## Kim A Venn

## List of Publications by Year in descending order

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53794 64796 6,655 133 45 79 citations h-index g-index papers 134 134 134 3352 citing authors docs citations times ranked all docs

#	Article	IF	CITATIONS
1	A stellar stream remnant of a globular cluster below the metallicity floor. Nature, 2022, 601, 45-48.	27.8	22
2	The Pristine survey $\hat{a} \in XV$ . A CFHT ESPaDOnS view on the Milky Way halo and disc populations. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1004-1021.	4.4	10
3	Optimal Differential Astrometry for Multiconjugate Adaptive Optics. I. Astrometric Distortion Mapping using On-sky GeMS Observations of NGC 6723. Astronomical Journal, 2022, 163, 187.	4.7	2
4	The Pristine survey – XVII. The C-19 stream is dynamically hot and more extended than previously thought. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1664-1671.	4.4	4
5	The <i>Pristine</i> survey – XVIII. C-19: tidal debris of a dark matter-dominated globular cluster?. Monthly Notices of the Royal Astronomical Society, 2022, 514, 3532-3540.	4.4	6
6	Solo dwarfs II: the stellar structure of isolated Local Group dwarf galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 503, 176-199.	4.4	14
7	The pristine dwarf-galaxy survey – III. Revealing the nature of the Milky Way globular cluster Sagittarius II. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2754-2762.	4.4	17
8	The Pristine Inner Galaxy Survey (PIGS) III: carbon-enhanced metal-poor stars in the bulge. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1239-1253.	4.4	20
9	The Pristine survey – XII. Gemini-GRACES chemo-dynamical study of newly discovered extremely metal-poor stars in the Galaxy. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1438-1461.	4.4	24
10	Cycle-StarNet: Bridging the Gap between Theory and Data by Leveraging Large Data Sets. Astrophysical Journal, 2021, 906, 130.	4.5	14
11	The Pristine survey – XIV. Chemical analysis of two ultra-metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3068-3083.	4.4	7
12	Solo dwarfs $\hat{a} \in \mathbb{C}$ III. Exploring the orbital origins of isolated Local Group galaxies with $\langle i \rangle$ Gaia $\langle i \rangle$ Data Release 2. Monthly Notices of the Royal Astronomical Society, 2021, 501, 2363-2377.	4.4	15
13	The Pristine Inner Galaxy Survey (PIGS) I: tracing the kinematics of metal-poor stars in the Galactic bulge. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 491, L11-L16.	3.3	40
14	The Pristine survey – IX. CFHT ESPaDOnS spectroscopic analysis of 115 bright metal-poor candidate stars. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3241-3262.	4.4	40
15	Chemo-dynamics of outer halo dwarf stars, including <i>Gaia</i> -Sausage and <i>Gaia</i> -Sequoia candidates. Monthly Notices of the Royal Astronomical Society, 2020, 497, 1236-1255.	4.4	48
16	Assessing the performance of LTE and NLTE synthetic stellar spectra in a machine learning framework. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3817-3834.	4.4	13
17	Exploring the origin of low-metallicity stars in Milky-Way-like galaxies with the NIHAO-UHD simulations. Monthly Notices of the Royal Astronomical Society, 2020, 500, 3750-3762.	4.4	30
18	The Pristine Inner Galaxy Survey (PIGS) II: Uncovering the most metal-poor populations in the inner Milky Way. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4964-4978.	4.4	34

