

Gopal Bhatta

List of Publications by Year in descending order

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26
papers

659
citations

623734

14
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552781

26
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all docs

28
docs citations

28
times ranked

945
citing authors

#	ARTICLE	IF	CITATIONS
1	A Search for Cosmic Ray Bursts at 0.1 PeV with a Small Air Shower Array. <i>Symmetry</i> , 2022, 14, 501.	2.2	5
2	Cosmic ray ensembles as signatures of ultra-high energy photons interacting with the solar magnetic field. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 038.	5.4	4
3	Rapid X-ray variability in Mkn 421 during a multiwavelength campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1662-1679.	4.4	3
4	X-ray timing and spectral variability properties of blazars S5 0716+714, OJ 287, Mrk 501, and RBS 2070. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5280-5301.	4.4	8
5	Gamma-ray blazar variability: new statistical methods of time-flux distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1446-1458.	4.4	6
6	Characterizing Long-term Optical Variability Properties of γ -Ray-bright Blazars. <i>Astrophysical Journal</i> , 2021, 923, 7.	4.5	26
7	The Nature of Micro-Variability in Blazars. <i>Galaxies</i> , 2021, 9, 114.	3.0	11
8	Cosmic-Ray Extremely Distributed Observatory. <i>Symmetry</i> , 2020, 12, 1835.	2.2	33
9	X-ray, UV, and optical time delays in the bright Seyfert galaxy Ark 120 with co-ordinated <i>Swift</i> and ground-based observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1165-1179.	4.4	18
10	The Nature of γ -Ray Variability in Blazars. <i>Astrophysical Journal</i> , 2020, 891, 120.	4.5	50
11	Deterministic Aspect of the γ -Ray Variability in Blazars. <i>Astrophysical Journal</i> , 2020, 905, 160.	4.5	6
12	Blazar Mrk 501 shows rhythmic oscillations in its γ -ray emission. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 3990-3997.	4.4	34
13	Statistical Analysis of Microvariability Properties of the Blazar S5 0716+714. <i>Astrophysical Journal</i> , 2019, 884, 92.	4.5	13
14	Study of Periodic Signals from Blazars. <i>Proceedings (mdpi)</i> , 2019, 17, .	0.2	1
15	Hard X-ray properties of <i>NuSTAR</i> blazars. <i>Astronomy and Astrophysics</i> , 2018, 619, A93.	5.1	36
16	Detection of Periodic Radio Signal from the Blazar J1043+2408. <i>Galaxies</i> , 2018, 6, 136.	3.0	19
17	Signatures of the Disk "Jet Coupling in the Broad-line Radio Quasar 4C+74.26. <i>Astrophysical Journal</i> , 2018, 866, 132.	4.5	11
18	Microvariability in BL Lacertae: "Zooming" into the Innermost Blazar Regions. <i>Galaxies</i> , 2018, 6, 2.	3.0	22

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19	Radio and γ -Ray Variability in the BL Lac PKS 0219+164: Detection of Quasi-periodic Oscillations in the Radio Light Curve. <i>Astrophysical Journal</i> , 2017, 847, 7.	4.5	39
20	A Search for QPOs in the Blazar OJ287: Preliminary Results from the 2015/2016 Observing Campaign. <i>Galaxies</i> , 2016, 4, 41.	3.0	13
21	Investigating the Innermost Jet Structures of Blazar S5 0716+714 Using Uniquely Dense Intra-day Photo-polarimetric Observations. <i>Galaxies</i> , 2016, 4, 56.	3.0	1
22	DETECTION OF POSSIBLE QUASI-PERIODIC OSCILLATIONS IN THE LONG-TERM OPTICAL LIGHT CURVE OF THE BL LAC OBJECT OJ 287. <i>Astrophysical Journal</i> , 2016, 832, 47.	4.5	74
23	MULTIFREQUENCY PHOTO-POLARIMETRIC WEBT OBSERVATION CAMPAIGN ON THE BLAZAR S5 0716+714: SOURCE MICROVARIABILITY AND SEARCH FOR CHARACTERISTIC TIMESCALES*. <i>Astrophysical Journal</i> , 2016, 831, 92.	4.5	47
24	DISCOVERY OF A HIGHLY POLARIZED OPTICAL MICROFLARE IN BLAZAR S5 0716+714 DURING THE 2014 WEBT CAMPAIGN. <i>Astrophysical Journal Letters</i> , 2015, 809, L27.	8.3	24
25	The 72-h WEBT microvariability observation of blazar S5 0716+714 in 2009. <i>Astronomy and Astrophysics</i> , 2013, 558, A92.	5.1	52
26	Multifrequency monitoring of the blazar 0716+714 during the GASP-WEBT-AGILE campaign of 2007. <i>Astronomy and Astrophysics</i> , 2008, 481, L79-L82.	5.1	103