# Norbert Christlieb

## List of Publications by Year in Descending Order



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| 54 papers | 4,566 citations | 33 h-index | 58 g-index |
| 58 ext. papers | 5,042 ext. citations | 5.2 avg, IF | 5.01 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 54 | Dynamically Tagged Groups of Very Metal-poor Halo Stars from the HK and Hamburg/ESO Surveys. *Astrophysical Journal*, **2021**, 907, 10 | 4.7 | 18 |
| 53 | LAMOST-Subaru exploration of chemical relics of first stars. *Proceedings of the International Astronomical Union*, **2017**, 13, 21-24 | 0.1 | |
| 52 | OBSERVATIONAL CONSTRAINTS ON FIRST-STAR NUCLEOSYNTHESIS. II. SPECTROSCOPY OF AN ULTRA METAL-POOR CEMP-no STAR. *Astrophysical Journal*, **2016**, 833, 21 | 4.7 | 46 |
| 51 | SPECTROSCOPIC ANALYSIS OF METAL-POOR STARS FROM LAMOST: EARLY RESULTS. *Astrophysical Journal*, **2015**, 798, 110 | 4.7 | 47 |
| 50 | The first data release (DR1) of the LAMOST regular survey. *Research in Astronomy and Astrophysics*, **2015**, 15, 1095-1124 | 1.5 | 273 |
| 49 | Searching for chemical relics of first stars with LAMOST and Subaru. *Proceedings of the International Astronomical Union*, **2015**, 11, 51-56 | 0.1 | |
| 48 | THE CHEMICAL ABUNDANCES OF STARS IN THE HALO (CASH) PROJECT. III. A NEW CLASSIFICATION SCHEME FOR CARBON-ENHANCED METAL-POOR STARS WITH s-PROCESS ELEMENT ENHANCEMENT. *Astrophysical Journal*, **2015**, 814, 121 | 4.7 | 22 |
| 47 | Discovery of a stronglyr-process enhanced extremely metal-poor star LAMOST J110901.22+075441.8. *Research in Astronomy and Astrophysics*, **2015**, 15, 1264-1274 | 1.5 | 7 |
| 46 | High-resolution spectroscopic studies of ultra metal-poor stars found in the LAMOST survey. *Publication of the Astronomical Society of Japan*, **2015**, 67, 84 | 3.2 | 34 |
| 45 | METAL-POOR STARS OBSERVED WITH THE MAGELLAN TELESCOPE. II. DISCOVERY OF FOUR STARS WITH [Fe/H] ? ?3.5. *Astrophysical Journal*, **2014**, 781, 40 | 4.7 | 42 |
| 44 | NORMAL AND OUTLYING POPULATIONS OF THE MILKY WAY STELLAR HALO AT [Fe/H] . *Astrophysical Journal*, **2013**, 778, 56 | 4.7 | 128 |
| 43 | METAL-POOR STARS OBSERVED WITH THE MAGELLAN TELESCOPE. I. CONSTRAINTS ON PROGENITOR MASS AND METALLICITY OF AGB STARS UNDERGOINGs-PROCESS NUCLEOSYNTHESIS. *Astrophysical Journal*, **2013**, 770, 104 | 4.7 | 49 |
| 42 | LITHIUM ABUNDANCES IN CARBON-ENHANCED METAL-POOR STARS. *Astrophysical Journal*, **2012**, 751, 14 | 4.7 | 46 |
| 41 | LAMOST Experiment for Galactic Understanding and Exploration (LEGUE) ?The survey?s science plan. *Research in Astronomy and Astrophysics*, **2012**, 12, 735-754 | 1.5 | 222 |
| 40 | The site conditions of the Guo Shou Jing Telescope. *Research in Astronomy and Astrophysics*, **2012**, 12, 772-780 | 1.5 | 25 |
| 39 | A search for metal-poor stars pre-enriched by pair-instability supernovae I. A pilot study for target selection from Sloan Digital Sky Survey. *Research in Astronomy and Astrophysics*, **2012**, 12, 1637-1648 | 1.5 | 8 |
| 38 | The LEGUE high latitude bright survey design for the LAMOST pilot survey. *Research in Astronomy and Astrophysics*, **2012**, 12, 792-804 | 1.5 | 15 |

