# Philippe Grandclément

## List of Publications by Year
## in descending order

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