

Pradip Gatkine

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,312
citations

516215

16
h-index

713013

21
g-index

25
all docs

25
docs citations

25
times ranked

2716
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Low Loss Waveguides Using Bragg Gratings. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8.	1.9	435
2	GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR. Astrophysical Journal Letters, 2019, 885, L19.	3.0	86
3	A luminous blue kilonova and an off-axis jet from a compact binary merger at $z=0.1341$. Nature Communications, 2018, 9, 4089.	5.8	85
4	ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. Astrophysical Journal, 2019, 886, 152.	1.6	77
5	GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Star "Black Hole Merger. Astrophysical Journal, 2020, 890, 131.	1.6	74
6	The Green Bank North Celestial Cap Pulsar Survey. III. 45 New Pulsar Timing Solutions. Astrophysical Journal, 2018, 859, 93.	1.6	72
7	Discovery and confirmation of the shortest gamma-ray burst from a collapsar. Nature Astronomy, 2021, 5, 917-927.	4.2	69
8	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. Astrophysical Journal, 2020, 905, 145.	1.6	69
9	Arrayed waveguide grating spectrometers for astronomical applications: new results. Optics Express, 2017, 25, 17918.	1.7	60
10	Arbitrary on-chip optical filter using complex waveguide Bragg gratings. Applied Physics Letters, 2016, 108, .	1.5	50
11	A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. Nature Astronomy, 2018, 2, 887-895.	4.2	39
12	GROWTH on S190426c: Real-time Search for a Counterpart to the Probable Neutron Star "Black Hole Merger using an Automated Difference Imaging Pipeline for DECam. Astrophysical Journal Letters, 2019, 881, L7.	3.0	39
13	Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. Astrophysical Journal, 2019, 879, 119.	1.6	38
14	Astrophotonic Spectrographs. Applied Sciences (Switzerland), 2019, 9, 290.	1.3	34
15	GROWTH on S190510g: DECam Observation Planning and Follow-up of a Distant Binary Neutron Star Merger Candidate. Astrophysical Journal Letters, 2019, 881, L16.	3.0	30
16	Ultrabroadband High Coupling Efficiency Fiber-to-Waveguide Coupler Using $\text{Si}_3\text{N}_4/\text{SiO}_2$ Waveguides on Silicon. IEEE Photonics Journal, 2016, 8, 1-12.	1.0	18
17	Potential of commercial SiN MPW platforms for developing mid/high-resolution integrated photonic spectrographs for astronomy. Applied Optics, 2021, 60, D15.	0.9	12
18	The CGM "GRB Study. I. Uncovering the Circumgalactic Medium around GRB Hosts at Redshifts $z < 6$. Astrophysical Journal, 2019, 884, 66.	1.6	9

#	ARTICLE	IF	CITATIONS
19	New Radio Constraints on the Obscured Star Formation Rates of Massive GRB Hosts at Redshifts $2 \leq z \leq 3.5$. Astrophysical Journal, 2020, 897, 9.	1.6	5
20	Development of high-resolution arrayed waveguide grating spectrometers for astronomical applications: first results. , 2016, , .		3
21	The CGM-GRB Study. II. Outflow-Galaxy Connection at $z \sim 1/4 - 6$. Astrophysical Journal, 2022, 926, 63.	1.6	3
22	In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. Astrophysical Journal, 2022, 932, 40.	1.6	3
23	Development of piezo-electric sensor based noninvasive low cost Arterial Pulse Analyzer. , 2013, , .		0
24	Simulating the study of exoplanets using photonic spectrographs. , 2022, , .		0