

C Michelle Hui

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

72
papers

4,071
citations

34
h-index

63
g-index

78
ext. papers

4,659
ext. citations

7.4
avg, IF

3.58
L-index

#	Paper	IF	Citations
72	The NASA Multi-Messenger Astrophysics Science Support Center (MOSSAIC). <i>Astronomy and Computing</i> , 2022 , 100582	2.4	0
71	The Fermi-GBM Gamma-Ray Burst Spectral Catalog: 10 yr of Data. <i>Astrophysical Journal</i> , 2021 , 913, 60	4.7	12
70	Identification of a Local Sample of Gamma-Ray Bursts Consistent with a Magnetar Giant Flare Origin. <i>Astrophysical Journal Letters</i> , 2021 , 907, L28	7.9	12
69	Evaluation of Automated Fermi GBM Localizations of Gamma-Ray Bursts. <i>Astrophysical Journal</i> , 2020 , 895, 40	4.7	11
68	The Fourth Fermi-GBM Gamma-Ray Burst Catalog: A Decade of Data. <i>Astrophysical Journal</i> , 2020 , 893, 46	4.7	67
67	A Joint Fermi-GBM and LIGO/Virgo Analysis of Compact Binary Mergers from the First and Second Gravitational-wave Observing Runs. <i>Astrophysical Journal</i> , 2020 , 893, 100	4.7	9
66	MAGIC and Fermi-LAT gamma-ray results on unassociated HAWC sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019 , 485, 356-366	4.3	4
65	Fermi-GBM GRBs with Characteristics Similar to GRB 170817A. <i>Astrophysical Journal</i> , 2019 , 876, 89	4.7	16
64	A Fermi Gamma-Ray Burst Monitor Search for Electromagnetic Signals Coincident with Gravitational-wave Candidates in Advanced LIGO's First Observing Run. <i>Astrophysical Journal</i> , 2019 , 871, 90	4.7	22
63	Measurement of the Crab Nebula Spectrum Past 100 TeV with HAWC. <i>Astrophysical Journal</i> , 2019 , 881, 134	4.7	55
62	Observation of inverse Compton emission from a long Γ -ray burst. <i>Nature</i> , 2019 , 575, 459-463	50.4	80
61	On the Interpretation of the Fermi -GBM Transient Observed in Coincidence with LIGO Gravitational-wave Event GW150914. <i>Astrophysical Journal Letters</i> , 2018 , 853, L9	7.9	23
60	Analysis of Sub-threshold Short Gamma-Ray Bursts in Fermi GBM Data. <i>Astrophysical Journal</i> , 2018 , 862, 152	4.7	14
59	Fermi GBM Observations of GRB 150101B: A Second Nearby Event with a Short Hard Spike and a Soft Tail. <i>Astrophysical Journal Letters</i> , 2018 , 863, L34	7.9	22
58	VERITAS and Fermi-LAT Observations of TeV Gamma-Ray Sources Discovered by HAWC in the 2HWC Catalog. <i>Astrophysical Journal</i> , 2018 , 866, 24	4.7	15
57	Very-high-energy particle acceleration powered by the jets of the microquasar SS 433. <i>Nature</i> , 2018 , 562, 82-85	50.4	40
56	SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITOR AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226. <i>Astrophysical Journal</i> , 2017 , 835, 82	4.7	29

