

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 | The CGMâ€“GRB Study. II. Outflowâ€“Galaxy Connection at $z \sim 1/4 - 6$. <i>Astrophysical Journal</i> , 2022, 926, 63. | 1.6 | 3 |
| 2 | Simulating the study of exoplanets using photonic spectrographs. , 2022, , . | | 0 |
| 3 | In Search of Short Gamma-Ray Burst Optical Counterparts with the Zwicky Transient Facility. <i>Astrophysical Journal</i> , 2022, 932, 40. | 1.6 | 3 |
| 4 | Potential of commercial SiN MPW platforms for developing mid/high-resolution integrated photonic spectrographs for astronomy. <i>Applied Optics</i> , 2021, 60, D15. | 0.9 | 12 |
| 5 | Discovery and confirmation of the shortest gamma-ray burst from a collapsar. <i>Nature Astronomy</i> , 2021, 5, 917-927. | 4.2 | 69 |
| 6 | New Radio Constraints on the Obscured Star Formation Rates of Massive GRB Hosts at Redshifts $2 \leq z \leq 3.5$. <i>Astrophysical Journal</i> , 2020, 897, 9. | 1.6 | 5 |
| 7 | GROWTH on S190814bv: Deep Synoptic Limits on the Optical/Near-infrared Counterpart to a Neutron Starâ€“Black Hole Merger. <i>Astrophysical Journal</i> , 2020, 890, 131. | 1.6 | 74 |
| 8 | Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. <i>Astrophysical Journal</i> , 2020, 905, 145. | 1.6 | 69 |
| 9 | The CGMâ€“GRB Study. I. Uncovering the Circumgalactic Medium around GRB Hosts at Redshifts $2 \leq z \leq 6$. <i>Astrophysical Journal</i> , 2019, 884, 66. | 1.6 | 9 |
| 10 | Discovery of Highly Blueshifted Broad Balmer and Metastable Helium Absorption Lines in a Tidal Disruption Event. <i>Astrophysical Journal</i> , 2019, 879, 119. | 1.6 | 38 |
| 11 | GROWTH on S190510g: DECam Observation Planning and Follow-up of a Distant Binary Neutron Star Merger Candidate. <i>Astrophysical Journal Letters</i> , 2019, 881, L16. | 3.0 | 30 |
| 12 | GROWTH on S190426c: Real-time Search for a Counterpart to the Probable Neutron Starâ€“Black Hole Merger using an Automated Difference Imaging Pipeline for DECam. <i>Astrophysical Journal Letters</i> , 2019, 881, L7. | 3.0 | 39 |
| 13 | Astrophotonic Spectrographs. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 290. | 1.3 | 34 |
| 14 | 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. <i>Astrophysical Journal Letters</i> , 2019, 885, L19. | 3.0 | 86 |
| 15 | ZTF Early Observations of Type Ia Supernovae. I. Properties of the 2018 Sample. <i>Astrophysical Journal</i> , 2019, 886, 152. | 1.6 | 77 |
| 16 | A luminous blue kilonova and an off-axis jet from a compact binary merger at $z = 0.1341$. <i>Nature Communications</i> , 2018, 9, 4089. | 5.8 | 85 |
| 17 | A UV resonance line echo from a shell around a hydrogen-poor superluminous supernova. <i>Nature Astronomy</i> , 2018, 2, 887-895. | 4.2 | 39 |
| 18 | The Green Bank North Celestial Cap Pulsar Survey. III. 45 New Pulsar Timing Solutions. <i>Astrophysical Journal</i> , 2018, 859, 93. | 1.6 | 72 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Characterization of Low Loss Waveguides Using Bragg Gratings. IEEE Journal of Selected Topics in Quantum Electronics, 2018, 24, 1-8. | 1.9 | 435 |
| 20 | Arrayed waveguide grating spectrometers for astronomical applications: new results. Optics Express, 2017, 25, 17918. | 1.7 | 60 |
| 21 | Ultrabroadband High Coupling Efficiency Fiber-to-Waveguide Coupler Using Si ₃ N ₄ /SiO ₂ Waveguides on Silicon. IEEE Photonics Journal, 2016, 8, 1-12. | 1.0 | 18 |
| 22 | Development of high-resolution arrayed waveguide grating spectrometers for astronomical applications: first results. , 2016, , . | | 3 |
| 23 | Arbitrary on-chip optical filter using complex waveguide Bragg gratings. Applied Physics Letters, 2016, 108, . | 1.5 | 50 |
| 24 | Development of piezo-electric sensor based noninvasive low cost Arterial Pulse Analyzer. , 2013, , . | | 0 |