

# Pak-Hin Thomas Tam

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,790  
citations

304743

22  
h-index

276875

41  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2466  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh-energy photons up to 1.4 petaelectronvolts from 12 $\hat{\beta}$ -ray Galactic sources. <i>Nature</i> , 2021, 594, 33-36.	27.8	262
2	Search for TeV Gamma-ray Emission from GRB 100621A, an extremely bright GRB in X-rays, with H.E.S.S.. <i>Astronomy and Astrophysics</i> , 2014, 565, A16.	5.1	174
3	MULTI-WAVELENGTH EMISSIONS FROM THE MILLISECOND PULSAR BINARY PSR J1023+0038 DURING AN ACCRETION ACTIVE STATE. <i>Astrophysical Journal</i> , 2014, 785, 131.	4.5	90
4	Revealing x-ray and gamma ray temporal and spectral similarities in the GRB 190829A afterglow. <i>Science</i> , 2021, 372, 1081-1085.	12.6	86
5	Peta-electron volt gamma-ray emission from the Crab Nebula. <i>Science</i> , 2021, 373, 425-430.	12.6	86
6	DISCOVERY OF GeV $\hat{\beta}$ -RAY EMISSION FROM PSR B1259-63/LS 2883. <i>Astrophysical Journal Letters</i> , 2011, 736, L10.	8.3	74
7	Extended Very-High-Energy Gamma-Ray Emission Surrounding PSR $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{J} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0622 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 3749 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle$ Observed by LHAASO-KM2A. <i>Physical Review Letters</i> , 2021, 126, 241103.	7.8	73
8	Observation of the Crab Nebula with LHAASO-KM2A $\hat{\alpha}$ ' a performance study *. <i>Chinese Physics C</i> , 2021, 45, 025002.	3.7	67
9	DISCOVERY OF GeV EMISSION FROM THE DIRECTION OF THE LUMINOUS INFRARED GALAXY NGC 2146. <i>Astrophysical Journal</i> , 2014, 794, 26.	4.5	52
10	DISCOVERY OF AN UNIDENTIFIED <i>FERMI</i> OBJECT AS A BLACK WIDOW-LIKE MILLISECOND PULSAR. <i>Astrophysical Journal Letters</i> , 2012, 747, L3.	8.3	48
11	EVIDENCE FOR GAMMA-RAY EMISSION FROM THE LOW-MASS X-RAY BINARY SYSTEM FIRST J102347.6+003841. <i>Astrophysical Journal Letters</i> , 2010, 724, L207-L211.	8.3	45
12	DISCOVERY OF AN EXTRA HARD SPECTRAL COMPONENT IN THE HIGH-ENERGY AFTERGLOW EMISSION OF GRB 130427A. <i>Astrophysical Journal Letters</i> , 2013, 771, L13.	8.3	45
13	HIGH-ENERGY EMISSION OF GRB 130427A: EVIDENCE FOR INVERSE COMPTON RADIATION. <i>Astrophysical Journal</i> , 2013, 776, 95.	4.5	41
14	<i>NuSTAR</i> OBSERVATIONS AND BROADBAND SPECTRAL ENERGY DISTRIBUTION MODELING OF THE MILLISECOND PULSAR BINARY PSR J1023+0038. <i>Astrophysical Journal</i> , 2014, 797, 111.	4.5	38
15	X-Ray Census of Millisecond Pulsars in the Galactic Field. <i>Astrophysical Journal</i> , 2018, 864, 23.	4.5	34
16	High-energy Emissions from the Pulsar/Be Binary System PSR J2032+4127/MT91 213. <i>Astrophysical Journal</i> , 2017, 836, 241.	4.5	32
17	Peculiar Prompt Emission and Afterglow in the H.E.S.S.-detected GRB 190829A. <i>Astrophysical Journal</i> , 2020, 898, 42.	4.5	32
18	MEASURING THE BULK LORENTZ FACTORS OF GAMMA-RAY BURSTS WITH <i>FERMI</i> . <i>Astrophysical Journal</i> , 2015, 806, 194.	4.5	31

