

Elizabeth A Den Hartog

List of Publications by Year in descending order

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32
papers

1,056
citations

567281

15
h-index

434195

31
g-index

32
all docs

32
docs citations

32
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Levels of Singly Ionized and Neutral Hafnium. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 27.	7.7	1
2	The R-process Alliance: A Nearly Complete R-process Abundance Template Derived from Ultraviolet Spectroscopy of the R-process-enhanced Metal-poor Star HD 222925*. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 27.	7.7	32
3	Linemake: An Atomic and Molecular Line List Generator. <i>Research Notes of the AAS</i> , 2021, 5, 92.	0.7	49
4	Improved Atomic Transition Probabilities for UV and Optical Lines of Hf II and Determination of the Hf Abundance in Two Metal-poor Stars*. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 5.	7.7	5
5	Atomic Transition Probabilities of Neutral Calcium*. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 27.	7.7	12
6	Hyperfine Structure Constants for Levels of $^{175}\text{Lu}^{+}$. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 10.	7.7	6
7	Detailed Iron-peak Element Abundances in Three Very Metal-poor Stars*. <i>Astrophysical Journal</i> , 2020, 890, 119.	4.5	18
8	Atomic Transition Probabilities for UV and Blue Lines of Fe II and Abundance Determinations in the Photospheres of the Sun and Metal-poor Star HD 84937. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 33.	7.7	22
9	Quantitative atomic spectroscopy, a review of progress in the optical-UV region and future opportunities. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 301-305.	0.0	0
10	Vanadium Transitions in the Spectrum of Arcturus. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 25.	7.7	12
11	Improving the Ar I and II branching ratio calibration method: Monte Carlo simulations of effects from photon scattering/reflecting in hollow cathodes. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 207, 41-47.	2.3	4
12	Laboratory transition probabilities for studies of nucleosynthesis of Fe-group elements ^{51}Cr . <i>Canadian Journal of Physics</i> , 2017, 95, 783-789.	1.1	7
13	Fe I Oscillator Strengths for Transitions from High-lying Odd-parity Levels. <i>Astrophysical Journal</i> , 2017, 848, 125.	4.5	29
14	IRON-GROUP ABUNDANCES IN THE METAL-POOR MAIN-SEQUENCE TURNOFF STAR HD 84937. <i>Astrophysical Journal</i> , 2016, 817, 53.	4.5	96
15	Atomic Data for Stellar Nucleosynthesis. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 287-290.	0.0	4
16	Radiative lifetimes and transition probabilities of neutral lanthanum. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 155001.	1.5	10
17	IMPROVED $V \log(gf)$ VALUES AND ABUNDANCE DETERMINATIONS IN THE PHOTOSPHERES OF THE SUN AND METAL-POOR STAR HD 84937. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 20.	7.7	61
18	Fe I oscillator strengths for the Gaia-ESO survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3127-3136.	4.4	88

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19	Fe I OSCILLATOR STRENGTHS FOR TRANSITIONS FROM HIGH-LYING EVEN-PARITY LEVELS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 23.	7.7	68
20	Atomic data for stellar spectroscopy: recent successes and remaining needs. <i>Physica Scripta</i> , 2014, 89, 114006.	2.5	2
21	IMPROVED V II $\log(\langle i \rangle_{gf})$ VALUES, HYPERFINE STRUCTURE CONSTANTS, AND ABUNDANCE DETERMINATIONS IN THE PHOTOSPHERES OF THE SUN AND METAL-POOR STAR HD 84937. <i>Astrophysical Journal, Supplement Series</i> , 2014, 214, 18.	7.7	48
22	RADIATIVE LIFETIMES OF V I AND V II. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 7.	7.7	17
23	Atomic transition probabilities of neutral samarium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 215004.	1.5	10
24	Radiative lifetimes of neutral samarium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 185001.	1.5	8
25	Atomic transition probabilities of Nd I. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 235003.	1.5	6
26	IMPROVED $\log(\langle i \rangle_{gf})$ VALUES OF SELECTED LINES IN Mn I AND Mn II FOR ABUNDANCE DETERMINATIONS IN FGK DWARFS AND GIANTS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 35.	7.7	93
27	Atomic transition probabilities of Er I. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 235001.	1.5	14
28	Radiative lifetimes of neutral erbium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 155004.	1.5	11
29	NEW RARE EARTH ELEMENT ABUNDANCE DISTRIBUTIONS FOR THE SUN AND FIVE $\langle i \rangle_{r}$ -PROCESS-RICH VERY METAL-POOR STARS. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 80-96.	7.7	165
30	IMPROVED LABORATORY TRANSITION PROBABILITIES FOR Ce II, APPLICATION TO THE CERIUM ABUNDANCES OF THE SUN AND FIVE $\langle i \rangle_{r}$ -PROCESS-RICH, METAL-POOR STARS, AND RARE EARTH LAB DATA SUMMARY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 51-79.	7.7	133
31	Comparison of Sm II transition probabilities. <i>Canadian Journal of Physics</i> , 2008, 86, 1033-1038.	1.1	19
32	Radiative lifetimes for 80 levels of singly ionized erbium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2007, 40, 4529-4536.	1.5	6