

# Archisman Ghosh

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26  
papers

1,806  
citations

19  
h-index

29  
g-index

29  
ext. papers

2,355  
ext. citations

5.3  
avg, IF

3.69  
L-index

#	Paper	IF	Citations
26	Calibration of advanced Virgo and reconstruction of the detector strain $h(t)$ during the observing run O3. <i>Classical and Quantum Gravity</i> , <b>2022</b> , 39, 045006	3.3	2
25	A Gravitational-wave Measurement of the Hubble Constant Following the Second Observing Run of Advanced LIGO and Virgo. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 218	4.7	46
24	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> , <b>2020</b> , 101,	4.9	22
23	Cosmological inference using gravitational wave standard sirens: A mock data analysis. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	36
22	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> , <b>2018</b> , 97,	4.9	20
21	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. <i>Living Reviews in Relativity</i> , <b>2018</b> , 21, 3	32.5	543
20	A morphology-independent data analysis method for detecting and characterizing gravitational wave echoes. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	31
19	Testing general relativity using gravitational wave signals from the inspiral, merger and ringdown of binary black holes. <i>Classical and Quantum Gravity</i> , <b>2018</b> , 35, 014002	3.3	48
18	Empirical tests of the black hole no-hair conjecture using gravitational-wave observations. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	38
17	Calibration of advanced Virgo and reconstruction of the gravitational wave signal $h(t)$ during the observing run O2. <i>Classical and Quantum Gravity</i> , <b>2018</b> , 35, 205004	3.3	35
16	Status of Advanced Virgo. <i>EPJ Web of Conferences</i> , <b>2018</b> , 182, 02003	0.3	4
15	Exploring the sensitivity of next generation gravitational wave detectors. <i>Classical and Quantum Gravity</i> , <b>2017</b> , 34, 044001	3.3	454
14	Geographic and Annual Influences on Optical Follow-up of Gravitational Wave Events. <i>Astrophysical Journal</i> , <b>2017</b> , 838, 46	4.7	2
13	The basic physics of the binary black hole merger GW150914. <i>Annalen Der Physik</i> , <b>2017</b> , 529, 1600209	2.6	45
12	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> , <b>2017</b> , 841, 89	4.7	42
11	Estimating parameters of binary black holes from gravitational-wave observations of their inspiral, merger, and ringdown. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	25
10	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. <i>Classical and Quantum Gravity</i> , <b>2016</b> , 33,	3.3	155

9	Testing general relativity using golden black-hole binaries. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	57
8	Conformal invariance and the four point scalar correlator in slow-roll inflation. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	72
7	Dissipative nonlinear dynamics in holography. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	1
6	Confining backgrounds and quantum chaos in holography. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 729, 50-55	4.2	11
5	Chaos around holographic Regge trajectories. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	30
4	On dumb holes and their gravity duals. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	11
3	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> , <b>2011</b> , 699, 388-393	4.2	35
2	Slowly varying dilaton cosmologies and their field theory duals. <i>Physical Review D</i> , <b>2009</b> , 80,	4.9	13
1	High frequency quasi-normal modes for black holes with generic singularities: II. Asymptotically non-flat spacetimes. <i>Classical and Quantum Gravity</i> , <b>2006</b> , 23, 1851-1874	3.3	28