

Aya Bamba

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

278
citations

933447

10
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	X-Ray Measurements of the Particle Acceleration Properties at Inward Shocks in Cassiopeia A. <i>Astrophysical Journal</i> , 2018, 853, 46.	4.5	45
2	TWO DISTINCT-ABSORPTION X-RAY COMPONENTS FROM TYPE II _n SUPERNOVAE: EVIDENCE FOR ASPHERICITY IN THE CIRCUMSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2016, 832, 194.	4.5	27
3	The Transition from Young to Middle-aged Supernova Remnants: Thermal and Nonthermal Aspects of SNR N132D. <i>Astrophysical Journal</i> , 2018, 854, 71.	4.5	26
4	Discovery of Molecular and Atomic Clouds Associated with the Gamma-Ray Supernova Remnant Kesteven 79. <i>Astrophysical Journal</i> , 2018, 864, 161.	4.5	21
5	Evidence for Rapid Adiabatic Cooling as an Origin of the Recombining Plasma in the Supernova Remnant W49B Revealed by NuSTAR Observations. <i>Astrophysical Journal Letters</i> , 2018, 868, L35.	8.3	21
6	X-Ray Emission from the PeVatron-candidate Supernova Remnant G106.3+2.7. <i>Astrophysical Journal</i> , 2021, 912, 133.	4.5	18
7	X-RAY AND ROTATIONAL LUMINOSITY CORRELATION AND MAGNETIC HEATING OF RADIO PULSARS. <i>Astrophysical Journal</i> , 2016, 833, 59.	4.5	17
8	ALMA CO Observations of Gamma-Ray Supernova Remnant N132D in the Large Magellanic Cloud: Possible Evidence for Shocked Molecular Clouds Illuminated by Cosmic-Ray Protons. <i>Astrophysical Journal</i> , 2020, 902, 53.	4.5	16
9	Prospects for Cherenkov Telescope Array Observations of the Young Supernova Remnant RX J1713.7-3946. <i>Astrophysical Journal</i> , 2017, 840, 74.	4.5	14
10	NuSTAR Detection of Nonthermal Bremsstrahlung from the Supernova Remnant W49B. <i>Astrophysical Journal Letters</i> , 2018, 866, L26.	8.3	14
11	A SYSTEMATIC STUDY OF THE THERMAL AND NONTHERMAL EMISSION IN THE SUPERNOVA REMNANT RCW 86 WITH SUZAKU. <i>Astrophysical Journal</i> , 2017, 835, 34.	4.5	10
12	Multi-year X-Ray Variations of Iron-K and Continuum Emissions in the Young Supernova Remnant Cassiopeia A. <i>Astrophysical Journal</i> , 2017, 836, 225.	4.5	10
13	Quantitative Age Estimation of Supernova Remnants and Associated Pulsars. <i>Astrophysical Journal</i> , 2021, 914, 103.	4.5	10
14	Spatially Resolved RGS Analysis of Keplerâ€™s Supernova Remnant. <i>Astrophysical Journal</i> , 2021, 915, 42.	4.5	9
15	Uniform Distribution of the Extremely Overionized Plasma Associated with the Supernova Remnant G359.1-0.5. <i>Astrophysical Journal</i> , 2020, 893, 147.	4.5	9
16	Detection of the hard X-ray non-thermal emission from Keplerâ€™s supernova remnant. <i>Publication of the Astronomical Society of Japan</i> , 2021, 73, 302-312.	2.5	6
17	Observational Constraints on the Maximum Energies of Accelerated Particles in Supernova Remnants: Low Maximum Energies and a Large Variety. <i>Astrophysical Journal</i> , 2022, 924, 45.	4.5	4
18	Associated Molecular and Atomic Clouds with X-Ray Shell of Superbubble 30 Doradus C in the LMC. <i>Astrophysical Journal</i> , 2021, 918, 36.	4.5	1

#	ARTICLE	IF	CITATIONS
19	Low X-ray Efficiency of a Young High-B Pulsar PSR J1208âˆ’6238 Observed with Chandra. Astrophysics and Space Science, 2020, 365, 1.	1.4	0