

Jeffrey Carlin

List of Publications by Year in descending order

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79
papers

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147786

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4736
citing authors

#	ARTICLE	IF	CITATIONS
1	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	4.5	1,744
2	LAMOST Experiment for Galactic Understanding and Exploration (LEGUE) – The survey's science plan. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 735-754.	1.7	404
3	RINGS AND RADIAL WAVES IN THE DISK OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2015, 801, 105.	4.5	188
4	SUBSTRUCTURE IN BULK VELOCITIES OF MILKY WAY DISK STARS. <i>Astrophysical Journal Letters</i> , 2013, 777, L5.	8.3	122
5	Exploring Halo Substructure with Giant Stars: The Dynamics and Metallicity of the Dwarf Spheroidal in Boötes. <i>Astrophysical Journal</i> , 2006, 650, L51-L54.	4.5	112
6	Stellar Streams and Clouds in the Galactic Halo. <i>Astrophysics and Space Science Library</i> , 2016, , 87-112.	2.7	85
7	THE STELLAR KINEMATICS IN THE SOLAR NEIGHBORHOOD FROM LAMOST DATA. <i>Astrophysical Journal</i> , 2015, 809, 145.	4.5	83
8	THE K GIANT STARS FROM THE LAMOST SURVEY DATA. I. IDENTIFICATION, METALLICITY, AND DISTANCE. <i>Astrophysical Journal</i> , 2014, 790, 110.	4.5	76
9	FIRST RESULTS FROM THE MADCASH SURVEY: A FAINT DWARF GALAXY COMPANION TO THE LOW-MASS SPIRAL GALAXY NGC 2403 AT 3.2 MPC. <i>Astrophysical Journal Letters</i> , 2016, 828, L5.	8.3	72
10	A Deeper Look at the New Milky Way Satellites: Sagittarius II, Reticulum II, Phoenix II, and Tucana III. <i>Astrophysical Journal</i> , 2018, 863, 25.	4.5	71
11	The predicted luminous satellite populations around SMC- and LMC-mass galaxies – a missing satellite problem around the LMC?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 1060-1073.	4.4	62
12	THE FIRST HYPERVELOCITY STAR FROM THE LAMOST SURVEY. <i>Astrophysical Journal Letters</i> , 2014, 785, L23.	8.3	55
13	KINEMATICS AND CHEMISTRY OF STARS ALONG THE SAGITTARIUS TRAILING TIDAL TAIL AND CONSTRAINTS ON THE MILKY WAY MASS DISTRIBUTION. <i>Astrophysical Journal</i> , 2012, 744, 25.	4.5	53
14	Two Ultra-faint Milky Way Stellar Systems Discovered in Early Data from the DECam Local Volume Exploration Survey. <i>Astrophysical Journal</i> , 2020, 890, 136.	4.5	49
15	The DECam Local Volume Exploration Survey: Overview and First Data Release. <i>Astrophysical Journal, Supplement Series</i> , 2021, 256, 2.	7.7	47
16	KINEMATICS AND METALLICITIES IN THE BOÖTES III STELLAR OVERDENSITY: A DISRUPTED DWARF GALAXY?. <i>Astrophysical Journal</i> , 2009, 702, L9-L13.	4.5	46
17	Chandra Observations of Diffuse Gas and Luminous X-ray Sources around the “bright Elliptical Galaxy NGC 1600. <i>Astrophysical Journal</i> , 2004, 617, 262-280.	4.5	45
18	The Intrinsic Colors of RR Lyrae Variables: A Means to Determine Interstellar Reddening. <i>Publications of the Astronomical Society of the Pacific</i> , 2005, 117, 721-725.	3.1	44

