

# Archisman Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

2,844  
citations

361296

20  
h-index

501076

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3603  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , 2018, 21, 3.	8.2	808
2	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , 2017, 34, 044001.	1.5	735
3	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , 2016, 33, 134001.	1.5	225
4	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , 2021, 909, 218.	1.6	144
5	Cosmological inference using gravitational wave standard sirens: A mock data analysis. <i>Physical Review D</i> , 2020, 101, .	1.6	95
6	Conformal invariance and the four point scalar correlator in slow-roll inflation. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	89
7	Testing general relativity using golden black-hole binaries. <i>Physical Review D</i> , 2016, 94, .	1.6	80
8	Testing general relativity using gravitational wave signals from the inspiral, merger and ringdown of binary black holes. <i>Classical and Quantum Gravity</i> , 2018, 35, 014002.	1.5	72
9	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , 2017, 529, 1600209.	0.9	69
10	Empirical tests of the black hole no-hair conjecture using gravitational-wave observations. <i>Physical Review D</i> , 2018, 98, .	1.6	61
11	Search for Gravitational Waves Associated with Gamma-Ray Bursts during the First Advanced LIGO Observing Run and Implications for the Origin of GRB 150906B. <i>Astrophysical Journal</i> , 2017, 841, 89.	1.6	52
12	Integrability lost: Chaotic dynamics of classical strings on a confining holographic background. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 699, 388-393.	1.5	45
13	A morphology-independent data analysis method for detecting and characterizing gravitational wave echoes. <i>Physical Review D</i> , 2018, 98, .	1.6	43
14	Chaos around holographic Regge trajectories. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	42
15	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $\langle i \rangle h \langle /i \rangle$ ( $\langle i \rangle t \langle /i \rangle$ ) Tj ETQq1 1 0.784314 rgBT /Overlo	1.5	41
16	A morphology-independent search for gravitational wave echoes in data from the first and second observing runs of Advanced LIGO and Advanced Virgo. <i>Physical Review D</i> , 2020, 101, .	1.6	41
17	Parametrized tests of the strong-field dynamics of general relativity using gravitational wave signals from coalescing binary black holes: Fast likelihood calculations and sensitivity of the method. <i>Physical Review D</i> , 2018, 97, .	1.6	40
18	High frequency quasi-normal modes for black holes with generic singularities: II. Asymptotically non-flat spacetimes. <i>Classical and Quantum Gravity</i> , 2006, 23, 1851-1874.	1.5	30

#	ARTICLE	IF	CITATIONS
19	Estimating parameters of binary black holes from gravitational-wave observations of their inspiral, merger, and ringdown. <i>Physical Review D</i> , 2016, 94, .	1.6	26
20	Calibration of advanced Virgo and reconstruction of the detector strain $h(t)$ during the observing run O3. <i>Classical and Quantum Gravity</i> , 2022, 39, 045006.	1.5	20
21	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	1.8	20
22	Slowly varying dilaton cosmologies and their field theory duals. <i>Physical Review D</i> , 2009, 80, .	1.6	14
23	Confining backgrounds and quantum chaos in holography. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 729, 50-55.	1.5	14
24	On dumb holes and their gravity duals. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	12
25	Population inference of spin-induced quadrupole moments as a probe for nonblack hole compact binaries. <i>Physical Review D</i> , 2022, 105, .	1.6	11
26	Status of Advanced Virgo. <i>EPJ Web of Conferences</i> , 2018, 182, 02003.	0.1	9
27	Geographic and Annual Influences on Optical Follow-up of Gravitational Wave Events. <i>Astrophysical Journal</i> , 2017, 838, 46.	1.6	3
28	Dissipative nonlinear dynamics in holography. <i>Physical Review D</i> , 2014, 89, .	1.6	2
29	Status of the Advanced Virgo Gravitational Wave Detector. , 2018, , .		1