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| 37 | The LEGUE input catalog for dark night observing in the LAMOST pilot survey. *Research in Astronomy and Astrophysics*, **2012**, 12, 781-791 | 1.5 | 15 |
| 36 | An algorithm for preferential selection of spectroscopic targets in LEGUE. *Research in Astronomy and Astrophysics*, **2012**, 12, 755-771 | 1.5 | 22 |
| 35 | The LEGUE disk targets for LAMOST's pilot survey. *Research in Astronomy and Astrophysics*, **2012**, 12, 805-812 | 1.5 | 25 |
| 34 | SEARCHES FOR METAL-POOR STARS FROM THE HAMBURG/ESO SURVEY USING THE CHGBAND. *Astronomical Journal*, **2011**, 142, 188 | 4.9 | 29 |
| 33 | [O/Fe] ESTIMATES FOR CARBON-ENHANCED METAL-POOR STARS FROM NEAR-INFRARED SPECTROSCOPY. *Astronomical Journal*, **2011**, 141, 102 | 4.9 | 22 |
| 32 | A SEARCH FOR UNRECOGNIZED CARBON-ENHANCED METAL-POOR STARS IN THE GALAXY. *Astronomical Journal*, **2010**, 139, 1051-1065 | 4.9 | 17 |
| 31 | Test observations that search for metal-poor stars with the Guoshoujing Telescope (LAMOST). *Research in Astronomy and Astrophysics*, **2010**, 10, 753-760 | 1.5 | 7 |
| 30 | LITHIUM ABUNDANCES OF EXTREMELY METAL-POOR TURNOFF STARS. *Astrophysical Journal*, **2009**, 698, 1803-1812 | 4.7 | 123 |
| 29 | THE END OF NUCLEOSYNTHESIS: PRODUCTION OF LEAD AND THORIUM IN THE EARLY GALAXY. *Astrophysical Journal*, **2009**, 698, 1963-1980 | 4.7 | 76 |
| 28 | A Search for Unrecognized Carbon-Enhanced Metal-Poor Stars. *Proceedings of the International Astronomical Union*, **2009**, 5, 132-133 | 0.1 | |
| 27 | Constraints on Big Bang Nucleosynthesis from observations of metal-poor stars. *Journal of Physics G: Nuclear and Particle Physics*, **2008**, 35, 014001 | 2.9 | 2 |
| 26 | New Extremely Metal-Poor Stars in the Galactic Halo. *Astrophysical Journal*, **2008**, 672, 320-341 | 4.7 | 105 |
| 25 | HE 1327−2326, an Unevolved Star with [Fe/H]. *Astrophysical Journal*, **2008**, 684, 588-602 | 4.7 | 109 |
| 24 | Carbon-enhanced Metal-poor Stars. I. Chemical Compositions of 26 Stars. *Astrophysical Journal*, **2007**, 655, 492-521 | 4.7 | 311 |
| 23 | Chemical Abundance Analysis of the Extremely Metal-poor Star HE 1300+0157. *Astrophysical Journal*, **2007**, 658, 534-552 | 4.7 | 55 |
| 22 | Broadband UBVR C I C Photometry of Horizontal-Branch and Metal-poor Candidates from the HK and Hamburg/ESO Surveys. I.. *Astrophysical Journal, Supplement Series*, **2007**, 168, 128-139 | 8 | 53 |
| 21 | A New Type of Extremely Metal-poor Star. *Astrophysical Journal*, **2007**, 659, L161-L164 | 4.7 | 47 |
| 20 | A Search for Nitrogen-enhanced Metal-poor Stars. *Astrophysical Journal*, **2007**, 658, 1203-1216 | 4.7 | 66 |

