

# Vaidehi S Paliya

## List of Publications by Year in descending order

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65  
papers

3,146  
citations

201674

27  
h-index

155660

55  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3515  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Fermi</i> Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33.	7.7	817
2	3FHL: The Third Catalog of Hard Fermi-LAT Sources. <i>Astrophysical Journal, Supplement Series</i> , 2017, 232, 18.	7.7	227
3	The Fourth Catalog of Active Galactic Nuclei Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2020, 892, 105.	4.5	204
4	A Decade of Gamma-Ray Bursts Observed by Fermi-LAT: The Second GRB Catalog. <i>Astrophysical Journal</i> , 2019, 878, 52.	4.5	152
5	The Search for Spatial Extension in High-latitude Sources Detected by the Fermi Large Area Telescope. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 32.	7.7	121
6	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
7	MULTI-WAVELENGTH OBSERVATIONS OF 3C 279 DURING THE EXTREMELY BRIGHT GAMMA-RAY FLARE IN 2014 MARCHâ€“APRIL. <i>Astrophysical Journal</i> , 2015, 803, 15.	4.5	70
8	Search for Extended Sources in the Galactic Plane Using Six Years of Fermi-Large Area Telescope Pass 8 Data above 10 GeV. <i>Astrophysical Journal</i> , 2017, 843, 139.	4.5	70
9	The $\hat{3}$ -Ray Emission of Star-forming Galaxies. <i>Astrophysical Journal</i> , 2020, 894, 88.	4.5	64
10	The Second Catalog of Flaring Gamma-Ray Sources from the Fermi All-sky Variability Analysis. <i>Astrophysical Journal</i> , 2017, 846, 34.	4.5	63
11	General Physical Properties of CGRaBS Blazars. <i>Astrophysical Journal</i> , 2017, 851, 33.	4.5	56
12	THE PECULIAR RADIO-LOUD NARROW LINE SEYFERT 1 GALAXY 1H 0323+342. <i>Astrophysical Journal</i> , 2014, 789, 143.	4.5	55
13	Gamma-Ray-emitting Narrow-line Seyfert 1 Galaxies in the Sloan Digital Sky Survey. <i>Astrophysical Journal Letters</i> , 2018, 853, L2.	8.3	52
14	Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow. <i>Astrophysical Journal</i> , 2020, 890, 9.	4.5	48
15	Intranight optical variability of $\hat{A}$ -ray-loud narrow-line Seyfert 1 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 2450-2458.	4.4	47
16	THE VIOLENT HARD X-RAY VARIABILITY OF MRK 421 OBSERVED BY<i>NuSTAR</i> IN 2013 APRIL. <i>Astrophysical Journal</i> , 2015, 811, 143.	4.5	46
17	The Central Engines of Fermi Blazars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 46.	7.7	46
18	General Physical Properties of Gamma-Ray-emitting Narrow-line Seyfert 1 Galaxies. <i>Astrophysical Journal</i> , 2019, 872, 169.	4.5	44

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19	Gamma-Ray Blazars within the First 2 Billion Years. <i>Astrophysical Journal Letters</i> , 2017, 837, L5.	8.3	42
20	An observational determination of the evolving extragalactic background light from the multiwavelength <i>HST</i> /CANDELS survey in the <i>Fermi</i> and CTA era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5144-5160.	4.4	42
21	Candidate Tidal Disruption Event AT2019fdr Coincident with a High-Energy Neutrino. <i>Physical Review Letters</i> , 2022, 128, .	7.8	41
22	<i>Fermi</i> -LARGE AREA TELESCOPE OBSERVATIONS OF THE EXCEPTIONAL GAMMA-RAY FLARE FROM 3C 279 IN 2015 JUNE. <i>Astrophysical Journal Letters</i> , 2015, 808, L48.	8.3	39
23	THE NATURE OF $\gamma$ -RAY LOUD NARROW-LINE SEYFERT I GALAXIES PKS 1502+036 AND PKS 2004â€“447. <i>Astrophysical Journal</i> , 2013, 768, 52.	4.5	37
24	Multiwavelength and Neutrino Emission from Blazar PKS 1502 + 106. <i>Astrophysical Journal</i> , 2021, 912, 54.	4.5	37
25	Fermi-LAT Observations of LIGO/Virgo Event GW170817. <i>Astrophysical Journal</i> , 2018, 861, 85.	4.5	32
26	Fermi Large Area Telescope Performance after 10 Years of Operation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 12.	7.7	30
27	A HARD GAMMA-RAY FLARE FROM 3C 279 IN 2013 DECEMBER. <i>Astrophysical Journal</i> , 2016, 817, 61.	4.5	27
28	BAT AGN Spectroscopic Survey. XVI. General Physical Characteristics of BAT Blazars. <i>Astrophysical Journal</i> , 2019, 881, 154.	4.5	27
29	BROADBAND OBSERVATIONS OF HIGH REDSHIFT BLAZARS. <i>Astrophysical Journal</i> , 2016, 825, 74.	4.5	26
30	Leptonic and Hadronic Modeling of Fermi-LAT Hard Spectrum Quasars and Predictions for High-energy Polarization. <i>Astrophysical Journal</i> , 2018, 863, 98.	4.5	23
31	Search for Gamma-Ray Emission from Local Primordial Black Holes with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2018, 857, 49.	4.5	23
32	THE FIRST GEV OUTBURST OF THE RADIO-LOUD NARROW-LINE SEYFERT 1 GALAXY PKS 1502+036. <i>Astrophysical Journal</i> , 2016, 820, 52.	4.5	22
33	BROADBAND OBSERVATIONS OF THE GAMMA-RAY EMITTING NARROW LINE SEYFERT 1 GALAXY SBS 0846+513. <i>Astrophysical Journal</i> , 2016, 819, 121.	4.5	22
34	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018, 866, 24.	4.5	21
35	<i>Fermi</i> MONITORING OF RADIO-LOUD NARROW-LINE SEYFERT 1 GALAXIES. <i>Astronomical Journal</i> , 2015, 149, 41.	4.7	20
36	Intra-night optical variability characteristics of different classes of narrow-line Seyfert 1 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2679-2689.	4.4	20

