

Christian R Hayes

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

3,746
citations

394390

19
h-index

434170

31
g-index

31
all docs

31
docs citations

31
times ranked

5185
citing authors

#	ARTICLE	IF	CITATIONS
1	The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets. <i>Astronomical Journal</i> , 2022, 163, 128.	4.7	6
2	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	7.7	405
3	Chemical Cartography with APOGEE: Mapping Disk Populations with a 2-process Model and Residual Abundances. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 32.	7.7	15
4	Multiplicity Statistics of Stars in the Sagittarius Dwarf Spheroidal Galaxy: Comparison to the Milky Way. <i>Astrophysical Journal Letters</i> , 2022, 933, L18.	8.3	1
5	Orbital Torus Imaging: Using Element Abundances to Map Orbits and Mass in the Milky Way. <i>Astrophysical Journal</i> , 2021, 910, 17.	4.5	13
6	Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code – III. <i>MNRAS</i> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1645-1660.	4.4	15
7	Chemodynamically Characterizing the Jhelum Stellar Stream with APOGEE-2. <i>Astrophysical Journal</i> , 2021, 913, 39.	4.5	3
8	APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. <i>Astrophysical Journal</i> , 2021, 923, 172.	4.5	64
9	Final Targeting Strategy for the Sloan Digital Sky Survey IV Apache Point Observatory Galactic Evolution Experiment 2 North Survey. <i>Astronomical Journal</i> , 2021, 162, 302.	4.7	44
10	Final Targeting Strategy for the SDSS-IV APOGEE-2S Survey. <i>Astronomical Journal</i> , 2021, 162, 303.	4.7	46
11	Metallicity and α -Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. <i>Astrophysical Journal</i> , 2020, 889, 63.	4.5	51
12	The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2020, 895, 88.	4.5	77
13	The Stellar Velocity Distribution Function in the Milky Way Galaxy. <i>Astronomical Journal</i> , 2020, 160, 43.	4.7	18
14	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826
15	First results from the Dark Skies, Bright Kids astronomy club draw-a-scientist test. <i>Physical Review Physics Education Research</i> , 2020, 16, .	2.9	7
16	Exploring the Galactic Warp through Asymmetries in the Kinematics of the Galactic Disk. <i>Astrophysical Journal</i> , 2020, 905, 49.	4.5	30
17	Fluorine Abundances in the Galactic Disk. <i>Astrophysical Journal</i> , 2019, 885, 139.	4.5	12
18	Using APOGEE Wide Binaries to Test Chemical Tagging with Dwarf Stars. <i>Astrophysical Journal</i> , 2019, 871, 42.	4.5	31

#	ARTICLE	IF	CITATIONS
19	The Fifteenth Data Release of the Sloan Digital Sky Surveys: First Release of MaNGA-derived Quantities, Data Visualization Tools, and Stellar Library. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 23.	7.7	299
20	Identifying Sagittarius Stream Stars by Their APOGEE Chemical Abundance Signatures. <i>Astrophysical Journal</i> , 2019, 872, 58.	4.5	37
21	Chemical Cartography with APOGEE: Multi-element Abundance Ratios. <i>Astrophysical Journal</i> , 2019, 874, 102.	4.5	85
22	The origin of accreted stellar halo populations in the Milky Way using APOGEE, <i>Gaia</i> , and the EAGLE simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 3426-3442.	4.4	199
23	Disentangling the Galactic Halo with APOGEE. II. Chemical and Star Formation Histories for the Two Distinct Populations. <i>Astrophysical Journal</i> , 2018, 852, 50.	4.5	53
24	Disentangling the Galactic Halo with APOGEE. I. Chemical and Kinematical Investigation of Distinct Metal-poor Populations. <i>Astrophysical Journal</i> , 2018, 852, 49.	4.5	123
25	Constraining the Solar Galactic Reflex Velocity using <i>Gaia</i> Observations of the Sagittarius Stream. <i>Astrophysical Journal Letters</i> , 2018, 867, L20.	8.3	16
26	Disk-like Chemistry of the Triangulum-Andromeda Overdensity as Seen by APOGEE. <i>Astrophysical Journal Letters</i> , 2018, 859, L8.	8.3	24
27	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. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 42.	7.7	796
28	Timing the Evolution of the Galactic Disk with NGC 6791: An Open Cluster with Peculiar High- α Chemistry as Seen by APOGEE. <i>Astrophysical Journal</i> , 2017, 842, 49.	4.5	22
29	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. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	7.7	406
30	PROPERTIES OF THE OLD OPEN CLUSTER CZERNIK 30. <i>Astronomical Journal</i> , 2015, 150, 200.	4.7	6
31	RADIAL VELOCITIES OF THREE POORLY STUDIED CLUSTERS AND THE KINEMATICS OF OPEN CLUSTERS. <i>Astronomical Journal</i> , 2014, 147, 69.	4.7	16