physical Review D</i> , 2019, 99, .	4.7	153
3	Numerical relativity waveform surrogate model for generically precessing binary black hole mergers. <i>Physical Review D</i> , 2017, 96, .	4.7	134
4	Detecting Gravitational-Wave Memory with LIGO: Implications of GW150914. <i>Physical Review Letters</i> , 2016, 117, 061102.	7.8	126
5	Fast and Accurate Prediction of Numerical Relativity Waveforms from Binary Black Hole Coalescences Using Surrogate Models. <i>Physical Review Letters</i> , 2015, 115, 121102.	7.8	124
6	A Surrogate model of gravitational waveforms from numerical relativity simulations of precessing binary black hole mergers. <i>Physical Review D</i> , 2017, 95, .	4.7	96
7	On the properties of the massive binary black hole merger GW170729. <i>Physical Review D</i> , 2019, 100, .	4.7	82
8	Black Hole Spectroscopy with Coherent Mode Stacking. <i>Physical Review Letters</i> , 2017, 118, 161101.	7.8	81
9	Approaching the Post-Newtonian Regime with Numerical Relativity: A Compact-Object Binary Simulation Spanning 350 Gravitational-Wave Cycles. <i>Physical Review Letters</i> , 2015, 115, 031102.	7.8	68
10	Constraining the parameters of GW150914 and GW170104 with numerical relativity surrogates. <i>Physical Review D</i> , 2019, 99, .	4.7	32
11	Gravitational Waves from Binary Black Hole Mergers inside Stars. <i>Physical Review Letters</i> , 2017, 119, 171103.	7.8	19
12	Sparse Representations of Gravitational Waves from Precessing Compact Binaries. <i>Physical Review Letters</i> , 2014, 113, 021101.	7.8	15
13	An architecture for efficient gravitational wave parameter estimation with multimodal linear surrogate models. <i>Classical and Quantum Gravity</i> , 2017, 34, 144002.	4.0	13
14	Acceleration-induced deconfinement transitions in de Sitter spacetime. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	6