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37	Einstein@Home discovers a radio-quiet gamma-ray millisecond pulsar. <i>Science Advances</i> , 2018, 4, eaao7228.	10.3	20
38	Multifrequency Observations of the Candidate Neutrino-emitting Blazar BZB J0955+3551. <i>Astrophysical Journal</i> , 2020, 902, 29.	4.5	20
39	Blazars at the Cosmic Dawn. <i>Astrophysical Journal</i> , 2020, 897, 177.	4.5	19
40	THE HIGH-REDSHIFT BLAZAR S5 0836+71: A BROADBAND STUDY. <i>Astrophysical Journal</i> , 2015, 804, 74.	4.5	18
41	Flux and Polarization Variability of OJ 287 during the Early 2016 Outburst. <i>Astrophysical Journal</i> , 2017, 835, 275.	4.5	18
42	NEW HIGH-z FERMI BL LACS WITH THE PHOTOMETRIC DROPOUT TECHNIQUE. <i>Astrophysical Journal</i> , 2017, 834, 41.	4.5	18
43	New High-z BL Lacs Using the Photometric Method with Swift and SARA. <i>Astrophysical Journal</i> , 2018, 859, 80.	4.5	18
44	NUSTAR, SWIFT, AND GROND OBSERVATIONS OF THE FLARING MEV BLAZAR PMN J0641 <sup>+</sup> 0320. <i>Astrophysical Journal</i> , 2016, 826, 76.	4.5	16
45	High-redshift Blazars through NuSTAR Eyes. <i>Astrophysical Journal</i> , 2017, 839, 96.	4.5	16
46	Probing the EBL Evolution at High Redshift Using GRBs Detected with the Fermi-LAT. <i>Astrophysical Journal</i> , 2017, 850, 73.	4.5	16
47	Investigating the Nature of Late-time High-energy GRB Emission through Joint Fermi/Swift Observations. <i>Astrophysical Journal</i> , 2018, 863, 138.	4.5	16
48	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017, 846, L5.	8.3	15
49	Fermi-LAT Stacking Analysis Technique: An Application to Extreme Blazars and Prospects for their CTA Detection. <i>Astrophysical Journal Letters</i> , 2019, 882, L3.	8.3	15
50	Intra-night Optical Variability Monitoring of Fermi Blazars: First Results from 1.3 m J. C. Bhattacharya Telescope. <i>Astrophysical Journal</i> , 2017, 844, 32.	4.5	14
51	Gamma-ray emitting narrow-line Seyfert 1 galaxies: Past, present, and future. <i>Journal of Astrophysics and Astronomy</i> , 2019, 40, 1.	1.0	12
52	Detection of a Gamma-Ray Flare from the High-redshift Blazar DA 193. <i>Astrophysical Journal</i> , 2019, 871, 211.	4.5	12
53	The First Gamma-Ray Emitting BL Lacertae Object at the Cosmic Dawn. <i>Astrophysical Journal Letters</i> , 2020, 903, L8.	8.3	12
54	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

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55	TXS 2116+077: A Gamma-Ray Emitting Relativistic Jet Hosted in a Galaxy Merger. <i>Astrophysical Journal</i> , 2020, 892, 133.	4.5	11
56	A New Gamma-Ray-emitting Population of FRO Radio Galaxies. <i>Astrophysical Journal Letters</i> , 2021, 918, L39.	8.3	11
57	A Search for Cosmic-Ray Proton Anisotropy with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2019, 883, 33.	4.5	9
58	TXS 1206+549: a new $\gamma$ -ray-detected narrow-line Seyfert 1 galaxy at redshift 1.34?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2021, 504, L22-L27.	3.3	8
59	MAGIC and <i>Fermi</i> -LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 356-366.	4.4	7
60	The first GeV flare of the radio-loud narrow-line Seyfert 1 galaxy PKS 2004+447. <i>Astronomy and Astrophysics</i> , 2021, 649, A77.	5.1	7
61	Hunting extreme BL Lacertae blazars with Fermi-Large Area Telescope. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 137-159.	4.4	7
62	Bright Gamma-Ray Flares Observed in GRB 131108A. <i>Astrophysical Journal Letters</i> , 2019, 886, L33.	8.3	6
63	AWAKENING OF THE HIGH-REDSHIFT BLAZAR CGRaBS J0809+5341. <i>Astrophysical Journal</i> , 2015, 803, 112.	4.5	3
64	On the Origin of Gamma-Ray Flares from Bright Fermi Blazars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 257, 37.	7.7	3
65	Multi-wavelength characterization of Fermi blazars of uncertain type. <i>Journal of Astrophysics and Astronomy</i> , 2022, 43, 1.	1.0	1