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| 19 | Discovery of HE 1523-0901, a Strongly r -Process-enhanced Metal-poor Star with Detected Uranium. *Astrophysical Journal*, **2007**, 660, L117-L120 | 4.7 | 171 |
| 18 | Bright Metal-poor Stars from the Hamburg/ESO Survey. I. Selection and Follow-up Observations from 329 Fields. *Astrophysical Journal*, **2006**, 652, 1585-1603 | 4.7 | 132 |
| 17 | The Oxygen Abundance of HE 1327-2326. *Astrophysical Journal*, **2006**, 638, L17-L20 | 4.7 | 55 |
| 16 | Carbon Stars in the Hamburg/ESO Survey: Abundances. *Astronomical Journal*, **2006**, 132, 137-160 | 4.9 | 103 |
| 15 | The Frequency of Carbon-enhanced Metal-poor Stars in the Galaxy from the HERES Sample. *Astrophysical Journal*, **2006**, 652, L37-L40 | 4.7 | 140 |
| 14 | A high-resolution spectral analysis of three carbon-enhanced metal-poor stars. *Monthly Notices of the Royal Astronomical Society*, **2006**, 372, 343-356 | 4.3 | 62 |
| 13 | The Discovery and Analysis of Very Metal-Poor Stars in the Galaxy. *Annual Review of Astronomy and Astrophysics*, **2005**, 43, 531-580 | 31.7 | 762 |
| 12 | A Catalog of Field Horizontal Branch Stars Aligned with High-Velocity Clouds. *Astrophysical Journal, Supplement Series*, **2005**, 161, 147-153 | 8 | 1 |
| 11 | The Frequency of Carbon Stars among Extremely Metal-poor Stars. *Astrophysical Journal*, **2005**, 633, L109-L112 | 4.7 | 69 |
| 10 | Nitrogen in the Early Universe. *Nuclear Physics A*, **2005**, 758, 221-224 | 1.3 | 2 |
| 9 | Kinematics of the Galactic halo from horizontal branch stars in the Hamburg/ESO survey. *Monthly Notices of the Royal Astronomical Society*, **2005**, 360, 354-359 | 4.3 | 11 |
| 8 | Nucleosynthetic signatures of the first stars. *Nature*, **2005**, 434, 871-3 | 50.4 | 419 |
| 7 | Oxygen Overabundance in the Extremely Iron-poor Star CS 29498-043. *Astrophysical Journal*, **2004**, 608, 971-977 | 4.7 | 51 |
| 6 | Abundances In Very Metal-Poor Dwarf Stars. *Astrophysical Journal*, **2004**, 612, 1107-1135 | 4.7 | 129 |
| 5 | Abundance Analysis of HE 2148−1247, A Star with Extremely Enhanced Neutron Capture Elements. *Astrophysical Journal*, **2003**, 588, 1082-1098 | 4.7 | 102 |
| 4 | Stellar Archaeology: A Keck Pilot Program on Extremely Metal-Poor Stars From the Hamburg/ESO Survey. III. The Lead (P[CLC]b[/CLC]) Star HE 0024−2523. *Astronomical Journal*, **2003**, 125, 875-893 | 4.9 | 108 |
| 3 | Stellar Archaeology: A Keck Pilot Program on Extremely Metal-poor Stars from the Hamburg/ESO Survey. I. Stellar Parameters. *Astronomical Journal*, **2002**, 124, 470-480 | 4.9 | 41 |
| 2 | Stellar Archaeology: A Keck Pilot Program on Extremely Metal-poor Stars from the Hamburg/ESO Survey. II. Abundance Analysis. *Astronomical Journal*, **2002**, 124, 481-506 | 4.9 | 116 |

# List of Publications

1 Finding the Most Metal-poor Stars of the Galactic Halo with the Hamburg/ESO Objective-prism Survey191-206 26