

Kat Barger

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,278
citations

687363

13
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

4776
citing authors

#	ARTICLE	IF	CITATIONS
1	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. <i>Astronomical Journal</i> , 2017, 154, 28.	4.7	1,100
2	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
3	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	7.7	406
4	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	7.7	405
5	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
6	WARM IONIZED GAS REVEALED IN THE MAGELLANIC BRIDGE TIDAL REMNANT: CONSTRAINING THE BARYON CONTENT AND THE ESCAPING IONIZING PHOTONS AROUND DWARF GALAXIES. <i>Astrophysical Journal</i> , 2013, 771, 132.	4.5	36
7	Chemical Abundances in the Leading Arm of the Magellanic Stream. <i>Astrophysical Journal</i> , 2018, 854, 142.	4.5	22
8	PRESENT-DAY GALACTIC EVOLUTION: LOW-METALLICITY, WARM, IONIZED GAS INFLOW ASSOCIATED WITH HIGH-VELOCITY CLOUD COMPLEX A. <i>Astrophysical Journal</i> , 2012, 761, 145.	4.5	20
9	Revealing the Ionization Properties of the Magellanic Stream Using Optical Emission. <i>Astrophysical Journal</i> , 2017, 851, 110.	4.5	20
10	DOWN-THE-BARREL AND TRANSVERSE OBSERVATIONS OF THE LARGE MAGELLANIC CLOUD: EVIDENCE FOR A SYMMETRIC GALACTIC WIND ON THE NEAR AND FAR SIDES OF THE GALAXY. <i>Astrophysical Journal</i> , 2016, 817, 91.	4.5	19
11	Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy. <i>Astrophysical Journal</i> , 2017, 846, 141.	4.5	17
12	OBSERVED LIMITS ON CHARGE EXCHANGE CONTRIBUTIONS TO THE DIFFUSE X-RAY BACKGROUND. <i>Astrophysical Journal</i> , 2012, 758, 143.	4.5	14
13	New Constraints on the Nature and Origin of the Leading Arm of the Magellanic Stream. <i>Astrophysical Journal</i> , 2018, 865, 145.	4.5	14
14	Kinematics of the Magellanic Stream and Implications for Its Ionization*. <i>Astrophysical Journal</i> , 2020, 897, 23.	4.5	12
15	The Superconducting Transition in 4-D: Temperature, Current, Resistance and Heat Capacity. <i>Journal of Low Temperature Physics</i> , 2008, 151, 190-194.	1.4	11
16	Warm Ionized Medium throughout the Sagittarius–Carina Arm. <i>Astrophysical Journal</i> , 2017, 838, 43.	4.5	11
17	Project AMIGA: Distance and Metallicity Gradients along Andromeda's Giant Southern Stream from the Red Clump. <i>Astronomical Journal</i> , 2018, 156, 230.	4.7	11
18	The Diffuse Ionized Gas Halo of the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2019, 887, 16.	4.5	8

#	ARTICLE	IF	CITATIONS
19	Exploring Hydrodynamic Instabilities along the Infalling High-velocity Cloud Complex A. <i>Astrophysical Journal</i> , 2020, 902, 154.	4.5	8
20	H α Distances to the Leading Arm of the Magellanic Stream. <i>Astrophysical Journal</i> , 2020, 891, 176.	4.5	7
21	Accurate Thermal Conductance and Impedance Measurements of Transition Edge Sensors. <i>Journal of Low Temperature Physics</i> , 2008, 151, 180-184.	1.4	6
22	Mapping the Supernovae Driven Winds of the Large Magellanic Cloud in H α Emission I. <i>Astrophysical Journal</i> , 2021, 908, 62.	4.5	5
23	Environmental Influences on Star Formation in Low-mass Galaxies Observed by the SDSS-IV/MaNGA Survey. <i>Astrophysical Journal</i> , 2020, 894, 57.	4.5	1