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19	The Pristine survey XI: the FORS2 sample. Monthly Notices of the Royal Astronomical Society, 2020, 493, 4677-4691.	4.4	11
20	The Pristine survey $\hat{a} \in X$ . A large population of low-metallicity stars permeates the Galactic disc. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 497, L7-L12.	3.3	46
21	The <i>Pristine</i> Survey – VIII. The metallicity distribution function of the Milky Way halo down to the extremely metal-poor regime. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4986-5002.	4.4	45
22	The chemical evolution of the dwarf spheroidal galaxy Sextans. Astronomy and Astrophysics, 2020, 642, A176.	5.1	19
23	Homogeneity in the early chemical evolution of the Sextans dwarf spheroidal galaxy. Astronomy and Astrophysics, 2020, 644, A75.	5.1	9
24	Joint gas and stellar dynamical models of WLM: an isolated dwarf galaxy within a cored, prolate DM halo. Monthly Notices of the Royal Astronomical Society, 2020, 500, 410-429.	4.4	7
25	Revised and New Proper Motions for Confirmed and Candidate Milky Way Dwarf Galaxies. Astronomical Journal, 2020, 160, 124.	4.7	56
26	The Hidden Past of M92: Detection and Characterization of a Newly Formed 17° Long Stellar Stream Using the Canada–France Imaging Survey. Astrophysical Journal, 2020, 902, 89.	4.5	20
27	Updated Proper Motions for Local Group Dwarf Galaxies Using Gaia Early Data Release 3. Research Notes of the AAS, 2020, 4, 229.	0.7	45
28	Gemini Infrared Multi-Object Spectrograph: preliminary design overview., 2020,,.		2
29	The Pristine survey – V. A bright star sample observed with SOPHIE. Monthly Notices of the Royal Astronomical Society, 2019, 487, 3797-3814.	4.4	16
30	The Pristine survey – VII. A cleaner view of the Galactic outer halo using blue horizontal branch stars. Monthly Notices of the Royal Astronomical Society, 2019, 490, 5757-5769.	4.4	13
31	The Pristine survey – VI. The first three years of medium-resolution follow-up spectroscopy of Pristine EMP star candidates. Monthly Notices of the Royal Astronomical Society, 2019, 490, 2241-2253.	4.4	51
32	Tracing the formation of the Milky Way through ultra metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2166-2180.	4.4	73
33	The R-Process Alliance: Discovery of a Low-α, r-process-enhanced Metal-poor Star in the Galactic Halo. Astrophysical Journal, 2019, 874, 148.	4.5	18
34	A-type stars in the Canada–France Imaging Survey – II. Tracing the height of the disc at large distances with Blue Stragglers. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3119-3126.	4.4	18
35	Chemical Abundances in the Ultra-faint Dwarf Galaxies Grus I and Triangulum II: Neutron-capture Elements as a Defining Feature of the Faintest Dwarfs*. Astrophysical Journal, 2019, 870, 83.	4.5	66
36	An application of deep learning in the analysis of stellar spectra. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2978-2993.	4.4	71

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37	The r-process Pattern of a Bright, Highly r-process-enhanced Metal-poor Halo Star at [Fe/H]Ââ^¼Ââ^'2. Astrophysical Journal Letters, 2018, 854, L20.	8.3	38
38	Chemistry and binarity in the early Universe: what is the role of metal-poor AGB stars?. Proceedings of the International Astronomical Union, 2018, 14, 265-267.	0.0	0
39	Evidence of ancient Milky Way merger. Nature, 2018, 563, 43-44.	27.8	1
