

Pratik Majumdar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5020088/publications.pdf>

Version: 2024-02-01

38
papers

1,506
citations

430874

18
h-index

330143

37
g-index

40
all docs

40
docs citations

40
times ranked

2374
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. <i>Science</i> , 2018, 361, .	12.6	654
2	The Blazar TXS 0506+056 Associated with a High-energy Neutrino: Insights into Extragalactic Jets and Cosmic-Ray Acceleration. <i>Astrophysical Journal Letters</i> , 2018, 863, L10.	8.3	141
3	Measurement of the extragalactic background light using MAGIC and Fermi-LAT gamma-ray observations of blazars up to $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 4233-4251.	4.4	67
4	A cut-off in the TeV gamma-ray spectrum of the SNR Cassiopeia A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2956-2962.	4.4	64
5	Performance of the MAGIC telescopes under moonlight. <i>Astroparticle Physics</i> , 2017, 94, 29-41.	4.3	54
6	Bounds on Lorentz Invariance Violation from MAGIC Observation of GRB 190114C. <i>Physical Review Letters</i> , 2020, 125, 021301.	7.8	52
7	New Hard-TeV Extreme Blazars Detected with the MAGIC Telescopes*. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 16.	7.7	39
8	Periastron Observations of TeV Gamma-Ray Emission from a Binary System with a 50-year Period. <i>Astrophysical Journal Letters</i> , 2018, 867, L19.	8.3	38
9	MAGIC Observations of the Nearby Short Gamma-Ray Burst GRB 160821B [*] . <i>Astrophysical Journal</i> , 2021, 908, 90.	4.5	38
10	Constraining very-high-energy and optical emission from FRB 121102 with the MAGIC telescopes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2479-2486.	4.4	33
11	Monitoring of the radio galaxy M87 during a low-emission state from 2012 to 2015 with MAGIC. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5354-5365.	4.4	31
12	Constraints on Gamma-Ray and Neutrino Emission from NGC 1068 with the MAGIC Telescopes. <i>Astrophysical Journal</i> , 2019, 883, 135.	4.5	27
13	Constraining Lorentz Invariance Violation Using the Crab Pulsar Emission Observed up to TeV Energies by MAGIC. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 9.	7.7	25
14	Unraveling the Complex Behavior of Mrk 421 with Simultaneous X-Ray and VHE Observations during an Extreme Flaring Activity in 2013 April [*] . <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 29.	7.7	25
15	Proton acceleration in thermonuclear nova explosions revealed by gamma rays. <i>Nature Astronomy</i> , 2022, 6, 689-697.	10.1	25
16	VERITAS OBSERVATIONS OF THE NOVA IN V407 CYGNI. <i>Astrophysical Journal</i> , 2012, 754, 77.	4.5	24
17	Very high-energy γ -ray observations of novae and dwarf novae with the MAGIC telescopes. <i>Astronomy and Astrophysics</i> , 2015, 582, A67.	5.1	21
18	Combined searches for dark matter in dwarf spheroidal galaxies observed with the MAGIC telescopes, including new data from Coma Berenices and Draco. <i>Physics of the Dark Universe</i> , 2022, 35, 100912.	4.9	21

#	ARTICLE	IF	CITATIONS
19	An intermittent extreme BL Lac: MWL study of 1ES2344+514 in an enhanced state. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3912-3928.	4.4	14
20	Multiwavelength variability and correlation studies of Mrk421 during historically low X-ray and γ -ray activity in 2015–2016. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	13
21	VHE gamma-ray detection of FSRQ QSO B1420+326 and modeling of its enhanced broadband state in 2020. Astronomy and Astrophysics, 2021, 647, A163.	5.1	11
22	Investigating the Blazar TXS 0506+056 through Sharp Multiwavelength Eyes During 2017–2019. Astrophysical Journal, 2022, 927, 197.	4.5	11
23	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. Astrophysical Journal, 2021, 923, 241.	4.5	10
24	Deep observations of the globular cluster M15 with the MAGIC telescopes. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2876-2885.	4.4	8
25	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. Monthly Notices of the Royal Astronomical Society, 2019, 485, 356-366.	4.4	7
26	Multiwavelength analysis of low surface brightness galaxies to study possible dark matter signature. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4238-4254.	4.4	7
27	Ground-based gamma-ray astronomy: history and development of techniques. European Physical Journal: Special Topics, 2022, 231, 3-26.	2.6	7
28	Discovery of TeV γ -ray emission from the neighbourhood of the supernova remnant G24.7+0.6 by MAGIC. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4578-4585.	4.4	6
29	Multiwavelength study of the gravitationally lensed blazar QSO B0218+357 between 2016 and 2020. Monthly Notices of the Royal Astronomical Society, 2022, 510, 2344-2362.	4.4	6
30	First detection of VHE gamma-ray emission from TXS1515–273, study of its X-ray variability and spectral energy distribution. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1528-1545.	4.4	4
31	Galactic and extragalactic sources of very high energy gamma rays. European Physical Journal: Special Topics, 2022, 231, 27-66.	2.6	4
32	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. Astrophysical Journal, 2022, 932, 129.	4.5	4
33	Multiwavelength temporal and spectral study of TeV blazar 1ES 1727+502 during 2014–2021. Monthly Notices of the Royal Astronomical Society, 2022, 515, 2633-2645.	4.4	4
34	Possible TeV Gamma-Ray Binary Origin of HESS J1828–099. Astrophysical Journal Letters, 2022, 927, L35.	8.3	3
35	Investigating the region of 3C 397 in High Energy Gamma rays. Proceedings of the International Astronomical Union, 2017, 12, 316-319.	0.0	2
36	Probing the star formation origin of gamma-rays from 3FHL J1907.0+0713. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4226-4237.	4.4	2

#	ARTICLE	IF	CITATIONS
37	Search for Very High-energy Emission from the Millisecond Pulsar PSR J0218+4232. <i>Astrophysical Journal</i> , 2021, 922, 251.	4.5	2
38	Locating the TeV γ -rays from the shell regions of Cassiopeia A. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 380-381.	0.0	0