

Joshua Peek

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,801
citations

159525

30
h-index

175177

52
g-index

65
all docs

65
docs citations

65
times ranked

3239
citing authors

#	ARTICLE	IF	CITATIONS
1	Burton's Curse: The Impact of Bulk Flows on the Galactic Longitude Velocity Diagram and the Illusion of a Continuous Perseus Arm. <i>Astrophysical Journal</i> , 2022, 925, 201.	1.6	11
2	Extending the SAGA Survey (xSAGA). I. Satellite Radial Profiles as a Function of Host-galaxy Properties. <i>Astrophysical Journal</i> , 2022, 927, 121.	1.6	11
3	Best Practices for Data Publication in the Astronomical Literature. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 5.	3.0	6
4	METAL: The Metal Evolution, Transport, and Abundance in the Large Magellanic Cloud Hubble Program. II. Variations of Interstellar Depletions and Dust-to-gas Ratio within the LMC. <i>Astrophysical Journal</i> , 2021, 910, 95.	1.6	21
5	The QuaStar Survey: Detecting Hidden Low-velocity Gas in the Milky Way's Circumgalactic Medium. <i>Astrophysical Journal</i> , 2021, 912, 8.	1.6	8
6	The Gas Content and Stripping of Local Group Dwarf Galaxies. <i>Astrophysical Journal</i> , 2021, 913, 53.	1.6	72
7	On the Three-dimensional Structure of Local Molecular Clouds. <i>Astrophysical Journal</i> , 2021, 919, 35.	1.6	33
8	Radial Motions and Radial Gas Flows in Local Spiral Galaxies. <i>Astrophysical Journal</i> , 2021, 923, 220.	1.6	25
9	Extracting the Cold Neutral Medium from H I Emission with Deep Learning: Implications for Galactic Foregrounds at High Latitude. <i>Astrophysical Journal</i> , 2020, 899, 15.	1.6	22
10	The H I Structure of the Local Volume Dwarf Galaxy Pisces A. <i>Astrophysical Journal</i> , 2020, 903, 59.	1.6	2
11	Characterizing the Circumgalactic Medium of the Lowest-mass Galaxies: A Case Study of IC 1613. <i>Astrophysical Journal</i> , 2020, 905, 133.	1.6	7
12	Do Androids Dream of Magnetic Fields? Using Neural Networks to Interpret the Turbulent Interstellar Medium. <i>Astrophysical Journal Letters</i> , 2019, 882, L12.	3.0	21
13	Revealing the Milky Way's Hidden Circumgalactic Medium with the Cosmic Origins Spectrograph Quasar Database for Galactic Absorption Lines. <i>Astrophysical Journal</i> , 2019, 871, 35.	1.6	27
14	The Physical Nature of Neutral Hydrogen Intensity Structure. <i>Astrophysical Journal</i> , 2019, 874, 171.	1.6	53
15	METAL: The Metal Evolution, Transport, and Abundance in the Large Magellanic Cloud Hubble Program. I. Overview and Initial Results. <i>Astrophysical Journal</i> , 2019, 871, 151.	1.6	27
16	The 3D Kinematics of Gas in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2019, 887, 267.	1.6	14
17	Small-scale H I Channel Map Structure Is Cold: Evidence from Na I Absorption at High Galactic Latitudes. <i>Astrophysical Journal Letters</i> , 2019, 886, L13.	3.0	17
18	The GALFA-H I Survey Data Release 2. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 2.	3.0	73