55	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC. <i>Astrophysical Journal</i> , 2017 , 842, 85	4.7	24
54	Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC. <i>Astrophysical Journal</i> , 2017 , 841, 100	4.7	27
53	STROBE-X: X-ray timing and spectroscopy on dynamical timescales from microseconds to years. <i>Results in Physics</i> , 2017 , 7, 3704-3705	3.7	11
52	An Ordinary Short Gamma-Ray Burst with Extraordinary Implications: Fermi -GBM Detection of GRB 170817A. <i>Astrophysical Journal Letters</i> , 2017 , 848, L14	7.9	753
51	Fermi Observations of the LIGO Event GW170104. <i>Astrophysical Journal Letters</i> , 2017 , 846, L5	7.9	11
50	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events. <i>Astrophysical Journal</i> , 2017 , 843, 116	4.7	13
49	Extended gamma-ray sources around pulsars constrain the origin of the positron flux at Earth. <i>Science</i> , 2017 , 358, 911-914	33.3	185
48	Search for Very-high-energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2017 , 843, 88	4.7	9
47	The 2HWC HAWC Observatory Gamma-Ray Catalog. <i>Astrophysical Journal</i> , 2017 , 843, 40	4.7	148
46	Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory. <i>Astrophysical Journal</i> , 2017 , 843, 39	4.7	98
45	FERMI GBM OBSERVATIONS OF LIGO GRAVITATIONAL-WAVE EVENT GW150914. <i>Astrophysical Journal Letters</i> , 2016 , 826, L6	7.9	219
44	SEARCH FOR TeV GAMMA-RAY EMISSION FROM POINT-LIKE SOURCES IN THE INNER GALACTIC PLANE WITH A PARTIAL CONFIGURATION OF THE HAWC OBSERVATORY. <i>Astrophysical Journal</i> , 2016 , 817, 3	4.7	27
43	SEARCH FOR GAMMA-RAYS FROM THE UNUSUALLY BRIGHT GRB 130427A WITH THE HAWC GAMMA-RAY OBSERVATORY. <i>Astrophysical Journal</i> , 2015 , 800, 78	4.7	22
42	OBSERVATION OF SMALL-SCALE ANISOTROPY IN THE ARRIVAL DIRECTION DISTRIBUTION OF TeV COSMIC RAYS WITH HAWC. <i>Astrophysical Journal</i> , 2014 , 796, 108	4.7	59
41	VERITAS OBSERVATIONS OF DAY-SCALE FLARING OF M 87 IN 2010 APRIL. <i>Astrophysical Journal</i> , 2012 , 746, 141	4.7	31
40	SPECTRUM AND MORPHOLOGY OF THE TWO BRIGHTEST MILAGRO SOURCES IN THE CYGNUS REGION: MGRO J2019+37 AND MGRO J2031+41. <i>Astrophysical Journal</i> , 2012 , 753, 159	4.7	45
39	THE 2010 M 87 VHE FLARE AND ITS ORIGIN: THE MULTI-WAVELENGTH PICTURE. <i>International Journal of Modern Physics Conference Series</i> , 2012 , 08, 184-189	0.7	2
38	MULTIWAVELENGTH OBSERVATIONS OF THE AGN 1ES 0414+009 WITH VERITAS,FERMI-LAT,SWIFT-XRT, AND MDM. <i>Astrophysical Journal</i> , 2012 , 755, 118	4.7	21

37	Probing the origin of VHE emission from M 87 with MWL observations in 2010. <i>Journal of Physics: Conference Series</i> , 2012 , 355, 012034	0.3	
36	VERITAS OBSERVATIONS OF GAMMA-RAY BURSTS DETECTED BY SWIFT. <i>Astrophysical Journal</i> , 2011 , 743, 62	4.7	37
35	TeV AND MULTI-WAVELENGTH OBSERVATIONS OF Mrk 421 IN 2006-2008. <i>Astrophysical Journal</i> , 2011 , 738, 25	4.7	89
34	MULTI-WAVELENGTH OBSERVATIONS OF THE FLARING GAMMA-RAY BLAZAR 3C 66A IN 2008 OCTOBER. <i>Astrophysical Journal</i> , 2011 , 726, 43	4.7	59
33	VERITAS OBSERVATIONS OF THE UNUSUAL EXTRAGALACTIC TRANSIENT SWIFT J164449.3+573451. <i>Astrophysical Journal Letters</i> , 2011 , 738, L30	7.9	11
32	MULTIWAVELENGTH OBSERVATIONS OF THE PREVIOUSLY UNIDENTIFIED BLAZAR RX J0648.7+1516. <i>Astrophysical Journal</i> , 2011 , 742, 127	4.7	25
31	MULTIWAVELENGTH OBSERVATIONS OF THE VERY HIGH ENERGY BLAZAR 1ES 2344+514. <i>Astrophysical Journal</i> , 2011 , 738, 169	4.7	22
30	VERITAS OBSERVATIONS OF THE TeV BINARY LS I +61°303 DURING 2008-2010. <i>Astrophysical Journal</i> , 2011 , 738, 3	4.7	30
29	GAMMA-RAY OBSERVATIONS OF THE Be/PULSAR BINARY 1A 0535+262 DURING A GIANT X-RAY OUTBURST. <i>Astrophysical Journal</i> , 2011 , 733, 96	4.7	15
28	DISCOVERY OF TeV GAMMA-RAY EMISSION FROM TYCHO B SUPERNOVA REMNANT. <i>Astrophysical Journal Letters</i> , 2011 , 730, L20	7.9	143
27	SPECTRAL ENERGY DISTRIBUTION OF MARKARIAN 501: QUIESCENT STATE VERSUS EXTREME OUTBURST. <i>Astrophysical Journal</i> , 2011 , 729, 2	4.7	54
26	Detection of pulsed gamma rays above 100 GeV from the Crab pulsar. <i>Science</i> , 2011 , 334, 69-72	33.3	141
25	VERITAS: STATUS SUMMARY 2009. <i>International Journal of Modern Physics D</i> , 2010 , 19, 1003-1012	2.2	3
24	THE DISCOVERY OF BRAY EMISSION FROM THE BLAZAR RGB J0710+591. <i>Astrophysical Journal Letters</i> , 2010 , 715, L49-L55	7.9	59
23	DISCOVERY OF VERY HIGH ENERGY GAMMA RAYS FROM PKS 1424+240 AND MULTI-WAVELENGTH CONSTRAINTS ON ITS REDSHIFT. <i>Astrophysical Journal Letters</i> , 2010 , 708, L100-L106	7.9	55
22	DISCOVERY OF VARIABILITY IN THE VERY HIGH ENERGY BRAY EMISSION OF 1ES 1218+304 WITH VERITAS. <i>Astrophysical Journal Letters</i> , 2010 , 709, L163-L167	7.9	44
21	DISCOVERY OF VERY HIGH ENERGY BRAY EMISSION FROM THE SNR G54.1+0.3. <i>Astrophysical Journal Letters</i> , 2010 , 719, L69-L73	7.9	27
20	OBSERVATIONS OF THE SHELL-TYPE SUPERNOVA REMNANT CASSIOPEIA A AT TeV ENERGIES WITH VERITAS. <i>Astrophysical Journal</i> , 2010 , 714, 163-169	4.7	64

