

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 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Chemical Cartography with APOGEE: Multi-element Abundance Ratios. <i>Astrophysical Journal</i> , 2019, 874, 102. | 4.5 | 85 |
| 9 | The Lazy Giants: APOGEE Abundances Reveal Low Star Formation Efficiencies in the Magellanic Clouds. <i>Astrophysical Journal</i> , 2020, 895, 88. | 4.5 | 77 |
| 10 | APOGEE Chemical Abundance Patterns of the Massive Milky Way Satellites. <i>Astrophysical Journal</i> , 2021, 923, 172. | 4.5 | 64 |
| 11 | 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 |
| 12 | Metallicity and α -Element Abundance Gradients along the Sagittarius Stream as Seen by APOGEE. <i>Astrophysical Journal</i> , 2020, 889, 63. | 4.5 | 51 |
| 13 | Final Targeting Strategy for the SDSS-IV APOGEE-2S Survey. <i>Astronomical Journal</i> , 2021, 162, 303. | 4.7 | 46 |
| 14 | 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 |
| 15 | Identifying Sagittarius Stream Stars by Their APOGEE Chemical Abundance Signatures. <i>Astrophysical Journal</i> , 2019, 872, 58. | 4.5 | 37 |
| 16 | Using APOGEE Wide Binaries to Test Chemical Tagging with Dwarf Stars. <i>Astrophysical Journal</i> , 2019, 871, 42. | 4.5 | 31 |
| 17 | Exploring the Galactic Warp through Asymmetries in the Kinematics of the Galactic Disk. <i>Astrophysical Journal</i> , 2020, 905, 49. | 4.5 | 30 |
| 18 | Disk-like Chemistry of the Triangulum-Andromeda Overdensity as Seen by APOGEE. <i>Astrophysical Journal Letters</i> , 2018, 859, L8. | 8.3 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | The Stellar Velocity Distribution Function in the Milky Way Galaxy. <i>Astronomical Journal</i> , 2020, 160, 43. | 4.7 | 18 |
| 21 | RADIAL VELOCITIES OF THREE POORLY STUDIED CLUSTERS AND THE KINEMATICS OF OPEN CLUSTERS. <i>Astronomical Journal</i> , 2014, 147, 69. | 4.7 | 16 |
| 22 | Constraining the Solar Galactic Reflex Velocity using Gaia Observations of the Sagittarius Stream. <i>Astrophysical Journal Letters</i> , 2018, 867, L20. | 8.3 | 16 |
| 23 | Homogeneous analysis of globular clusters from the APOGEE survey with the BACCHUS code. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 1645-1660. | 4.4 | 15 |
| 24 | 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 |
| 25 | 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 |
| 26 | Fluorine Abundances in the Galactic Disk. <i>Astrophysical Journal</i> , 2019, 885, 139. | 4.5 | 12 |
| 27 | 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 |
| 28 | PROPERTIES OF THE OLD OPEN CLUSTER CZERNIK 30. <i>Astronomical Journal</i> , 2015, 150, 200. | 4.7 | 6 |
| 29 | The Influence of 10 Unique Chemical Elements in Shaping the Distribution of Kepler Planets. <i>Astronomical Journal</i> , 2022, 163, 128. | 4.7 | 6 |
| 30 | Chemodynamically Characterizing the Jhelum Stellar Stream with APOGEE-2. <i>Astrophysical Journal</i> , 2021, 913, 39. | 4.5 | 3 |
| 31 | 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 |