40	The R-Process Alliance: First Release from the Northern Search for r-process-enhanced Metal-poor Stars in the Galactic Halo. Astrophysical Journal, 2018, 868, 110.	4.5	88
41	The Pristine survey IV: approaching the Galactic metallicity floor with the discovery of an ultra-metal-poor star. Monthly Notices of the Royal Astronomical Society, 2018, 481, 3838-3852.	4.4	50
42	The GeMS/GSAOI Galactic Globular Cluster Survey (G4CS). I. A Pilot Study of the Stellar Populations in NGC 2298 and NGC 3201. Astrophysical Journal, 2018, 865, 160.	4.5	13
43	Pristine dwarf galaxy survey – I. A detailed photometric and spectroscopic study of the very metal-poor Draco II satellite. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2609-2627.	4.4	60
44	A-type Stellar Abundances: A Corollary to Herschel Observations of Debris Disks. Astrophysical Journal, 2018, 857, 93.	4.5	0
45	Automated testing of optical fibres: towards the design of the Maunakea Spectroscopic Explorer Fibre Transmission System. , $2018,  ,  .$		0
46	StarNet: a deep learning analysis of infrared stellar spectra. , 2018, , .		0
47	Mauna Kea Spectroscopic Explorer (MSE): a preliminary design of multi-object high resolution spectrograph. , 2018, , .		6
48	MSE FiTS: the ultimate multi-fiber optic transmission system. , 2018, , .		5
49	Chemical Mapping of the Milky Way with The Canada–France Imaging Survey: A Non-parametric Metallicity–Distance Decomposition of the Galaxy. Astrophysical Journal, 2017, 848, 129.	4.5	19
50	The Pristine survey II: A sample of bright stars observed with FEROS. Astronomische Nachrichten, 2017, 338, 686-695.	1.2	16
51	The Pristine survey $\hat{a}\in$ " III. Spectroscopic confirmation of an efficient search for extremely metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2017, 472, 2963-2974.	4.4	45
52	The Populations of Carina. II. Chemical Enrichment <sup>*</sup> . Astrophysical Journal, Supplement Series, 2017, 230, 28.	7.7	34
53	Gemini/GRACES spectroscopy of stars in TriÂll. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3741-3752.	4.4	29
54	The peculiar globular cluster Palomar 1 and persistence in the SDSS-APOGEE data base. Monthly Notices of the Royal Astronomical Society, 2017, 470, 4782-4793.	4.4	7

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55	The Populations of Carina. I. Decoding the Color–Magnitude Diagram. Astrophysical Journal, Supplement Series, 2017, 230, 27.	7.7	2
56	The Pristine survey – I. Mining the Galaxy for the most metal-poor stars. Monthly Notices of the Royal Astronomical Society, 2017, 471, 2587-2604.	4.4	156
57	The Canada–France Imaging Survey: First Results from the u-Band Component. Astrophysical Journal, 2017, 848, 128.	4.5	62
58	Binarity in CEMP-no stars. Proceedings of the International Astronomical Union, 2017, 13, 273-274.	0.0	0
59	The Impact of Modeling Assumptions in Galactic Chemical Evolution Models. Astrophysical Journal, 2017, 835, 128.	4.5	70
60	Using the multi-object adaptive optics demonstrator RAVEN to observe metal-poor stars in and towards the Galactic Centre. Monthly Notices of the Royal Astronomical Society, 2017, 465, 3536-3557.	4.4	16
61	SEARCHING FOR THE HR 8799 DEBRIS DISK WITH HST/STIS. Astrophysical Journal, 2016, 823, 149.	4.5	23
62	GRACES observations of young [ $\hat{l}_{\pm}/Fe$ ]-rich stars. Monthly Notices of the Royal Astronomical Society, 2016, 459, 487-495.	4.4	46