19	VERITAS 2008-2009 MONITORING OF THE VARIABLE GAMMA-RAY SOURCE M 87. <i>Astrophysical Journal</i> , 2010 , 716, 819-824	4-7	30
18	VERITAS SEARCH FOR VHE GAMMA-RAY EMISSION FROM DWARF SPHEROIDAL GALAXIES. <i>Astrophysical Journal</i> , 2010 , 720, 1174-1180	4-7	69
17	MULTIWAVELENGTH OBSERVATIONS OF A TeV-FLARE FROM W COMAE. <i>Astrophysical Journal</i> , 2009 , 707, 612-620	4-7	62
16	DISCOVERY OF VERY HIGH ENERGY GAMMA-RAY RADIATION FROM THE BL LAC 1ES 0806+524. <i>Astrophysical Journal</i> , 2009 , 690, L126-L129	4-7	40
15	THE 2008 MULTIWAVELENGTH CAMPAIGN OF THE TeV RADIO-GALAXY M 87. <i>International Journal of Modern Physics D</i> , 2009 , 18, 1493-1498	2-2	1
14	OBSERVATION OF EXTENDED VERY HIGH ENERGY EMISSION FROM THE SUPERNOVA REMNANT IC 443 WITH VERITAS. <i>Astrophysical Journal</i> , 2009 , 698, L133-L137	4-7	107
13	VERITAS OBSERVATIONS OF A VERY HIGH ENERGY GAMMA-RAY FLARE FROM THE BLAZAR 3C 66A. <i>Astrophysical Journal</i> , 2009 , 693, L104-L108	4-7	70
12	THE JUNE 2008 FLARE OF MARKARIAN 421 FROM OPTICAL TO TeV ENERGIES. <i>Astrophysical Journal</i> , 2009 , 691, L13-L19	4-7	74
11	SIMULTANEOUS MULTIWAVELENGTH OBSERVATIONS OF MARKARIAN 421 DURING OUTBURST. <i>Astrophysical Journal</i> , 2009 , 703, 169-178	4-7	48
10	Radio imaging of the very-high-energy gamma-ray emission region in the central engine of a radio galaxy. <i>Science</i> , 2009 , 325, 444-8	33-3	156
9	EVIDENCE FOR LONG-TERM GAMMA-RAY AND X-RAY VARIABILITY FROM THE UNIDENTIFIED TeV SOURCE HESS J0632+057. <i>Astrophysical Journal</i> , 2009 , 698, L94-L97	4-7	36
8	MULTIWAVELENGTH OBSERVATIONS OF LS I +61°303 WITH VERITAS, SWIFT, AND RXTE. <i>Astrophysical Journal</i> , 2009 , 700, 1034-1041	4-7	30
7	VERITAS UPPER LIMIT ON THE VERY HIGH ENERGY EMISSION FROM THE RADIO GALAXY NGC 1275. <i>Astrophysical Journal</i> , 2009 , 706, L275-L280	4-7	23
6	DETECTION OF EXTENDED VHE GAMMA RAY EMISSION FROM G106.3+2.7 WITH VERITAS. <i>Astrophysical Journal</i> , 2009 , 703, L6-L9	4-7	36
5	VERITAS OBSERVATIONS OF THE BL LAC OBJECT 1ES 1218+304. <i>Astrophysical Journal</i> , 2009 , 695, 1370-1375	4-7	43
4	VERITAS Observations of Extragalactic Non-Blazars 2008 ,		2
3	Status of the VERITAS Observatory 2008 ,		34
2	VERITAS Discovery of >200 GeV Gamma-Ray Emission from the Intermediate-Frequency-Peaked BL Lacertae Object W Comae. <i>Astrophysical Journal</i> , 2008 , 684, L73-L77	4-7	72

1 VERITAS Observations of the $\bar{\nu}$ Ray Binary LS I +61 303. *Astrophysical Journal*, **2008**, 679, 1427-1432 4.7 116