Nathan De Lee

List of Publications by Year
in descending order

41 papers	16,542 citations	201674 27 h-index	289244 40 g-index
41 all docs	41 docs citations	41 times ranked	13272 citing authors

#	Article	IF	Citations
1	Transiting Exoplanet Survey Satellite. Journal of Astronomical Telescopes, Instruments, and Systems, 2014, 1, 014003.	1.8	2,300
2	Binary Companions of Evolved Stars in APOGEE DR14: Search Method and Catalog of â^¼5000 Companions. Astronomical Journal, 2018, 156, 18.	4.7	2,267
3	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. Astrophysical Journal, Supplement Series, 2015, 219, 12.	7.7	1,877
4	SDSS-III: MASSIVE SPECTROSCOPIC SURVEYS OF THE DISTANT UNIVERSE, THE MILKY WAY, AND EXTRA-SOLAR PLANETARY SYSTEMS. Astronomical Journal, 2011, 142, 72.	4.7	1,700
5	THE NINTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III BARYON OSCILLATION SPECTROSCOPIC SURVEY. Astrophysical Journal, Supplement Series, 2012, 203, 21.	7.7	1,158
6	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. Astronomical Journal, 2017, 154, 28.	4.7	1,100
7	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
8	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. Astrophysical Journal, Supplement Series, 2014, 211, 17.	7.7	820
9	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. Astrophysical Journal, Supplement Series, 2018, 235, 42.	7.7	796
10	The Revised TESS Input Catalog and Candidate Target List. Astronomical Journal, 2019, 158, 138.	4.7	577
11	Transiting Exoplanet Survey Satellite (TESS). Proceedings of SPIE, 2014, , .	0.8	566
12	The TESS Input Catalog and Candidate Target List. Astronomical Journal, 2018, 156, 102.	4.7	433
13	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
14	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
15	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
16	TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. Astrophysical Journal Letters, 2019, 871, L24.	8.3	108
17	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. Astrophysical Journal, 2018, 854, 147.	4.5	100
18	A Catalog of Cool Dwarf Targets for the Transiting Exoplanet Survey Satellite. Astronomical Journal, 2018, 155, 180.	4.7	85

#	Article	IF	Citations
19	Close Companions around Young Stars. Astronomical Journal, 2019, 157, 196.	4.7	81
20	Measuring the Recoverability of Close Binaries in Gaia DR2 with the Robo-AO Kepler Survey. Astronomical Journal, 2018, 156, 259.	4.7	79
21	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Colorâ€“Magnitude Diagram. Astrophysical Journal, 2020, 895, 2.	4.5	74
22	COMPANIONS TO APOGEE STARS. I. A MILKY WAY-SPANNING CATALOG OF STELLAR AND SUBSTELLAR COMPANION CANDIDATES AND THEIR DIVERSE HOSTS. Astronomical Journal, 2016, 151, 85.	4.7	68
23	SDSS-IV MaStar: A Large and Comprehensive Empirical Stellar Spectral Libraryâ€”First Release. Astrophysical Journal, 2019, 883, 175.	4.5	67
24	Final Targeting Strategy for the SDSS-IV APOGEE-2S Survey. Astronomical Journal, 2021, 162, 303.	4.7	46
25	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. Astronomical Journal, 2021, 162, 302.	4.7	44
26	Exploring the brown dwarf desert: new substellar companions from the SDSS-III MARVELS survey. Monthly Notices of the Royal Astronomical Society, 2017, 467, 4264-4281.	4.4	42
27	Double-lined Spectroscopic Binaries in the APOGEE DR16 and DR17 Data. Astronomical Journal, 2021, 162, 184.	4.7	40
28	VERY LOW MASS STELLAR AND SUBSTELLAR COMPANIONS TO SOLAR-LIKE STARS FROM MARVELS. V. A LOW ECCENTRICITY BROWN DWARF FROM THE DRIEST PART OF THE DESERT, MARVELS-6b. Astronomical Journal, 2013, 145, 155.	4.7	38
29	Kepler-730: A Hot Jupiter System with a Close-in, Transiting, Earth-sized Planet. Astrophysical Journal Letters, 2019, 870, L17.	8.3	33
30	The APOGEE-2 Survey of the Orion Star-forming Complex. I. Target Selection and Validation with Early Observations. Astrophysical Journal, Supplement Series, 2018, 236, 27.	7.7	23
31	IN-SYNC VI. Identification and Radial Velocity Extraction for 100+ Double-Lined Spectroscopic Binaries in the APOGEE/IN-SYNC Fields. Publications of the Astronomical Society of the Pacific, 2017, 129, 084201.	3.1	22
32	Kepler-503b: An Object at the Hydrogen Burning Mass Limit Orbiting a Subgiant Star. Astrophysical Journal Letters, 2018, 861, L4.	8.3	17
33	TOI-150: A Transiting Hot Jupiter in the TESS Southern CVZ*. Astrophysical Journal Letters, 2019, 877, L29.	8.3	12
34	TARGET SELECTION FOR THE SDSS-III MARVELS SURVEY. Astronomical Journal, 2015, 149, 186.	4.7	8
35	Forty-four New and Known M-dwarf Multiples in the SDSS-III/APOGEE M-dwarf Ancillary Science Sample. Astronomical Journal, 2018, 156, 45.	4.7	8
36	Geometry of the Draco C1 Symbiotic Binary. Astrophysical Journal Letters, 2020, 900, L43.	8.3	7

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37	The TESS Mission Target Selection Procedure. Publications of the Astronomical Society of the Pacific, 2021, 133, 095002.	3.1	5
38	Analysis of Previously Classified White Dwarfâ€“Main-sequence Binaries Using Data from the APOGEE Survey. Astronomical Journal, 2021, 161, 143.	4.7	2
39	Physical parameters for RR Lyrae stars in the <scp>sdss</scp> filter system. Proceedings of the International Astronomical Union, 2012, 8, 126-129.	0.0	1
40	Close substellar-mass companions in stellar wide binaries: discovery and characterization with APOGEE and Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2021, 509, 3355-3370.	4.4	1
41	Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way. Astrophysical Journal Letters, 2022, 933, L18.	8.3	1