

Geoffrey Compère

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3342424/publications.pdf>

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	Black holes, gravitational waves and fundamental physics: a roadmap. <i>Classical and Quantum Gravity</i> , 2019, 36, 143001.	4.0	451
2	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
3	Surface charge algebra in gauge theories and thermodynamic integrability. <i>Journal of Mathematical Physics</i> , 2008, 49, .	1.1	220
4	Setting the boundary free in AdS/CFT. <i>Classical and Quantum Gravity</i> , 2008, 25, 195014.	4.0	178
5	The Kerr/CFT Correspondence and its Extensions. <i>Living Reviews in Relativity</i> , 2012, 15, 11.	26.7	155
6	Superboost transitions, refraction memory and super-Lorentz charge algebra. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	128
7	New boundary conditions for AdS ₃ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	110
8	The $\hat{\mathfrak{bms}}_4$ charge algebra. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	81
9	Vacua of the gravitational field. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	79
10	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
11	Classical static final state of collapse with supertranslation memory. <i>Classical and Quantum Gravity</i> , 2016, 33, 195001.	4.0	55
12	Advanced Lectures on General Relativity. <i>Lecture Notes in Physics</i> , 2019, , .	0.7	44
13	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
14	Relaxing the parity conditions of asymptotically flat gravity. <i>Classical and Quantum Gravity</i> , 2011, 28, 245016.	4.0	39
15	Liouville theory beyond the cosmological horizon. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	34
16	G_2 dualities in $D = 5$ supergravity and black strings. <i>Classical and Quantum Gravity</i> , 2009, 26, 125016.	4.0	32
17	Chiral Liouville gravity. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	31
18	The Kerr/CFT correspondence and its extensions. <i>Living Reviews in Relativity</i> , 2017, 20, 1.	26.7	30

#	ARTICLE	IF	CITATIONS
19	Gravitational multipole moments from Noether charges. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	29
20	Probing the nature of black holes: Deep in the mHz gravitational-wave sky. <i>Experimental Astronomy</i> , 2021, 51, 1385-1416.	3.7	29
21	Gravitational waves from plunges into Gargantua. <i>Classical and Quantum Gravity</i> , 2018, 35, 104002.	4.0	24
22	Asymptotically flat spacetimes with BMS 3 symmetry. <i>Classical and Quantum Gravity</i> , 2017, 34, 204002.	4.0	22
23	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
24	On asymptotic flatness and Lorentz charges. <i>Classical and Quantum Gravity</i> , 2011, 28, 145007.	4.0	19
25	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
26	Near-horizon geodesics of high spin black holes. <i>Physical Review D</i> , 2020, 101, .	4.7	14
27	Spin and quadrupole couplings for high spin equatorial intermediate mass-ratio coalescences. <i>Classical and Quantum Gravity</i> , 2019, 36, 245011.	4.0	11
28	Transition from inspiral to plunge into a highly spinning black hole. <i>Classical and Quantum Gravity</i> , 2020, 37, 095013.	4.0	9
29	Classification of radial Kerr geodesic motion. <i>Physical Review D</i> , 2022, 105, .	4.7	9
30	Self-Consistent Adiabatic Inspirational and Transition Motion. <i>Physical Review Letters</i> , 2021, 126, 241106.	7.8	7
31	Celestial holography: Lectures on asymptotic symmetries. <i>SciPost Physics Lecture Notes</i> , 0, , .	0.0	7
32	Are quantum corrections on horizon scale physically motivated?. <i>International Journal of Modern Physics D</i> , 2019, 28, 1930019.	2.1	6
33	Asymptotically Flat Spacetimes. <i>Lecture Notes in Physics</i> , 2019, , 81-102.	0.7	1
34	Scalar self-force for high spin black holes. <i>Physical Review D</i> , 2020, 101, .	4.7	1
35	Rotating Black Holes. <i>Lecture Notes in Physics</i> , 2019, , 103-140.	0.7	0