

# Kenneth C Freeman

## List of Publications by Year in descending order

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238  
papers

18,161  
citations

8172

76  
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15249

126  
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239  
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239  
docs citations

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times ranked

7699  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Radial Velocity Experiment (RAVE): First Data Release. <i>Astronomical Journal</i> , 2006, 132, 1645-1668.	1.9	716
2	The GALAH survey: scientific motivation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 449, 2604-2617.	1.6	535
3	The RAVE survey: constraining the local Galactic escape speed. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 379, 755-772.	1.6	519
4	The HIPASS catalogue - I. Data presentation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 1195-1209.	1.6	467
5	THE ACS NEARBY GALAXY SURVEY TREASURY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 67-108.	3.0	435
6	STRUCTURE AND KINEMATICS OF THE STELLAR HALOS AND THICK DISKS OF THE MILKY WAY BASED ON CALIBRATION STARS FROM SLOAN DIGITAL SKY SURVEY DR7. <i>Astrophysical Journal</i> , 2010, 712, 692-727.	1.6	408
7	The 1000 Brightest HIPASS Galaxies: HiProperties. <i>Astronomical Journal</i> , 2004, 128, 16-46.	1.9	405
8	THE RADIAL VELOCITY EXPERIMENT (RAVE): FIFTH DATA RELEASE. <i>Astronomical Journal</i> , 2017, 153, 75.	1.9	380
9	A Dearth of Dark Matter in Ordinary Elliptical Galaxies. <i>Science</i> , 2003, 301, 1696-1698.	6.0	334
10	The Emergence of the Thick Disk in a Cold Dark Matter Universe. <i>Astrophysical Journal</i> , 2004, 612, 894-899.	1.6	321
11	THE RADIAL VELOCITY EXPERIMENT (RAVE): FOURTH DATA RELEASE. <i>Astronomical Journal</i> , 2013, 146, 134.	1.9	278
12	Formation of the Centauri from an ancient nucleated dwarf galaxy in the young Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, L11-L15.	1.6	274
13	The GALAH Survey: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4513-4552.	1.6	269
14	The radial velocity dispersion profile of the Galactic halo: constraining the density profile of the dark halo of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 364, 433-442.	1.6	252
15	ARGOS III. Stellar populations in the Galactic bulge of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 836-857.	1.6	245
16	The Magellanic Stream, High-Velocity Clouds, and the Sculptor Group. <i>Astrophysical Journal</i> , 2003, 586, 170-194.	1.6	236
17	The wobbly Galaxy: kinematics north and south with RAVE red-clump giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 101-121.	1.6	226
18	A Neutral Hydrogen Survey of the Large Magellanic Cloud: Aperture Synthesis and Multibeam Data Combined. <i>Astrophysical Journal, Supplement Series</i> , 2003, 148, 473-486.	3.0	225

