

Tejaswi Venumadhav

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,093
citations

567281

15
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

1437
citing authors

#	ARTICLE	IF	CITATIONS
1	Signs of higher multipoles and orbital precession in GW151226. <i>Physical Review D</i> , 2022, 106, .	4.7	10
2	Distribution of effective spins and masses of binary black holes from the LIGO and Virgo O1&O3a observing runs. <i>Physical Review D</i> , 2021, 104, .	4.7	70
3	Mapping the likelihood of GW190521 with diverse mass and spin priors. <i>Physical Review D</i> , 2021, 104, .	4.7	11
4	The Challenges Ahead for Multimessenger Analyses of Gravitational Waves and Kilonova: A Case Study on GW190425. <i>Astrophysical Journal</i> , 2021, 922, 269.	4.5	35
5	Asymmetric surface brightness structure of caustic crossing arc in SDSS J1226+2152: a case for dark matter substructure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3192-3208.	4.4	14
6	Source properties of the lowest signal-to-noise-ratio binary black hole detections. <i>Physical Review D</i> , 2020, 102, .	4.7	18
7	New binary black hole mergers in the second observing run of Advanced LIGO and Advanced Virgo. <i>Physical Review D</i> , 2020, 101, .	4.7	225
8	Binary black hole mergers from LIGO/Virgo O1 and O2: Population inference combining confident and marginal events. <i>Physical Review D</i> , 2020, 102, .	4.7	44
9	Highly Magnified Stars in Lensing Clusters: New Evidence in a Galaxy Lensed by MACS J0416.1-2403. <i>Astrophysical Journal</i> , 2019, 880, 58.	4.5	34
10	New search pipeline for compact binary mergers: Results for binary black holes in the first observing run of Advanced LIGO. <i>Physical Review D</i> , 2019, 100, .	4.7	121
11	Highly spinning and aligned binary black hole merger in the Advanced LIGO first observing run. <i>Physical Review D</i> , 2019, 100, .	4.7	149
12	Probing Dark Matter Subhalos in Galaxy Clusters Using Highly Magnified Stars. <i>Astrophysical Journal</i> , 2018, 867, 24.	4.5	23
13	Heating of the intergalactic medium by the cosmic microwave background during cosmic dawn. <i>Physical Review D</i> , 2018, 98, .	4.7	50
14	Implication of the Shape of the EDGES Signal for the 21 cm Power Spectrum. <i>Astrophysical Journal Letters</i> , 2018, 864, L15.	8.3	21
15	Detecting primordial gravitational waves with circular polarization of the redshifted 21cm line. I. Formalism. <i>Physical Review D</i> , 2018, 97, .	4.7	10
16	New probe of magnetic fields in the preionization epoch. I. Formalism. <i>Physical Review D</i> , 2017, 95, .	4.7	15
17	New probe of magnetic fields in the pre-reionization epoch. II. Detectability. <i>Physical Review D</i> , 2017, 95, .	4.7	9
18	Microlensing of Extremely Magnified Stars near Caustics of Galaxy Clusters. <i>Astrophysical Journal</i> , 2017, 850, 49.	4.5	44

#	ARTICLE	IF	CITATIONS
19	Effect of lensing magnification on the apparent distribution of black hole mergers. Physical Review D, 2017, 95, .	4.7	67
20	Sterile neutrino dark matter: Weak interactions in the strong coupling epoch. Physical Review D, 2016, 94, .	4.7	70
21	A PRACTICAL THEOREM ON USING INTERFEROMETRY TO MEASURE THE GLOBAL 21 cm SIGNAL. Astrophysical Journal, 2016, 826, 116.	4.5	8
22	Stability of small-scale baryon perturbations during cosmological recombination. Physical Review D, 2015, 91, .	4.7	2
23	THE STABILITY OF TIDALLY DEFORMED NEUTRON STARS TO THREE- AND FOUR-MODE COUPLING. Astrophysical Journal, 2014, 781, 23.	4.5	43