

# Geoffrey Compère

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

2,290  
citations

304743

22  
h-index

345221

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1438  
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of radial Kerr geodesic motion. <i>Physical Review D</i> , 2022, 105, .	4.7	9
2	Self-Consistent Adiabatic Inspiral and Transition Motion. <i>Physical Review Letters</i> , 2021, 126, 241106.	7.8	7
3	Probing the nature of black holes: Deep in the mHz gravitational-wave sky. <i>Experimental Astronomy</i> , 2021, 51, 1385-1416.	3.7	29
4	The $\hat{\mathfrak{bms}}_4$ charge algebra. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	81
5	Transition from inspiral to plunge into a highly spinning black hole. <i>Classical and Quantum Gravity</i> , 2020, 37, 095013.	4.0	9
6	Near-horizon geodesics of high spin black holes. <i>Physical Review D</i> , 2020, 101, .	4.7	14
7	Scalar self-force for high spin black holes. <i>Physical Review D</i> , 2020, 101, .	4.7	1
8	The $\hat{\mathfrak{bms}}_4$ group of $dS_4$ and new boundary conditions for $AdS_4$ . <i>Classical and Quantum Gravity</i> , 2019, 36, 195017.	4.0	76
9	Advanced Lectures on General Relativity. <i>Lecture Notes in Physics</i> , 2019, , .	0.7	44
10	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	4.0	451
11	Asymptotically Flat Spacetimes. <i>Lecture Notes in Physics</i> , 2019, , 81-102.	0.7	1
12	Are quantum corrections on horizon scale physically motivated?. <i>International Journal of Modern Physics D</i> , 2019, 28, 1930019.	2.1	6
13	Spin and quadrupole couplings for high spin equatorial intermediate mass-ratio coalescences. <i>Classical and Quantum Gravity</i> , 2019, 36, 245011.	4.0	11
14	Rotating Black Holes. <i>Lecture Notes in Physics</i> , 2019, , 103-140.	0.7	0
15	Gravitational waves from plunges into Gargantua. <i>Classical and Quantum Gravity</i> , 2018, 35, 104002.	4.0	24
16	Superboost transitions, refraction memory and super-Lorentz charge algebra. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	128
17	Gravitational multipole moments from Noether charges. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	29
18	The Kerr/CFT correspondence and its extensions. <i>Living Reviews in Relativity</i> , 2017, 20, 1.	26.7	30

#	ARTICLE	IF	CITATIONS
19	Asymptotically flat spacetimes with BMS 3 symmetry. <i>Classical and Quantum Gravity</i> , 2017, 34, 204002.	4.0	22
20	Self-similar accretion in thin discs around near-extremal black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4351-4361.	4.4	22
21	Vacua of the gravitational field. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	79
22	Classical static final state of collapse with supertranslation memory. <i>Classical and Quantum Gravity</i> , 2016, 33, 195001.	4.0	55
23	Bulk supertranslation memories: A concept reshaping the vacua and black holes of general relativity. <i>International Journal of Modern Physics D</i> , 2016, 25, 1644006.	2.1	15
24	Liouville theory beyond the cosmological horizon. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	34
25	Chiral Liouville gravity. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	31
26	New boundary conditions for AdS3. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	110
27	The Kerr/CFT Correspondence and its Extensions. <i>Living Reviews in Relativity</i> , 2012, 15, 11.	26.7	155
28	Relaxing the parity conditions of asymptotically flat gravity. <i>Classical and Quantum Gravity</i> , 2011, 28, 245016.	4.0	39
29	On asymptotic flatness and Lorentz charges. <i>Classical and Quantum Gravity</i> , 2011, 28, 145007.	4.0	19
30	$G_{2,2}$ dualities in $D = 5$ supergravity and black strings. <i>Classical and Quantum Gravity</i> , 2009, 26, 125016.	4.0	32
31	Setting the boundary free in AdS/CFT. <i>Classical and Quantum Gravity</i> , 2008, 25, 195014.	4.0	178
32	Surface charge algebra in gauge theories and thermodynamic integrability. <i>Journal of Mathematical Physics</i> , 2008, 49, .	1.1	220
33	Classical central extension for asymptotic symmetries at null infinity in three spacetime dimensions. <i>Classical and Quantum Gravity</i> , 2007, 24, F15-F23.	4.0	260
34	Three-dimensional imperfections in a model vertical Bridgman growth system for cadmium zinc telluride. <i>Journal of Crystal Growth</i> , 2004, 263, 629-644.	1.5	40
35	Celestial holography: Lectures on asymptotic symmetries. <i>SciPost Physics Lecture Notes</i> , 0, , .	0.0	7