

Wystan Benbow

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8185477/publications.pdf>

Version: 2024-02-01

36
papers

730
citations

430874

18
h-index

552781

26
g-index

36
all docs

36
docs citations

36
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Gamma-ray Observations of Tycho's Supernova Remnant with VERITAS and Fermi. <i>Astrophysical Journal</i> , 2017, 836, 23.	4.5	55
2	A SEARCH FOR BRIEF OPTICAL FLASHES ASSOCIATED WITH THE SETI TARGET KIC 8462852. <i>Astrophysical Journal Letters</i> , 2016, 818, L33.	8.3	54
3	SPATIALLY RESOLVING THE VERY HIGH ENERGY EMISSION FROM MGRO J2019+37 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 788, 78.	4.5	46
4	DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240. <i>Astrophysical Journal Letters</i> , 2014, 785, L16.	8.3	38
5	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
6	A Very High Energy γ -Ray Survey toward the Cygnus Region of the Galaxy. <i>Astrophysical Journal</i> , 2018, 861, 134.	4.5	37
7	INVESTIGATING THE TeV MORPHOLOGY OF MGRO J1908+06 WITH VERITAS. <i>Astrophysical Journal</i> , 2014, 787, 166.	4.5	34
8	Evidence for Proton Acceleration up to TeV Energies Based on VERITAS and Fermi-LAT Observations of the Cas A SNR. <i>Astrophysical Journal</i> , 2020, 894, 51.	4.5	34
9	Measurement of the Extragalactic Background Light Spectral Energy Distribution with VERITAS. <i>Astrophysical Journal</i> , 2019, 885, 150.	4.5	30
10	A SEARCH FOR SPECTRAL HYSTERESIS AND ENERGY-DEPENDENT TIME LAGS FROM X-RAY AND TeV GAMMA-RAY OBSERVATIONS OF Mrk 421. <i>Astrophysical Journal</i> , 2017, 834, 2.	4.5	29
11	Multiwavelength Observations of the Blazar BL Lacertae: A New Fast TeV Gamma-Ray Flare. <i>Astrophysical Journal</i> , 2018, 856, 95.	4.5	27
12	VERITAS Observations of the BL Lac Object TXS 0506+056. <i>Astrophysical Journal Letters</i> , 2018, 861, L20.	8.3	27
13	CONSTRAINTS ON VERY HIGH ENERGY EMISSION FROM GRB 130427A. <i>Astrophysical Journal Letters</i> , 2014, 795, L3.	8.3	26
14	RESOLVING THE HIGH-ENERGY UNIVERSE WITH STRONG GRAVITATIONAL LENSING: THE CASE OF PKS 1830-211. <i>Astrophysical Journal</i> , 2015, 809, 100.	4.5	22
15	A Decade of Multiwavelength Observations of the TeV Blazar 1ES 1215+303: Extreme Shift of the Synchrotron Peak Frequency and Long-term Optical γ -Ray Flux Increase. <i>Astrophysical Journal</i> , 2020, 891, 170.	4.5	22
16	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
17	The Great Markarian 421 Flare of 2010 February: Multiwavelength Variability and Correlation Studies. <i>Astrophysical Journal</i> , 2020, 890, 97.	4.5	21
18	VERITAS Observations of the Galactic Center Region at Multi-TeV Gamma-Ray Energies. <i>Astrophysical Journal</i> , 2021, 913, 115.	4.5	21

#	ARTICLE	IF	CITATIONS
19	VERY-HIGH ENERGY OBSERVATIONS OF THE GALACTIC CENTER REGION BY VERITAS IN 2010-2012. <i>Astrophysical Journal</i> , 2014, 790, 149.	4.5	18
20	A Luminous and Isolated Gamma-Ray Flare from the Blazar B2 1215+30. <i>Astrophysical Journal</i> , 2017, 836, 205.	4.5	16
21	HESS J1943+213: An Extreme Blazar Shining through the Galactic Plane. <i>Astrophysical Journal</i> , 2018, 862, 41.	4.5	15
22	VERITAS Discovery of VHE Emission from the Radio Galaxy 3C 264: A Multiwavelength Study. <i>Astrophysical Journal</i> , 2020, 896, 41.	4.5	13
23	STRONG GRAVITATIONAL LENSING AS A TOOL TO INVESTIGATE THE STRUCTURE OF JETS AT HIGH ENERGIES. <i>Astrophysical Journal</i> , 2014, 788, 139.	4.5	12
24	Observation of the Gamma-Ray Binary HESS J0632+057 with the H.E.S.S., MAGIC, and VERITAS Telescopes. <i>Astrophysical Journal</i> , 2021, 923, 241.	4.5	10
25	Variability and Spectral Characteristics of Three Flaring Gamma-Ray Quasars Observed by VERITAS and Fermi-LAT. <i>Astrophysical Journal</i> , 2022, 924, 95.	4.5	9
26	A Strong Limit on the Very-high-energy Emission from GRB 150323A. <i>Astrophysical Journal</i> , 2018, 857, 33.	4.5	8
27	STRONGLY LENSED JETS, TIME DELAYS, AND THE VALUE OF $\langle i \rangle H_0$. <i>Astrophysical Journal</i> , 2015, 799, 48.	4.5	7
28	A SEARCH FOR VERY HIGH ENERGY GAMMA RAYS FROM THE MISSING LINK BINARY PULSAR J1023+0038 WITH VERITAS. <i>Astrophysical Journal</i> , 2016, 831, 193.	4.5	6
29	A Search for Pulsed Very High-energy Gamma-Rays from 13 Young Pulsars in Archival VERITAS Data. <i>Astrophysical Journal</i> , 2019, 876, 95.	4.5	6
30	Probing the Properties of the Pulsar Wind in the Gamma-Ray Binary HESS J0632+057 with NuSTAR and VERITAS Observations. <i>Astrophysical Journal</i> , 2020, 888, 115.	4.5	6
31	Discovery of Very-high-energy Emission from RGB J2243+203 and Derivation of Its Redshift Upper Limit. <i>Astrophysical Journal</i> , Supplement Series, 2017, 233, 7.	7.7	4
32	A Search for TeV Gamma-Ray Emission from Pulsar Tails by VERITAS. <i>Astrophysical Journal</i> , 2021, 916, 117.	4.5	4
33	An Archival Search for Neutron-star Mergers in Gravitational Waves and Very-high-energy Gamma Rays. <i>Astrophysical Journal</i> , 2021, 918, 66.	4.5	4
34	Multiwavelength Observation Campaign of the TeV Gamma-Ray Binary HESS J0632 + 057 with NuSTAR, VERITAS, MDM, and Swift. <i>Astrophysical Journal</i> , 2021, 923, 17.	4.5	4
35	Multiwavelength Observations of the Blazar VER J0521+211 during an Elevated TeV Gamma-Ray State. <i>Astrophysical Journal</i> , 2022, 932, 129.	4.5	4
36	TEST OF MODELS OF THE COSMIC INFRARED BACKGROUND WITH MULTIWAVELENGTH OBSERVATIONS OF THE BLAZAR 1ES 1218+30.4 IN 2009. <i>Astrophysical Journal</i> , 2014, 788, 158.	4.5	2