63	Solo dwarfs I: survey introduction and first results for the Sagittarius dwarf irregular galaxy. Monthly Notices of the Royal Astronomical Society, 2016, 458, 1678-1695.	4.4	22
64	Chemical Abundances of Metal-poor stars in Dwarf Galaxies. Proceedings of the International Astronomical Union, 2015, 11, 159-163.	0.0	0
65	The chemistry of the most metal-rich damped Lyman α systems at <i>z</i> Ââ <sup>1</sup> /4Â2 – II. Context with the Local Group. Monthly Notices of the Royal Astronomical Society, 2015, 452, 4326-4346.	4.4	32
66	The early days of the Sculptor dwarf spheroidal galaxy. Astronomy and Astrophysics, 2015, 583, A67.	5.1	64
67	Chemical abundances in the globular clusters NGC 5024 and NGC 5466 from opticala <sup>2</sup> and infrared spectroscopy. Monthly Notices of the Royal Astronomical Society, 2015, 448, 42-58.	4.4	27
68	Integrated light chemical tagging analyses of seven M31 outer halo globular clusters from the Pan-Andromeda Archaeological Surveyâ~ Monthly Notices of the Royal Astronomical Society, 2015, 448, 1314-1334.	4.4	31
69	i process and CEMP-s+r stars. , 2015, , .		1
70	Binarity in carbon-enhanced metal-poor starsa~ Monthly Notices of the Royal Astronomical Society, 2014, 441, 1217-1229.	4.4	135
71	Optimal integrated abundances for chemical tagging of extragalactic globular clustersa˜ Monthly Notices of the Royal Astronomical Society, 2014, 443, 2285-2310.	4.4	17
72	Multi-object adaptive optics on-sky results with Raven. Proceedings of SPIE, 2014, , .	0.8	8

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73	SEARCHING FOR DUST AROUND HYPER METAL POOR STARS. Astrophysical Journal, 2014, 791, 98.	4.5	23
74	VLT/FLAMES spectroscopy of red giant branch stars in the Fornax dwarf spheroidal galaxy. Astronomy and Astrophysics, 2014, 572, A88.	5.1	59
75	Spectrum syntheses of high-resolution integrated light spectra of Galactic globular clustersa˜ Monthly Notices of the Royal Astronomical Society, 2013, 434, 358-386.	4.4	27
76	A search for boron in damped Lyl $$ t systems. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2892-2906.	4.4	8
77	THE COMPARATIVE CHEMICAL EVOLUTION OF AN ISOLATED DWARF GALAXY: A VLT AND KECK SPECTROSCOPIC SURVEY OF WLM. Astrophysical Journal, 2013, 767, 131.	4.5	72
78	A HIGH-RESOLUTION SPECTROSCOPIC SEARCH FOR THE REMAINING DONOR FOR TYCHO'S SUPERNOVA. Astrophysical Journal, 2013, 774, 99.	4.5	62
79	Connections between MWG Star Clusters and Dwarf Galaxies. Proceedings of the International Astronomical Union, 2012, 10, 275-277.	0.0	0
80	Gemini high-resolution optical spectrograph conceptual design. Proceedings of SPIE, 2012, , .	0.8	2
81	THE RESOLVED STRUCTURE AND DYNAMICS OF AN ISOLATED DWARF GALAXY: A VLT AND KECK SPECTROSCOPIC SURVEY OF WLM. Astrophysical Journal, 2012, 750, 33.	4.5	91
82	NUCLEOSYNTHESIS AND THE INHOMOGENEOUS CHEMICAL EVOLUTION OF THE CARINA DWARF GALAXY. Astrophysical Journal, 2012, 751, 102.	4.5	127
83	The scatter about the â€~Universal' dwarf spheroidal mass profile: a kinematic study of the M31 satellites And V and And VI. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1170-1182.	4.4	22
84	DETAILED CHEMICAL ABUNDANCES OF FOUR STARS IN THE UNUSUAL GLOBULAR CLUSTER PALOMAR 1. Astrophysical Journal, 2011, 740, 106.	4.5	23
85	Through thick and thin: kinematic and chemical components in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2011, , no-no.	4.4	31
