

Martin Landriau

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,479
citations

516710

16
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

2266
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the DESI Legacy Imaging Surveys. <i>Astronomical Journal</i> , 2019, 157, 168.	4.7	825
2	The clustering of DESI-like luminous red galaxies using photometric redshifts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 3309-3331.	4.4	85
3	The Hobby-Eberly Telescope Dark Energy Experiment (HETDEX) Survey Design, Reductions, and Detections*. <i>Astrophysical Journal</i> , 2021, 923, 217.	4.5	55
4	The HETDEX Instrumentation: Hobby-Eberly Telescope Wide-field Upgrade and VIRUS. <i>Astronomical Journal</i> , 2021, 162, 298.	4.7	52
5	Finding Strong Gravitational Lenses in the DESI DECam Legacy Survey. <i>Astrophysical Journal</i> , 2020, 894, 78.	4.5	51
6	Preliminary Target Selection for the DESI Luminous Red Galaxy (LRG) Sample. <i>Research Notes of the AAS</i> , 2020, 4, 181.	0.7	46
7	Preliminary Target Selection for the DESI Bright Galaxy Survey (BGS). <i>Research Notes of the AAS</i> , 2020, 4, 187.	0.7	40
8	Preliminary Target Selection for the DESI Quasar (QSO) Sample. <i>Research Notes of the AAS</i> , 2020, 4, 179.	0.7	38
9	Preliminary Target Selection for the DESI Milky Way Survey (MWS). <i>Research Notes of the AAS</i> , 2020, 4, 188.	0.7	38
10	Preliminary Target Selection for the DESI Emission Line Galaxy (ELG) Sample. <i>Research Notes of the AAS</i> , 2020, 4, 180.	0.7	34
11	CMB power spectrum of Nambu-Goto cosmic strings. <i>Physical Review D</i> , 2015, 91, .	4.7	25
12	Imaging systematics and clustering of DESI main targets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 2262-2291.	4.4	25
13	Galaxy redshift surveys with sparse sampling. <i>Journal of Cosmology and Astroparticle Physics</i> , 2013, 2013, 030-030.	5.4	23
14	First HETDEX Spectroscopic Determinations of Ly α and UV Luminosity Functions at $z = 2-3$: Bridging a Gap between Faint AGNs and Bright Galaxies. <i>Astrophysical Journal</i> , 2021, 922, 167.	4.5	19
15	Characterizing the target selection pipeline for the Dark Energy Spectroscopic Instrument Bright Galaxy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4328-4349.	4.4	17
16	Clustering of LRGs in the DECaLS DR8 Footprint: Distance Constraints from Baryon Acoustic Oscillations Using Photometric Redshifts. <i>Astrophysical Journal</i> , 2020, 904, 69.	4.5	17
17	Correcting correlation functions for redshift-dependent interloper contamination. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3187-3206.	4.4	15
18	Surface Brightness Profile of Lyman- α Halos out to 320 kpc in HETDEX. <i>Astrophysical Journal</i> , 2022, 929, 90.	4.5	15

#	ARTICLE	IF	CITATIONS
19	Detection of Lyman Continuum from 3.0 z 3.5 Galaxies in the HETDEX Survey. <i>Astrophysical Journal</i> , 2021, 920, 122.	4.5	11
20	VIRUS: production and deployment of a massively replicated fiber integral field spectrograph for the upgraded Hobby-Eberly Telescope. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
21	Baryon acoustic oscillations in the projected cross-correlation function between the eBOSS DR16 quasars and photometric galaxies from the DESI Legacy Imaging Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 2562-2582.	4.4	9
22	Completion and performance of the Hobby-Eberly Telescope wide field upgrade. , 2018, , .		9
23	VIRUS: first deployment of the massively replicated fiber integral field spectrograph for the upgraded Hobby-Eberly Telescope. <i>Proceedings of SPIE</i> , 2016, , .	0.8	5
24	Deployment of the Hobby-Eberly Telescope wide field upgrade. , 2014, , .		4
25	Dynamic Observing and Tiling Strategies for the DESI Legacy Surveys. <i>Astronomical Journal</i> , 2020, 160, 61.	4.7	3
26	VIRUS early installation and commissioning. <i>Proceedings of SPIE</i> , 2016, , .	0.8	2
27	Laboratory performance testing, installation, and commissioning of the wide field upgrade tracker for the Hobby-Eberly Telescope. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
28	The construction, alignment, and installation of the VIRUS spectrograph. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
29	Design, alignment, and deployment of the Hobby Eberly Telescope prime focus instrument package. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
30	A control system framework for the Hobby-Eberly telescope. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
31	Mechanical systems performance of the HET wide-field upgrade. , 2018, , .		1
32	New Hobby Eberly telescope metrology systems: design, implementation, and on-sky performance. , 2018, , .		1