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19	Optically Thick H I Does Not Dominate Dark Gas in the Local ISM. <i>Astrophysical Journal</i> , 2018, 862, 131.	1.6	31
20	Kinetic Tomography. II. A Second Method for Mapping the Velocity Field of the Milky Way Interstellar Medium and a Comparison with Spiral Structure Models. <i>Astronomical Journal</i> , 2018, 156, 248.	1.9	13
21	Catching the Birth of a Dark Molecular Cloud for the First Time. <i>Astrophysical Journal</i> , 2018, 867, 13.	1.6	13
22	Where Are All of the Gas-bearing Local Dwarf Galaxies? Quantifying Possible Impacts of Reionization. <i>Astrophysical Journal</i> , 2018, 857, 45.	1.6	26
23	A Model for Data Citation in Astronomical Research Using Digital Object Identifiers (DOIs). <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 20.	3.0	6
24	Lucky Star: Confirming the Distance to USNO-A0600-15865535 and High-velocity Cloud Complex WD. <i>Research Notes of the AAS</i> , 2018, 2, 59.	0.3	0
25	KINETIC TOMOGRAPHY. I. A METHOD FOR MAPPING THE MILKY WAY'S INTERSTELLAR MEDIUM IN FOUR DIMENSIONS. <i>Astronomical Journal</i> , 2017, 153, 8.	1.9	14
26	The Discovery and Origin of a Very High-velocity Cloud Toward M33. <i>Astrophysical Journal</i> , 2017, 840, 65.	1.6	2
27	Mapping the Extinction Curve in 3D: Structure on Kiloparsec Scales. <i>Astrophysical Journal</i> , 2017, 838, 36.	1.6	33
28	Calibration of Ultraviolet, Mid-infrared, and Radio Star Formation Rate Indicators. <i>Astrophysical Journal</i> , 2017, 847, 136.	1.6	50
29	HST/COS OBSERVATIONS OF IONIZED GAS ACCRETION AT THE DISK-HALO INTERFACE OF M33. <i>Astrophysical Journal</i> , 2017, 834, 179.	1.6	34
30	THE FIRST DISTANCE CONSTRAINT ON THE RENEGADE HIGH-VELOCITY CLOUD COMPLEX WD. <i>Astrophysical Journal Letters</i> , 2016, 828, L20.	3.0	7
31	THE OPTICAL-INFRARED EXTINCTION CURVE AND ITS VARIATION IN THE MILKY WAY. <i>Astrophysical Journal</i> , 2016, 821, 78.	1.6	185
32	Three-dimensional orientation of compact high velocity clouds. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 462, L46-L50.	1.2	3
33	A HIGH-VELOCITY CLOUD IMPACT FORMING A SUPERSHELL IN THE MILKY WAY. <i>Astrophysical Journal Letters</i> , 2016, 827, L27.	3.0	11
34	Neutral Hydrogen Structures Trace Dust Polarization Angle: Implications for Cosmic Microwave Background Foregrounds. <i>Physical Review Letters</i> , 2015, 115, 241302.	2.9	90
35	DUST IN THE CIRCUMGALACTIC MEDIUM OF LOW-REDSHIFT GALAXIES. <i>Astrophysical Journal</i> , 2015, 813, 7.	1.6	64
36	FINDING GAS-RICH DWARF GALAXIES BETRAYED BY THEIR ULTRAVIOLET EMISSION. <i>Astrophysical Journal</i> , 2015, 808, 136.	1.6	9