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19	PROPER MOTIONS IN KAPTEYN SELECTED AREA 103: A PRELIMINARY ORBIT FOR THE VIRGO STELLAR STREAM. <i>Astrophysical Journal</i> , 2009, 701, L29-L33.	4.5	39
20	ON RINGS AND STREAMS IN THE GALACTIC ANTI-CENTER. <i>Astrophysical Journal</i> , 2012, 757, 151.	4.5	39
21	Mapping the Milky Way with LAMOST I: method and overview. <i>Research in Astronomy and Astrophysics</i> , 2017, 17, 096.	1.7	37
22	3D Asymmetrical motions of the Galactic outer disc with LAMOST K giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 2858-2866.	4.4	37
23	Identifying Sagittarius Stream Stars by Their APOGEE Chemical Abundance Signatures. <i>Astrophysical Journal</i> , 2019, 872, 58.	4.5	37
24	ESTIMATION OF DISTANCES TO STARS WITH STELLAR PARAMETERS FROM LAMOST. <i>Astronomical Journal</i> , 2015, 150, 4.	4.7	36
25	Deep Subaru Hyper Suprime-Cam Observations of Milky Way Satellites Columba I and Triangulum II. <i>Astronomical Journal</i> , 2017, 154, 267.	4.7	34
26	Chemical Abundances of Hydrostatic and Explosive Alpha-elements in Sagittarius Stream Stars. <i>Astrophysical Journal Letters</i> , 2018, 859, L10.	8.3	34
27	Fishing in Tidal Streams: New Radial Velocity and Proper Motion Constraints on the Orbit of the Anticenter Stream. <i>Astrophysical Journal</i> , 2008, 689, L117-L120.	4.5	33
28	KINEMATIC DISCOVERY OF A STELLAR STREAM LOCATED IN PISCES. <i>Astrophysical Journal Letters</i> , 2013, 765, L39.	8.3	33
29	Discovery of Distant RR Lyrae Stars in the Milky Way Using DECam. <i>Astrophysical Journal</i> , 2018, 855, 43.	4.5	33
30	Phase wrapping of epicyclic perturbations in the Wobbly Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 933-945.	4.4	32
31	Mapping the Galactic disc with the LAMOST and Gaia red clump sample: II. 3D asymmetrical kinematics of mono-age populations in the disc between $6 \leq l \leq 14$ kpc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 2104-2118.	4.4	32
32	THE ORIGIN OF THE VIRGO STELLAR SUBSTRUCTURE. <i>Astrophysical Journal</i> , 2012, 753, 145.	4.5	31
33	THE SHAPES OF MILKY WAY SATELLITES: LOOKING FOR SIGNATURES OF TIDAL STIRRING. <i>Astrophysical Journal</i> , 2012, 751, 61.	4.5	31
34	Mapping the Tidal Destruction of the Hercules Dwarf: A Wide-field DECam Imaging Search for RR Lyrae Stars. <i>Astrophysical Journal</i> , 2018, 852, 44.	4.5	31
35	SELECTING M GIANTS WITH INFRARED PHOTOMETRY: DISTANCES, METALLICITIES, AND THE SAGITTARIUS STREAM. <i>Astrophysical Journal</i> , 2016, 823, 59.	4.5	30
36	The site conditions of the Guo Shou Jing Telescope. <i>Research in Astronomy and Astrophysics</i> , 2012, 12, 772-780.	1.7	29