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19	Discovery of the Ultrahigh-energy Gamma-Ray Source LHAASO J2108+5157. <i>Astrophysical Journal Letters</i> , 2021, 919, L22.	8.3	28
20	<i>FERMI</i> -LAT DETECTION OF PULSED GAMMA-RAYS ABOVE 50 GeV FROM THE VELA PULSAR. <i>Astrophysical Journal Letters</i> , 2014, 797, L13.	8.3	27
21	HIGH-ENERGY OBSERVATIONS OF PSR B1259â€“63/LS 2883 THROUGH THE 2014 PERIASTRON PASSAGE: CONNECTING X-RAYS TO THE GeV FLARE. <i>Astrophysical Journal Letters</i> , 2015, 798, L26.	8.3	26
22	DISCOVERY OF AN ULTRACOMPACT GAMMA-RAY MILLISECOND PULSAR BINARY CANDIDATE. <i>Astrophysical Journal Letters</i> , 2014, 794, L22.	8.3	23
23	HIGH-ENERGY EMISSIONS FROM THE GAMMA-RAY BINARY LS 5039. <i>Astrophysical Journal</i> , 2014, 790, 18.	4.5	22
24	EXPLORING THE INTRABINARY SHOCK FROM THE REDBACK MILLISECOND PULSAR PSR J2129-0429. <i>Astrophysical Journal Letters</i> , 2015, 801, L27.	8.3	22
25	Swift, XMM-Newton, and NuSTAR Observations of PSR J2032+4127/MT91 213. <i>Astrophysical Journal</i> , 2017, 843, 85.	4.5	22
26	Mode Change of a Gamma-Ray Pulsar, PSR J2021+4026. <i>Astrophysical Journal</i> , 2017, 842, 53.	4.5	21
27	Discovery of a New Gamma-Ray Source, LHAASO J0341+5258, with Emission up to 200 TeV. <i>Astrophysical Journal Letters</i> , 2021, 917, L4.	8.3	21
28	The Hour-timescale GeV Flares of PSR B1259â€“63 in 2017. <i>Astrophysical Journal</i> , 2018, 862, 165.	4.5	19
29	Exploring Lorentz Invariance Violation from Ultrahigh-Energy $\gamma$ Rays Observed by LHAASO. <i>Physical Review Letters</i> , 2022, 128, 051102.	7.8	19
30	EXPLORING THE X-RAY AND $\gamma$ -RAY PROPERTIES OF THE REDBACK MILLISECOND PULSAR PSR J1723â€“2837. <i>Astrophysical Journal Letters</i> , 2014, 781, L21.	8.3	18
31	Construction and on-site performance of the LHAASO WFCTA camera. <i>European Physical Journal C</i> , 2021, 81, 1.	3.9	18
32	Lepton Acceleration in the Vicinity of the Event Horizon: Very High Energy Emissions from Supermassive Black Holes. <i>Astrophysical Journal</i> , 2017, 845, 77.	4.5	17
33	SEARCHES FOR MILLISECOND PULSAR CANDIDATES AMONG THE UNIDENTIFIED<i>FERMI</i> OBJECTS. <i>Astrophysical Journal</i> , 2015, 809, 68.	4.5	16
34	On the Orbital Properties of Millisecond Pulsar Binaries. <i>Astrophysical Journal</i> , 2018, 864, 30.	4.5	15
35	Search for GeV Counterparts to Fast Radio Bursts with Fermi. <i>Astrophysical Journal Letters</i> , 2017, 842, L8.	8.3	14
36	Repeated State Change of Variable Gamma-Ray Pulsar PSR J2021+4026. <i>Astrophysical Journal</i> , 2020, 890, 16.	4.5	12