86	PROBING THE M33 HALO USING RR LYRAE STARS. Astronomical Journal, 2011, 142, 198.	4.7	8
87	Stellar Kinematics of the Isolated Dwarf Irregular WLM. EAS Publications Series, 2011, 48, 59-60.	0.3	1
88	The Search for Extremely Low-Metallicity Stars in Dwarf Galaxies Using the NIR Ca II Triplet. EAS Publications Series, 2011, 48, 13-18.	0.3	1
89	Flames High Resolution Spectroscopy of RGB Stars in the Carina Dwarf Spheroidal Galaxy. EAS Publications Series, 2011, 48, 73-75.	0.3	0
90	Science with GYES: a multifibre high-resolution spectrograph for the prime focus of the Canada-France-Hawaii Telescope. , 2010, , .		1

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91	The NIR CaÂii triplet at low metallicity. Astronomy and Astrophysics, 2010, 513, A34.	5.1	179
92	GYES, A Multifibre Spectrograph for the CFHT. EAS Publications Series, 2010, 45, 219-222.	0.3	1
93	Raven: a harbinger of multi-object adaptive optics-based instruments at the Subaru Telescope. , 2010, , .		5
94	STELLAR METALLICITIES AND KINEMATICS IN A GAS-RICH DWARF GALAXY: FIRST CALCIUM TRIPLET SPECTROSCOPY OF RED GIANT BRANCH STARS IN WLM. Astrophysical Journal, 2009, 699, 1-14.	4.5	35
95	Chemical composition of extremely metal-poor stars in the Sextans dwarf spheroidal galaxy. Astronomy and Astrophysics, 2009, 502, 569-578.	5.1	92
96	Could the Ultra–Metalâ€Poor Stars be Chemically Peculiar and Not Related to the First Stars?. Astrophysical Journal, 2008, 677, 572-580.	4.5	37
97	Ram Pressure Stripping of an Isolated Local Group Dwarf Galaxy: Evidence for an Intragroup Medium. Astrophysical Journal, 2007, 671, L33-L36.	4.5	45
98	TheSpitzerSurvey of the Small Magellanic Cloud: S3MC Imaging and Photometry in the Mid―and Farâ€Infrared Wave Bands. Astrophysical Journal, 2007, 655, 212-232.	4.5	176
99	Rotational Velocities for B0-B3 Stars in Seven Young Clusters: Further Study of the Relationship between Rotation Speed and Density in Star-Forming Regions. Astronomical Journal, 2007, 133, 1092-1103.	4.7	83
100	The Spatial Homogeneity of Nebular and Stellar Oxygen Abundances in the Local Group Dwarf Irregular Galaxy NGC 6822. Astrophysical Journal, 2006, 642, 813-833.	4.5	71
101	Stellar Rotation: A Clue to the Origin of High-Mass Stars?. Astronomical Journal, 2006, 132, 749-755.	4.7	16
102	A New View of the Dwarf Spheroidal Satellites of the Milky Way from VLT FLAMES: Where Are the Very Metal-poor Stars?. Astrophysical Journal, 2006, 651, L121-L124.	4.5	178
103	Testing Rotational Mixing Predictions with New Boron Abundances in Mainâ€Sequence Bâ€Type Stars. Astrophysical Journal, 2006, 640, 1039-1050.	4.5	21
104	IRMOS: The near-infrared multi-object spectrograph for the TMT., 2006,,.		8
105	The Araucaria Project: VLT Spectra of Blue Supergiants in WLM— Classification and First Abundances. Astrophysical Journal, 2006, 648, 1007-1019.	4.5	70
106	Investigating the Possible Anomaly between Nebular and Stellar Oxygen Abundances in the Dwarf Irregular Galaxy WLM. Astrophysical Journal, 2005, 620, 223-237.	4.5	50
107	A Comparison of Elemental Abundance Ratios in Globular Clusters, Field Stars, and Dwarf Spheroidal Galaxies. Astronomical Journal, 2005, 130, 2140-2165.	4.7	219
108	Chemistry of Stars in the Sculptor Dwarf Galaxy from VLT-FLAMES. Proceedings of the International Astronomical Union, 2005, 1, 513-518.	0.0	1

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109	Stellar Abundances in Local Group Galaxies. Highlights of Astronomy, 2005, 13, 548-553.	0.0	1
