Kat Barger

List of Publications by Year in descending order

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	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. Astrophysical Journal, Supplement Series, 2022, 259, 35.	7.7	405
2	Mapping the Supernovae Driven Winds of the Large Magellanic Cloud in HÎ± Emission I. Astrophysical Journal, 2021, 908, 62.	4.5	5
3	HÎ± Distances to the Leading Arm of the Magellanic Stream. Astrophysical Journal, 2020, 891, 176.	4.5	7
4	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. Astrophysical Journal, Supplement Series, 2020, 249, 3.	7.7	826
5	Exploring Hydrodynamic Instabilities along the Infalling High-velocity Cloud Complex A. Astrophysical Journal, 2020, 902, 154.	4.5	8
6	Environmental Influences on Star Formation in Low-mass Galaxies Observed by the SDSS-IV/MaNGA Survey. Astrophysical Journal, 2020, 894, 57.	4.5	1
7	Kinematics of the Magellanic Stream and Implications for Its Ionization*. Astrophysical Journal, 2020, 897, 23.	4.5	12
8	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. Astrophysical Journal, Supplement Series, 2019, 240, 23.	7.7	299
9	The Diffuse Ionized Gas Halo of the Small Magellanic Cloud. Astrophysical Journal, 2019, 887, 16.	4.5	8
10	Chemical Abundances in the Leading Arm of the Magellanic Stream^{â^—}. Astrophysical Journal, 2018, 854, 142.	4.5	22
11	New Constraints on the Nature and Origin of the Leading Arm of the Magellanic Stream. Astrophysical Journal, 2018, 865, 145.	4.5	14
12	Project AMIGA: Distance and Metallicity Gradients along Andromedaâ€™s Giant Southern Stream from the Red Clump^{â^—}. Astronomical Journal, 2018, 156, 230.	4.7	11
13	Warm Ionized Medium throughout the Sagittariusâ€“Carina Arm. Astrophysical Journal, 2017, 838, 43.	4.5	11
14	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. Astrophysical Journal, Supplement Series, 2017, 233, 25.	7.7	406
15	Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy. Astrophysical Journal, 2017, 846, 141.	4.5	17
16	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
17	Revealing the Ionization Properties of the Magellanic Stream Using Optical Emission. Astrophysical Journal, 2017, 851, 110.	4.5	20
18	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. Astrophysical Journal, 2016, 817, 91.	4.5	19

#	Article	IF	Citations
19	WARM IONIZED GAS REVEALED IN THE MAGELLANIC BRIDGE TIDAL REMNANT: CONSTRAINING THE BARYON CONTENT AND THE ESCAPING IONIZING PHOTONS AROUND DWARF GALAXIES. Astrophysical Journal, 2013, 771, 132.	4.5	36
20	PRESENT-DAY GALACTIC EVOLUTION: LOW-METALLICITY, WARM, IONIZED GAS INFLOW ASSOCIATED WITH HIGH-VELOCITY CLOUD COMPLEX A. Astrophysical Journal, 2012, 761, 145.	4.5	20
21	OBSERVED LIMITS ON CHARGE EXCHANGE CONTRIBUTIONS TO THE DIFFUSE X-RAY BACKGROUND. Astrophysical Journal, 2012, 758, 143.	4.5	14
22	Accurate Thermal Conductance and Impedance Measurements of Transition Edge Sensors. Journal of Low Temperature Physics, 2008, 151, 180-184.	1.4	6
23	The Superconducting Transition in 4-D: Temperature, Current, Resistance and Heat Capacity. Journal of Low Temperature Physics, 2008, 151, 190-194.	1.4	11