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37	A NuSTAR Observation of the Gamma-Ray Emitting Millisecond Pulsar PSR J1723â€“2837. <i>Astrophysical Journal</i> , 2017, 839, 130.	4.5	11
38	The X-Ray Modulation of PSR J2032+4127/MT91 213 during the Periastron Passage in 2017. <i>Astrophysical Journal</i> , 2018, 857, 123.	4.5	11
39	FERMILARGE AREA TELESCOPE OBSERVATIONS OF GRB 110625A. <i>Astrophysical Journal</i> , 2012, 754, 117.	4.5	9
40	GRB 131231A: IMPLICATIONS OF THE GeV EMISSION. <i>Astrophysical Journal Letters</i> , 2014, 787, L6.	8.3	9
41	AN INVERSE COMPTON ORIGIN FOR THE 55 GeV PHOTON IN THE LATE AFTERGLOW OF GRB 130907A. <i>Astrophysical Journal</i> , 2014, 788, 156.	4.5	8
42	MAGICal GRB 190114C: Implications of Cutoff in the Spectrum at sub-GeV Energies. <i>Astrophysical Journal</i> , 2020, 903, 9.	4.5	8
43	Searching for High-energy, Horizon-scale Emissions from Galactic Black Hole Transients during Quiescence. <i>Astrophysical Journal</i> , 2017, 845, 40.	4.5	7
44	An Evolving GeV Spectrum from Prompt to Afterglow: The Case of GRB 160509A. <i>Astrophysical Journal Letters</i> , 2017, 844, L7.	8.3	7
45	Rapid X-Ray Variations of the Geminga Pulsar Wind Nebula. <i>Astrophysical Journal</i> , 2017, 846, 116.	4.5	6
46	Broad-band high-energy emissions of the redback millisecond pulsar PSR J2129â€“0429. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 3987-3993.	4.4	6
47	Gamma-Ray Emission of the Kes 73/1E 1841-045 Region Observed with the Fermi Large Area Telescope. <i>Astrophysical Journal</i> , 2017, 837, 69.	4.5	5
48	Evidence of a Spectral Break in the Gamma-Ray Emission of the Disk Component of the Large Magellanic Cloud: A Hadronic Origin?. <i>Astrophysical Journal</i> , 2017, 843, 42.	4.5	5
49	Investigation of the High-energy Emission from the Magnetar-like Pulsar PSR J1119â€“6127 after the 2016 Outburst. <i>Astrophysical Journal</i> , 2018, 866, 6.	4.5	5
50	Is the SNR HESS J1731-347 Colliding with Molecular Clouds?. <i>Astrophysical Journal</i> , 2019, 887, 47.	4.5	5
51	HIGH ENERGY EMISSION OF GRB 130821A: CONSTRAINING THE DENSITY PROFILE OF THE CIRCUM-BURST MEDIUM AS WELL AS THE INITIAL LORENTZ FACTOR OF THE OUTFLOW. <i>Astrophysical Journal</i> , 2014, 781, 74.	4.5	4
52	Periodicity Search for Pulsar Binaries with TESS. <i>Astrophysical Journal Letters</i> , 2020, 895, L36.	8.3	4
53	A Multiwavelength Study of the $\hat{\Gamma}^3$ -Ray Binary Candidate HESS J1832â€“093. <i>Astrophysical Journal</i> , 2020, 899, 75.	4.5	3
54	Spatially Decomposed $\hat{\Gamma}^3$ -Ray Features Surrounding Supernova Remnant Kes 79 and PSR J1853+0056. <i>Astrophysical Journal</i> , 2022, 928, 89.	4.5	3

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55	X-Ray Spectral Evolution of PSR J2032+4127 during the 2017 Periastron Passage. <i>Astrophysical Journal</i> , 2019, 882, 25.	4.5	2
56	A dynamic range extension system for LHAASO WCDA-1. <i>Radiation Detection Technology and Methods</i> , 2021, 5, 520-530.	0.8	1
57	Line-of-shower trigger method to lower energy threshold for GRB detection using LHAASO-WCDA. <i>Radiation Detection Technology and Methods</i> , 2021, 5, 531.	0.8	1
58	THE VERY BRIGHT AND NEARBY GRB130427A: THE EXTRA HARD SPECTRAL COMPONENT AND IMPLICATIONS FOR VERY HIGH-ENERGY GAMMA-RAY OBSERVATIONS OF GAMMA-RAY BURSTS. <i>International Journal of Modern Physics Conference Series</i> , 2014, 28, 1460174.	0.7	0
59	Design and Testing of the Front-End Electronics of WCDA in LHAASO. <i>IEEE Transactions on Nuclear Science</i> , 2021, 68, 2257-2267.	2.0	0
60	Searching for an additional high-energy component in Fermi-LAT GRB afterglows. <i>Astronomy and Astrophysics</i> , 0, , .	5.1	0