#	ARTICLE	IF	CITATIONS
19	THE RADIAL VELOCITY EXPERIMENT (RAVE): SECOND DATA RELEASE. <i>Astronomical Journal</i> , 2008, 136, 421-451.	1.9	203
20	Kinematic properties of early-type galaxy haloes using planetary nebulae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 1249-1283.	1.6	178
21	The 1000 Brightest HIPASS Galaxies: The HiMass Function and Hi. <i>Astronomical Journal</i> , 2003, 125, 2842-2858.	1.9	173
22	The HIPASS catalogue – III. Optical counterparts and isolated dark galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 34-44.	1.6	172
23	The Survey for Ionization in Neutral Gas Galaxies. I. Description and Initial Results. <i>Astrophysical Journal, Supplement Series</i> , 2006, 165, 307-337.	3.0	170
24	The Planetary Nebula System and Dynamics of NGC 5128. III. Kinematics and Halo Mass Distributions. <i>Astrophysical Journal</i> , 1995, 449, 592.	1.6	169
25	THE CASE FOR THE DUAL HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2012, 746, 34.	1.6	157
26	ARGOS – IV. The kinematics of the Milky Way bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 2092-2103.	1.6	157
27	Constraining the Galaxy's dark halo with RAVE stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3133-3151.	1.6	157
28	NGC 2915.II.A Dark Spiral Galaxy With a Blue Compact Dwarf Core. <i>Astronomical Journal</i> , 1996, 111, 1551.	1.9	152
29	H $\alpha$ Emission from High-Velocity Clouds and Their Distances. <i>Astrophysical Journal</i> , 2003, 597, 948-956.	1.6	151
30	THE RADIAL VELOCITY EXPERIMENT (RAVE): THIRD DATA RELEASE. <i>Astronomical Journal</i> , 2011, 141, 187.	1.9	149
31	The Northern HIPASS catalogue - data presentation, completeness and reliability measures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 1855-1864.	1.6	147
32	THE LONG-TERM EVOLUTION OF THE GALACTIC DISK TRACED BY DISSOLVING STAR CLUSTERS. <i>Astrophysical Journal</i> , 2010, 713, 166-179.	1.6	140
33	The Survey for Ionization in Neutral Gas Galaxies. III. Diffuse, Warm Ionized Medium and Escape of Ionizing Radiation. <i>Astrophysical Journal</i> , 2007, 661, 801-814.	1.6	139
34	A deep kinematic survey of planetary nebulae in the Andromeda galaxy using the Planetary Nebula Spectrograph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 120-142.	1.6	133
35	THE ORIGIN OF THE SPLIT RED CLUMP IN THE GALACTIC BULGE OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2012, 756, 22.	1.6	126
36	Discovery of Numerous Dwarf Galaxies in the Two Nearest Groups of Galaxies.. <i>Astronomical Journal</i> , 1997, 114, 1313.	1.9	123

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37	NGC 300: An Extremely Faint, Outer Stellar Disk Observed to 10 Scale Lengths. <i>Astrophysical Journal</i> , 2005, 629, 239-249.	1.6	119
38	The Planetary Nebula System and Dynamics in the Outer Halo of NGC 5128. <i>Astrophysical Journal</i> , 2004, 602, 685-704.	1.6	117
39	Mapping the Galactic Halo. I. The "Spaghetti" Survey. <i>Astronomical Journal</i> , 2000, 119, 2254-2273.	1.9	115
40	Microlensing Optical Depth toward the Galactic Bulge Using Clump Giants from the MACHO Survey. <i>Astrophysical Journal</i> , 2005, 631, 879-905.	1.6	114
41	The Globular Cluster System of NGC 5128. II. Ages, Metallicities, Kinematics, and Formation. <i>Astrophysical Journal</i> , 2004, 602, 705-722.	1.6	113
42	K-band observations of boxy bulges - I. Morphology and surface brightness profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 753-772.	1.6	113
43	Chemical Homogeneity in Collinder 261 and Implications for Chemical Tagging. <i>Astronomical Journal</i> , 2007, 133, 1161-1175.	1.9	112
44	ARGOS " II. The Galactic bulge survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 3660-3670.	1.6	110
45	The TESS "HERMES survey data release 1: high-resolution spectroscopy of the TESS southern continuous viewing zone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 2004-2019.	1.6	109
46	Gravitational Microlensing Events Due to Stellar-Mass Black Holes. <i>Astrophysical Journal</i> , 2002, 579, 639-659.	1.6	108
47	Chemical Homogeneity in the Hyades. <i>Astronomical Journal</i> , 2006, 131, 455-460.	1.9	108
48	KINEMATIC MODELING OF THE MILKY WAY USING THE RAVE AND GCS STELLAR SURVEYS. <i>Astrophysical Journal</i> , 2014, 793, 51.	1.6	106
49	Intracluster Planetary Nebulae in Virgo: Photometric Selection, Spectroscopic Validation, and Cluster Depth. <i>Astronomical Journal</i> , 2002, 123, 760-771.	1.9	106
50	The Extragalactic Origin of the Arcturus Group. <i>Astrophysical Journal</i> , 2004, 601, L43-L46.	1.6	105
51	Chemically Tagging the HR 1614 Moving Group. <i>Astronomical Journal</i> , 2007, 133, 694-704.	1.9	104
52	The Planetary Nebula Spectrograph elliptical galaxy survey: the dark matter in NGC 4494. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 393, 329-353.	1.6	104
53	APASS LANDOLT-SLOAN <i>BVgr<sub>i</sub></i> PHOTOMETRY OF RAVE STARS. I. DATA, EFFECTIVE TEMPERATURES, AND REDDENINGS. <i>Astronomical Journal</i> , 2014, 148, 81.	1.9	100
54	The flattened dark halo of polar ring galaxy NGC 4650A: A conspiracy of shapes?. <i>Astrophysical Journal</i> , 1994, 436, 629.	1.6	99

