

Philippe Grandclément

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

903
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasiequilibrium sequences of synchronized and irrotational binary neutron stars in general relativity: Method and tests. <i>Physical Review D</i> , 2001, 63, .	4.7	236
2	Binary black holes in circular orbits. II. Numerical methods and first results. <i>Physical Review D</i> , 2002, 65, .	4.7	141
3	Spectral Methods for Numerical Relativity. <i>Living Reviews in Relativity</i> , 2009, 12, 1.	26.7	133
4	Binary black holes in circular orbits. I. A global spacetime approach. <i>Physical Review D</i> , 2002, 65, .	4.7	128
5	Accurate and realistic initial data for black hole–neutron star binaries. <i>Physical Review D</i> , 2006, 74, .	4.7	69
6	KADATH: A spectral solver for theoretical physics. <i>Journal of Computational Physics</i> , 2010, 229, 3334-3357.	3.8	54
7	Gravitational geons in asymptotically anti-de Sitter spacetimes. <i>Classical and Quantum Gravity</i> , 2017, 34, 125012.	4.0	25
8	Hairy rotating black holes in cubic Galileon theory. <i>Classical and Quantum Gravity</i> , 2020, 37, 035007.	4.0	25
9	New public code for initial data of unequal-mass, spinning compact-object binaries. <i>Physical Review D</i> , 2021, 104, .	4.7	24
10	Self-gravitating scalar breathers with a negative cosmological constant. <i>Physical Review D</i> , 2015, 92, .	4.7	19
11	New code for equilibriums and quasiequilibrium initial data of compact objects. II. Convergence tests and comparisons of binary black hole initial data. <i>Physical Review D</i> , 2012, 86, .	4.7	18
12	Scalar field breathers on anti-de Sitter background. <i>Physical Review D</i> , 2014, 89, .	4.7	14
13	Horizon surface gravity in corotating black hole binaries. <i>Classical and Quantum Gravity</i> , 2018, 35, 144002.	4.0	13
14	Boundary conditions for stationary black holes: Application to Kerr, Martínez-Troncoso-Zanelli, and hairy black holes. <i>Physical Review D</i> , 2022, 105, .	4.7	4