

Nicholas W Troup

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

6,537
citations

331670

21
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

8936
citing authors

#	ARTICLE	IF	CITATIONS
1	Stellar multiplicity and stellar rotation: insights from APOGEE. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2051-2061.	4.4	9
2	Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way. Astrophysical Journal Letters, 2022, 933, L18.	8.3	1
3	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
4	The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with α abundances. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1607-1626.	4.4	34
5	Close Binary Companions to APOGEE DR16 Stars: 20,000 Binary-star Systems Across the Color-Magnitude Diagram. Astrophysical Journal, 2020, 895, 2.	4.5	74
6	Geometry of the Draco C1 Symbiotic Binary. Astrophysical Journal Letters, 2020, 900, L43.	8.3	7
7	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
8	Elemental Abundances of Kepler Objects of Interest in APOGEE. I. Two Distinct Orbital Period Regimes Inferred from Host Star Iron Abundances. Astronomical Journal, 2018, 155, 68.	4.7	58
9	Stellar Multiplicity Meets Stellar Evolution and Metallicity: The APOGEE View. Astrophysical Journal, 2018, 854, 147.	4.5	100
10	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
11	Binary Companions of Evolved Stars in APOGEE DR14: Search Method and Catalog of ~ 45000 Companions. Astronomical Journal, 2018, 156, 18.	4.7	2,267
12	APOGEE Data Releases 13 and 14: Data and Analysis. Astronomical Journal, 2018, 156, 125.	4.7	220
13	Timing the Evolution of the Galactic Disk with NGC 6791: An Open Cluster with Peculiar High- α Chemistry as Seen by APOGEE. Astrophysical Journal, 2017, 842, 49.	4.5	22
14	Target Selection for the SDSS-IV APOGEE-2 Survey. Astronomical Journal, 2017, 154, 198.	4.7	200
15	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
16	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
17	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). Astronomical Journal, 2017, 154, 94.	4.7	1,065
18	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. Astrophysical Journal, Supplement Series, 2017, 233, 23.	7.7	121

#	ARTICLE	IF	CITATIONS
19	ASPCAP: THE APOGEE STELLAR PARAMETER AND CHEMICAL ABUNDANCES PIPELINE. <i>Astronomical Journal</i> , 2016, 151, 144.	4.7	497
20	COMPANIONS TO APOGEE STARS. I. A MILKY WAY-SPANNING CATALOG OF STELLAR AND SUBSTELLAR COMPANION CANDIDATES AND THEIR DIVERSE HOSTS. <i>Astronomical Journal</i> , 2016, 151, 85.	4.7	68
21	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. <i>Astronomical Journal</i> , 2015, 150, 148.	4.7	344
22	RAPID ROTATION OF LOW-MASS RED GIANTS USING APOKASC: A MEASURE OF INTERACTION RATES ON THE POST-MAIN-SEQUENCE. <i>Astrophysical Journal</i> , 2015, 807, 82.	4.5	53
23	EXPLORING ANTICORRELATIONS AND LIGHT ELEMENT VARIATIONS IN NORTHERN GLOBULAR CLUSTERS OBSERVED BY THE APOGEE SURVEY. <i>Astronomical Journal</i> , 2015, 149, 153.	4.7	133
24	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 17.	7.7	820
25	A VERY HIGH PROPER MOTION STAR AND THE FIRST L DWARF IN THE <i>KEPLER</i> FIELD. <i>Astrophysical Journal Letters</i> , 2011, 736, L34.	8.3	29