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37	<i>HUBBLE SPACE TELESCOPE</i> PROPER MOTIONS ALONG THE SAGITTARIUS STREAM. I. OBSERVATIONS AND RESULTS FOR STARS IN FOUR FIELDS. <i>Astrophysical Journal</i> , 2015, 803, 56.	4.5	29
38	BoÃtes III is a Disrupting Dwarf Galaxy Associated with the Styx Stellar Stream. <i>Astrophysical Journal</i> , 2018, 865, 7.	4.5	28
39	Discovery of an Ultra-faint Stellar System near the Magellanic Clouds with the DECam Local Volume Exploration Survey. <i>Astrophysical Journal</i> , 2021, 910, 18.	4.5	28
40	Mapping the Galactic Disk with the LAMOST and Gaia Red Clump Sample. VI. Evidence for the Long-lived Nonsteady Warp of Nongravitational Scenarios. <i>Astrophysical Journal</i> , 2020, 897, 119.	4.5	28
41	Tracing Kinematic and Chemical Properties of Sagittarius Stream by K-Giants, M-Giants, and BHB stars. <i>Astrophysical Journal</i> , 2019, 886, 154.	4.5	27
42	Mapping the Milky Way with LAMOST â€“ II. The stellar halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1244-1257.	4.4	26
43	Detecting the Sagittarius Stream with LAMOST DR4 M Giants and Gaia DR2. <i>Astrophysical Journal</i> , 2019, 874, 138.	4.5	25
44	APPLICATION OF THE SEGUE STELLAR PARAMETER PIPELINE TO LAMOST STELLAR SPECTRA. <i>Astronomical Journal</i> , 2015, 150, 187.	4.7	24
45	Eridanus IV: an Ultra-faint Dwarf Galaxy Candidate Discovered in the DECam Local Volume Exploration Survey. <i>Astrophysical Journal Letters</i> , 2021, 920, L44.	8.3	24
46	Hubble Space Telescope Observations of Two Faint Dwarf Satellites of Nearby LMC Analogs from MADCASH*. <i>Astrophysical Journal</i> , 2021, 909, 211.	4.5	23
47	Serendipitous Discovery of RR Lyrae Stars in the Leo V Ultra-faint Galaxy. <i>Astrophysical Journal Letters</i> , 2017, 845, L10.	8.3	22
48	Tidal Destruction in a Low-mass Galaxy Environment: The Discovery of Tidal Tails around DDO 44*. <i>Astrophysical Journal</i> , 2019, 886, 109.	4.5	21
49	A Deep Proper-Motion Survey in Kapteyn Selected Areas. I. Survey Description and First Results for Stars in the Tidal Tail of Sagittarius and in the Monoceros Ring. <i>Astronomical Journal</i> , 2006, 132, 2082-2098.	4.7	19
50	Value-added Catalogs of M-type Stars in LAMOST DR5. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 8.	7.7	19
51	Preparing for low surface brightness science with the Vera C. Rubin Observatory: Characterization of tidal features from mock images. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1459-1487.	4.4	19
52	Mapping the Galactic Disk with the LAMOST and Gaia Red Clump Sample. III. A New Velocity Substructure and Time Stamps of the Galactic Disk Asymmetry in the Disk between 12 and 15 kpc. <i>Astrophysical Journal</i> , 2019, 884, 135.	4.5	18
53	ÎCDM predictions for the satellite population of M33. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 1883-1897.	4.4	17
54	UPDATE ON THE CETUS POLAR STREAM AND ITS PROGENITOR. <i>Astrophysical Journal</i> , 2013, 776, 133.	4.5	16