110	First Stellar Abundances in the Dwarf Irregular Galaxy Sextans A. Astronomical Journal, 2004, 127, 2723-2737.	4.7	61
111	Two Distinct Ancient Components in the Sculptor Dwarf Spheroidal Galaxy: First Results from the Dwarf Abundances and Radial Velocities Team. Astrophysical Journal, 2004, 617, L119-L122.	4.5	299
112	Stellar Chemical Signatures and Hierarchical Galaxy Formation. Astronomical Journal, 2004, 128, 1177-1195.	4.7	634
113	The Chemical Composition of Two Supergiants in the Dwarf Irregular Galaxy WLM. Astronomical Journal, 2003, 126, 1326-1345.	4.7	63
114	VLT/UVES Abundances in Four Nearby Dwarf Spheroidal Galaxies. II. Implications for Understanding Galaxy Evolution. Astronomical Journal, 2003, 125, 707-726.	4.7	222
115	VLT/UVES Abundances in Four Nearby Dwarf Spheroidal Galaxies. I. Nucleosynthesis and Abundance Ratios. Astronomical Journal, 2003, 125, 684-706.	4.7	419
116	Chemical abundances of massive stars in Local Group galaxies. Symposium - International Astronomical Union, 2003, 212, 30-37.	0.1	1
117	The present-day chemical composition of the SMC from UVES spectra of the sharp-lined, B-type dwarf AVÂ304. Astronomy and Astrophysics, 2003, 400, 21-30.	5.1	65
118	Boron Abundances in Bâ€Type Stars: A Test of Rotational Depletion during Mainâ€Sequence Evolution. Astrophysical Journal, 2002, 565, 571-586.	4.5	47
119	First Stellar Abundances in NGC 6822 from VLTâ€UVES and Keckâ€HIRES Spectroscopy. Astrophysical Journal, 2001, 547, 765-776.	4.5	109
120	Analysis of Four A–F Supergiants in M31 from Keck HIRES Spectroscopy. Astrophysical Journal, 2000, 541, 610-623.	4.5	66
121	Aâ€Type Supergiant Abundances in the Small Magellanic Cloud: Probes of Evolution. Astrophysical Journal, 1999, 518, 405-421.	4.5	160
122	Extragalactic Stellar Abundances: Oxygen in Extreme A-Type Supergiants. Globular Clusters - Guides To Galaxies, 1999, , 123-123.	0.1	0
123	Massâ€Loss Rates and Stellar Wind Momenta of Aâ€Supergiants in M31: First Results from the Keck HIRES Spectrograph. Astrophysical Journal, 1997, 482, 757-764.	4.5	36
124	The Distance to an X-Ray Shadowing Molecular Cloud in Ursa Major. Astrophysical Journal, 1996, 464, 836.	4.5	28
125	Stellar Abundances and Winds of A-Type Supergiant Stars in M33: First Results from the Keck HIRES Spectrograph. Astrophysical Journal, 1995, 455, .	4.5	41
126	On Spectral Line Formation and Measurement in Cepheids: Implications to Distance Determination. Astrophysical Journal, 1995, 446, 250.	4.5	58

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127	CNO Abundances and the Evolutionary Status of Galactic, A-Type Supergiants. Astrophysical Journal, 1995, 449, 839.	4.5	71
128	Atmospheric Parameters and LTE Abundances for 22 Galactic, A-Type Supergiants. Astrophysical Journal, Supplement Series, 1995, 99, 659.	7.7	81
129	LTE and NLTE abundances in a-supergiants a test of their evolutionary status. Space Science Reviews, 1994, 66, 163-168.	8.1	0
130	LTE and NLTE Abundances in A-Supergiants a Test of Their Evolutionary Status. , 1994, , 163-168.		0
131	IRC +10420 - A cool hypergiant near the top of the H-R diagram. Astrophysical Journal, 1993, 411, 323.	4.5	85
132	CNO abundances and the evolutionary status of three A-type supergiants. Astrophysical Journal, 1993, 414, 316.	4.5	12
133	The chemical composition of three Lambda Bootis stars. Astrophysical Journal, 1990, 363, 234.	4.5	182