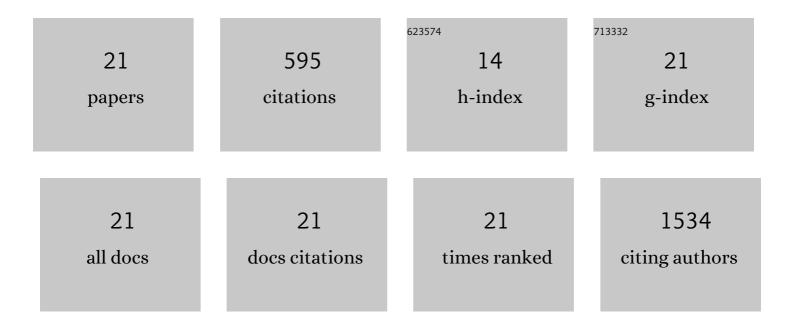
## Shasvath J Kapadia

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/152059/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Constraints on Compact Dark Matter from Gravitational Wave Microlensing. Astrophysical Journal Letters, 2022, 926, L28.	3.0	18
2	Can a binary neutron star merger in the vicinity of a supermassive black hole enable a detection of a post-merger gravitational wave signal?. Monthly Notices of the Royal Astronomical Society, 2022, 513, 3577-3586.	1.6	5
3	Improved early warning of compact binary mergers using higher modes of gravitational radiation: a population study. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1612-1622.	1.6	7
4	Search for the Stochastic Gravitational-wave Background Induced by Primordial Curvature Perturbations in LIGO's Second Observing Run. Astrophysical Journal Letters, 2021, 910, L4.	3.0	19
5	Template bank for spinning compact binary mergers in the second observation run of Advanced LIGO and the first observation run of Advanced Virgo. Physical Review D, 2021, 103, .	1.6	14
6	First Demonstration of Early Warning Gravitational-wave Alerts. Astrophysical Journal Letters, 2021, 910, L21.	3.0	33
7	Constraints on the Time Variation of the Gravitational Constant Using Gravitational Wave Observations of Binary Neutron Stars. Physical Review Letters, 2021, 126, 141104.	2.9	30
8	Rapid identification of strongly lensed gravitational-wave events with machine learning. Physical Review D, 2021, 104, .	1.6	10
9	Prospects for probing ultralight primordial black holes using the stochastic gravitational-wave background induced by primordial curvature perturbations. Physical Review D, 2020, 101, .	1.6	12
10	A self-consistent method to estimate the rate of compact binary coalescences with a Poisson mixture model. Classical and Quantum Gravity, 2020, 37, 045007.	1.5	35
11	Fast evaluation of multidetector consistency for real-time gravitational wave searches. Physical Review D, 2020, 101, .	1.6	51
12	A Machine Learning-based Source Property Inference for Compact Binary Mergers. Astrophysical Journal, 2020, 896, 54.	1.6	28
13	Of Harbingers and Higher Modes: Improved Gravitational-wave Early Warning of Compact Binary Mergers. Astrophysical Journal Letters, 2020, 898, L39.	3.0	14
14	An Early-warning System for Electromagnetic Follow-up of Gravitational-wave Events. Astrophysical Journal Letters, 2020, 905, L25.	3.0	48
15	Sub-threshold Binary Neutron Star Search in Advanced LIGO's First Observing Run. Astrophysical Journal Letters, 2019, 878, L17.	3.0	21
16	Prospects of detecting the nonlinear gravitational wave memory. Physical Review D, 2019, 99, .	1.6	24
17	Matter imprints in waveform models for neutron star binaries: Tidal and self-spin effects. Physical Review D, 2019, 99, .	1.6	144
18	Optimizing searches for electromagnetic counterparts of gravitational wave triggers. Monthly Notices of the Royal Astronomical Society, 2018, 478, 692-702.	1.6	51

#	Article	IF	CITATIONS
19	Estimating effective higher order terms in the post-Newtonian binding energy and gravitational-wave flux: Nonspinning compact binary inspiral. Physical Review D, 2016, 93, .	1.6	3
20	Superradiance-tidal friction correspondence. Physical Review D, 2014, 89, .	1.6	18
21	Do floating orbits in extreme mass ratio binary black holes exist?. Physical Review D, 2013, 87, .	1.6	10