

# Heather R Jacobson

## List of Publications by Year in descending order

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20  
papers

1,050  
citations

430874

18  
h-index

752698

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g-index

21  
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21  
docs citations

21  
times ranked

1009  
citing authors

#	ARTICLE	IF	CITATIONS
1	NEW NEUTRON-CAPTURE MEASUREMENTS IN 23 OPEN CLUSTERS. I. THE r-PROCESS. <i>Astrophysical Journal</i> , 2016, 824, 75.	4.5	20
2	SD 1313â€“0019: ANOTHER SECOND-GENERATION STAR WITH $[Fe/H] = \hat{\sim}5.0$ , OBSERVED WITH THE <i>MAGELLAN</i> TELESCOPE. <i>Astrophysical Journal Letters</i> , 2015, 810, L27.	8.3	71
3	METAL-POOR STARS OBSERVED WITH THE <i>MAGELLAN</i> TELESCOPE. III. NEW EXTREMELY AND ULTRA METAL-POOR STARS FROM SDSS/SEGUE AND INSIGHTS ON THE FORMATION OF ULTRA METAL-POOR STARS. <i>Astrophysical Journal</i> , 2015, 809, 136.	4.5	60
4	NUCLEOSYNTHESIS IN A PRIMORDIAL SUPERNOVA: CARBON AND OXYGEN ABUNDANCES IN SMSS J031300.36â€“670839.3. <i>Astrophysical Journal Letters</i> , 2015, 806, L16.	8.3	59
5	HIGH-RESOLUTION SPECTROSCOPIC STUDY OF EXTREMELY METAL-POOR STAR CANDIDATES FROM THE SKYMAPPER SURVEY. <i>Astrophysical Journal</i> , 2015, 807, 171.	4.5	105
6	NGC 7789: AN OPEN CLUSTER CASE STUDY. <i>Astronomical Journal</i> , 2015, 149, 15.	4.7	18
7	CD $\hat{\sim}24\hat{\circ}17504$ REVISITED: A NEW COMPREHENSIVE ELEMENT ABUNDANCE ANALYSIS. <i>Astrophysical Journal</i> , 2015, 808, 53.	4.5	5
8	THE CHEMICAL EVOLUTION OF PHOSPHORUS. <i>Astrophysical Journal Letters</i> , 2014, 796, L24.	8.3	24
9	Observational nuclear astrophysics: neutron-capture element abundances in old, metal-poor stars. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2014, 41, 044001.	3.6	10
10	DETECTION OF NEUTRAL PHOSPHORUS IN THE NEAR-ULTRAVIOLET SPECTRA OF LATE-TYPE STARS. <i>Astrophysical Journal</i> , 2014, 797, 69.	4.5	39
11	DOOp, an automated wrapper for DAOSPEC. <i>Astronomy and Astrophysics</i> , 2014, 562, A10.	5.1	31
12	DERIVING STELLAR EFFECTIVE TEMPERATURES OF METAL-POOR STARS WITH THE EXCITATION POTENTIAL METHOD. <i>Astrophysical Journal</i> , 2013, 769, 57.	4.5	99
13	ZIRCONIUM, BARIUM, LANTHANUM, AND EUROPIUM ABUNDANCES IN OPEN CLUSTERS. <i>Astronomical Journal</i> , 2013, 145, 107.	4.7	56
14	A CHEMICAL ABUNDANCE STUDY OF 10 OPEN CLUSTERS BASED ON WIYN-HYDRA SPECTROSCOPY. <i>Astronomical Journal</i> , 2011, 142, 59.	4.7	103
15	ABUNDANCES OF RED GIANTS IN OLD OPEN CLUSTERS. V. Be 31, Be 32, Be 39, M 67, NGC 188, AND NGC 1193. <i>Astronomical Journal</i> , 2010, 139, 1942-1967.	4.7	98
16	ABUNDANCES OF RED GIANTS IN OLD OPEN CLUSTERS. IV. NGC 1817, NGC 1883, NGC 2141, AND NGC 2158. <i>Astronomical Journal</i> , 2009, 137, 4753-4765.	4.7	54
17	ABUNDANCES OF RED GIANTS IN OLD OPEN CLUSTERS. III. NGC 7142. <i>Astronomical Journal</i> , 2008, 135, 2341-2349.	4.7	42
18	Na, Al, and O Abundances of Open Clusters NGC 7142, NGC 6939, and IC 4756. <i>Astronomical Journal</i> , 2007, 134, 1216-1230.	4.7	47

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19	Abundances of Red Giants in Old Open Clusters. II. Berkeley 17. <i>Astronomical Journal</i> , 2005, 129, 2725-2730.	4.7	46
20	Abundances of Red Giants in the Old Open Cluster Collinder 261. <i>Astronomical Journal</i> , 2003, 126, 2372-2384.	4.7	63