

James R Van Meter

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,966
citations

430874

18
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Approaching faithful templates for nonspinning binary black holes using the effective-one-body approach. <i>Physical Review D</i> , 2007, 76, .	4.7	231
2	Getting a Kick Out of Numerical Relativity. <i>Astrophysical Journal</i> , 2006, 653, L93-L96.	4.5	202
3	How to move a black hole without excision: Gauge conditions for the numerical evolution of a moving puncture. <i>Physical Review D</i> , 2006, 73, .	4.7	183
4	Black-hole binaries, gravitational waves, and numerical relativity. <i>Reviews of Modern Physics</i> , 2010, 82, 3069-3119.	45.6	175
5	Modeling Kicks from the Merger of Generic Black Hole Binaries. <i>Astrophysical Journal</i> , 2008, 682, L29-L32.	4.5	156
6	Data-analysis driven comparison of analytic and numerical coalescing binary waveforms: Nonspinning case. <i>Physical Review D</i> , 2008, 77, .	4.7	120
7	Consistency of Post-Newtonian Waveforms with Numerical Relativity. <i>Physical Review Letters</i> , 2007, 99, 181101.	7.8	114
8	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
9	Anatomy of the binary black hole recoil: A multipolar analysis. <i>Physical Review D</i> , 2008, 77, .	4.7	100
10	Modeling Kicks from the Merger of Nonprecessing Black Hole Binaries. <i>Astrophysical Journal</i> , 2007, 668, 1140-1144.	4.5	99
11	Mergers of nonspinning black-hole binaries: Gravitational radiation characteristics. <i>Physical Review D</i> , 2008, 78, .	4.7	95
12	Binary black hole late inspiral: Simulations for gravitational wave observations. <i>Physical Review D</i> , 2007, 75, .	4.7	83
13	Samurai project: Verifying the consistency of black-hole-binary waveforms for gravitational-wave detection. <i>Physical Review D</i> , 2009, 79, .	4.7	67
14	Evolving a puncture black hole with fixed mesh refinement. <i>Physical Review D</i> , 2004, 70, .	4.7	46
15	Wave zone extraction of gravitational radiation in three-dimensional numerical relativity. <i>Physical Review D</i> , 2005, 71, .	4.7	42
16	TEST OF A GENERAL FORMULA FOR BLACK HOLE GRAVITATIONAL WAVE KICKS. <i>Astrophysical Journal</i> , 2010, 719, 1427-1432.	4.5	42
17	Status of NINJA: the Numerical INjection Analysis project. <i>Classical and Quantum Gravity</i> , 2009, 26, 114008.	4.0	39
18	MODELING FLOWS AROUND MERGING BLACK HOLE BINARIES. <i>Astrophysical Journal Letters</i> , 2010, 711, L89-L93.	8.3	23

#	ARTICLE	IF	CITATIONS
19	The Final Merger of Black-Hole Binaries. Annual Review of Nuclear and Particle Science, 2010, 60, 75-100.	10.2	18
20	Reducing reflections from mesh refinement interfaces in numerical relativity. Physical Review D, 2005, 72, .	4.7	11
21	Excising das All: Evolving Maxwell waves beyond scri. Physical Review D, 2006, 74, .	4.7	10
22	Numerical Relativity beyond \mathcal{I}^+ , 2006, , .		0