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55	HUBBLE SPACE TELESCOPE PROPER MOTIONS OF INDIVIDUAL STARS IN STELLAR STREAMS: ORPHAN, SAGITTARIUS, LETHE, AND THE NEW "PARALLEL STREAM". <i>Astrophysical Journal</i> , 2016, 833, 235.	4.5	16
56	Signatures of Tidal Disruption in Ultra-faint Dwarf Galaxies: A Combined HST, Gaia, and MMT/Hectochelle Study of Leo V. <i>Astrophysical Journal</i> , 2019, 885, 53.	4.5	15
57	KINEMATICS IN KAPTEYN'S SELECTED AREA 76: ORBITAL MOTIONS WITHIN THE HIGHLY SUBSTRUCTURED ANTICENTER STREAM. <i>Astrophysical Journal</i> , 2010, 725, 2290-2311.	4.5	14
58	KINEMATICS OF STARS IN KAPTEYN SELECTED AREA 71: SAMPLING THE MONOCEROS AND SAGITTARIUS TIDAL STREAMS. <i>Astronomical Journal</i> , 2008, 135, 2013-2023.	4.7	13
59	A Map of the Local Velocity Substructure in the Milky Way Disk. <i>Astrophysical Journal</i> , 2017, 847, 123.	4.5	13
60	Hubble Space Telescope Imaging of Antlia B: Star Formation History and a New Tip of the Red Giant Branch Distance. <i>Astrophysical Journal</i> , 2020, 888, 31.	4.5	12
61	RED RUNAWAYS II: LOW-MASS HILLS STARS IN SDSS STRIPE 82. <i>Astrophysical Journal</i> , 2016, 832, 10.	4.5	11
62	Discovery of an extended, halo-like stellar population around the Large Magellanic Cloud. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 51-56.	0.0	10
63	A MEGACAM SURVEY OF OUTER HALO SATELLITES. IV. TWO FOREGROUND POPULATIONS POSSIBLY ASSOCIATED WITH THE MONOCEROS SUBSTRUCTURE IN THE DIRECTION OF NGC 2419 AND KOPOSOV 2. <i>Astrophysical Journal</i> , 2015, 805, 51.	4.5	9
64	Hyper Wide Field Imaging of the Local Group Dwarf Irregular Galaxy IC 1613: An Extended Component of Metal-poor Stars. <i>Astrophysical Journal</i> , 2019, 880, 104.	4.5	9
65	Exploring the Galactic Anticenter Substructure with LAMOST and Gaia DR2. <i>Astrophysical Journal</i> , 2021, 910, 46.	4.5	9
66	Variability in the 2MASS calibration fields: a search for transient obscuration events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2691-2716.	4.4	7
67	CHARACTERIZING THE SHARDS OF DISRUPTED MILKY WAY SATELLITES WITH LAMOST. <i>Astrophysical Journal</i> , 2016, 822, 16.	4.5	7
68	DELVE-ing into the Jet: A Thin Stellar Stream on a Retrograde Orbit at 30 kpc. <i>Astronomical Journal</i> , 2022, 163, 18.	4.7	7
69	Stellar Tidal Streams in External Galaxies. <i>Astrophysics and Space Science Library</i> , 2016, , 219-245.	2.7	6
70	RR Lyrae Stars in the Newly Discovered Ultra-faint Dwarf Galaxy Centaurus I*. <i>Astronomical Journal</i> , 2021, 162, 253.	4.7	6
71	DRAGraces: A Pipeline for the GRACES High-resolution Spectrograph at Gemini*. <i>Astronomical Journal</i> , 2021, 161, 109.	4.7	5
72	CENSUS OF BLUE STARS IN SDSS DR8. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 24.	7.7	3

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73	An orbit fit to likely Hermus Stream stars. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2419-2430.	4.4	3
74	Low-metallicity globular clusters in the low-mass isolated spiral galaxy NGC 2403. Monthly Notices of the Royal Astronomical Society, 2022, 512, 802-810.	4.4	2
75	New tidal debris nearby the Sagittarius leading tail from the LAMOST DR2 M giant stars. Research in Astronomy and Astrophysics, 2016, 16, 008.	1.7	1
76	Preliminary proper motion analysis of the Carina dwarf spheroidal. Proceedings of the International Astronomical Union, 2007, 3, 492-493.	0.0	0
77	The Stellar Age- <i>T</i> _{eff} -Kinematical Asymmetry in the Solar Neighborhood from LAMOST. Proceedings of the International Astronomical Union, 2015, 11, 354-355.	0.0	0
78	New Views From Galactoseismology: Rethinking the Galactic Disk-Halo Connection. Proceedings of the International Astronomical Union, 2017, 13, 185-188.	0.0	0
79	3D asymmetrical kinematics of mono-age populations from LAMOST and Gaia common red clump stars. Proceedings of the International Astronomical Union, 2019, 14, 19-21.	0.0	0