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37	THE CIRCUMGALACTIC MEDIUM OF THE MILKY WAY IS HALF HIDDEN. <i>Astrophysical Journal</i> , 2015, 807, 103.	1.6	40
38	REVISITING THE LOCAL LEO COLD CLOUD AND REVISED CONSTRAINTS ON THE LOCAL HOT BUBBLE. <i>Astrophysical Journal</i> , 2015, 806, 119.	1.6	12
39	Dust-to-gas ratios of the GALFA-H I Compact Cloud Catalog. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2266-2272.	1.6	9
40	MAGNETICALLY ALIGNED H I FIBERS AND THE ROLLING HOUGH TRANSFORM. <i>Astrophysical Journal</i> , 2014, 789, 82.	1.6	170
41	AN ATLAS OF GALAXY SPECTRAL ENERGY DISTRIBUTIONS FROM THE ULTRAVIOLET TO THE MID-INFRARED. <i>Astrophysical Journal, Supplement Series</i> , 2014, 212, 18.	3.0	191
42	GASKAP—The Galactic ASKAP Survey. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	1.3	63
43	A COMPARISON OF FAR-IR AND H I AS REDDENING PREDICTORS AT HIGH GALACTIC LATITUDE. <i>Astrophysical Journal Letters</i> , 2013, 766, L6.	3.0	11
44	ULTRAVIOLET EXTINCTION AT HIGH GALACTIC LATITUDES. <i>Astrophysical Journal</i> , 2013, 771, 68.	1.6	43
45	CHARACTERIZING THE TURBULENT PROPERTIES OF THE STARLESS MOLECULAR CLOUD MBM 16. <i>Astrophysical Journal</i> , 2013, 779, 36.	1.6	19
46	H I SHELLS AND SUPERSHELLS IN THE I-GALFA H I 21 cm LINE SURVEY. I. FAST-EXPANDING H I SHELLS ASSOCIATED WITH SUPERNOVA REMNANTS. <i>Astrophysical Journal</i> , 2013, 777, 14.	1.6	33
47	THE REMARKABLE HIGH PRESSURE OF THE LOCAL LEO COLD CLOUD. <i>Astrophysical Journal</i> , 2012, 752, 119.	1.6	24
48	THE GALFA-H I COMPACT CLOUD CATALOG. <i>Astrophysical Journal</i> , 2012, 758, 44.	1.6	57
49	GAS ACCRETION IS DOMINATED BY WARM IONIZED GAS IN MILKY WAY MASS GALAXIES AT $z < 0.4$. <i>Astrophysical Journal</i> , 2012, 759, 137.	1.6	54
50	A HIGH-RESOLUTION STUDY OF THE H I H_{2} TRANSITION ACROSS THE PERSEUS MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2012, 748, 75.	1.6	68
51	THE LOCAL LEO COLD CLOUD AND NEW LIMITS ON A LOCAL HOT BUBBLE. <i>Astrophysical Journal</i> , 2011, 735, 129.	1.6	52
52	THE GALFA-HI SURVEY: DATA RELEASE 1. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 20.	3.0	175
53	PHYSICAL PROPERTIES OF COMPLEX C HALO CLOUDS. <i>Astronomical Journal</i> , 2011, 141, 57.	1.9	31
54	VELOCITY SPECTRUM FOR H I AT HIGH LATITUDES. <i>Astrophysical Journal</i> , 2010, 714, 1398-1406.	1.6	91

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55	A CORRECTION TO THE STANDARD GALACTIC REDDENING MAP: PASSIVE GALAXIES AS STANDARD CRAYONS. <i>Astrophysical Journal</i> , 2010, 719, 415-424.	1.6	64
56	LOW-VELOCITY HALO CLOUDS. <i>Astrophysical Journal</i> , 2009, 692, 827-838.	1.6	36
57	HITTING THE BULL'S-EYE: THE RADIAL PROFILE OF ACCRETION AND STAR FORMATION IN THE MILKY WAY. <i>Astrophysical Journal</i> , 2009, 698, 1429-1436.	1.6	22
58	THE DISRUPTION AND FUELING OF M33. <i>Astrophysical Journal</i> , 2009, 703, 1486-1501.	1.6	104
59	Ongoing Galactic Accretion: Simulations and Observations of Condensed Gas in Hot Halos. <i>Astrophysical Journal</i> , 2008, 674, 227-236.	1.6	58
60	An Accurate Distance to High-Velocity Cloud Complex C. <i>Astrophysical Journal</i> , 2008, 684, 364-372.	1.6	111
61	A Parallactic Distance of ~ 1.5 kpc to the High-Velocity Cloud Complex C. <i>Astrophysical Journal</i> , 2008, 684, 373-382.	1.6	133
62	Reconstructing Deconstruction: High-Velocity Cloud Distance through Disruption Morphology. <i>Astrophysical Journal</i> , 2007, 656, 907-913.	1.6	45
63	A Cold Nearby Cloud inside the Local Bubble. <i>Astrophysical Journal</i> , 2006, 650, L67-L70.	1.6	43
64	Optimal geometry for neutral-beam-based optical diagnostics in tokamaks. <i>Review of Scientific Instruments</i> , 1995, 66, 5638-5639.	0.6	1