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55	The Sixth Data Release of the Radial Velocity Experiment (Rave). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances. <i>Astronomical Journal</i> , 2020, 160, 83.	1.9	96
56	Dearth of dark matter or massive dark halo? Mass-shape-anisotropy degeneracies revealed by nmagic dynamical models of the elliptical galaxy NGC 3379. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 76-96.	1.6	95
57	The Line-of-Sight Velocity Distributions of Intracluster Planetary Nebulae in the Virgo Cluster Core. <i>Astrophysical Journal</i> , 2004, 614, L33-L36.	1.6	93
58	The MACHO Project Large Magellanic Cloud Variable Star Inventory. XI. Frequency Analysis of the Fundamental Mode RR Lyrae Stars. <i>Astrophysical Journal</i> , 2003, 598, 597-609.	1.6	92
59	MAPPING THE GALACTIC HALO. VIII. QUANTIFYING SUBSTRUCTURE. <i>Astrophysical Journal</i> , 2009, 698, 567-579.	1.6	92
60	The HIPASS catalogue - II. Completeness, reliability and parameter accuracy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 1210-1219.	1.6	91
61	Detection of a radial velocity gradient in the extended local disc with RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 412, 2026-2032.	1.6	91
62	The P.N.S Elliptical Galaxy Survey: Data Reduction, Planetary Nebula Catalog, and Basic Dynamics for NGC 3379. <i>Astrophysical Journal</i> , 2007, 664, 257-276.	1.6	90
63	The R-Process Alliance: First Release from the Northern Search for r-process-enhanced Metal-poor Stars in the Galactic Halo. <i>Astrophysical Journal</i> , 2018, 868, 110.	1.6	88
64	Narrowband Imaging in [O III] and H $\alpha$ to Search for Intracluster Planetary Nebulae in the Virgo Cluster. <i>Astronomical Journal</i> , 2003, 125, 514-524.	1.9	88
65	Isolated Star Formation: A Compact H II Region in the Virgo Cluster. <i>Astrophysical Journal</i> , 2002, 580, L121-L124.	1.6	87
66	Estimation of the tilt of the stellar velocity ellipsoid from RAVE and implications for mass models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 391, 793-801.	1.6	86
67	Shell Structure in the Fornax Dwarf Spheroidal Galaxy. <i>Astronomical Journal</i> , 2004, 127, 832-839.	1.9	85
68	The Metallicity Distribution of Intracluster Stars in Virgo. <i>Astrophysical Journal</i> , 2007, 656, 756-769.	1.6	85
69	The Sixth Data Release of the Radial Velocity Experiment (RAVE). I. Survey Description, Spectra, and Radial Velocities. <i>Astronomical Journal</i> , 2020, 160, 82.	1.9	85
70	Halo Star Streams in the Solar Neighborhood. <i>Astronomical Journal</i> , 2007, 134, 1579-1595.	1.9	84
71	Variability-selected Quasars in MACHO Project Magellanic Cloud Fields. <i>Astronomical Journal</i> , 2003, 125, 1-12.	1.9	82
72	An Absence of Hot Jupiter Planets in 47 Tucanae: Results of a Wide-Field Transit Search. <i>Astrophysical Journal</i> , 2005, 620, 1043-1051.	1.6	82

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73	A Wide-Field Survey of the Fornax Dwarf Spheroidal Galaxy. <i>Astronomical Journal</i> , 2005, 129, 1443-1464.	1.9	81
74	Structure and kinematics of edge-on galaxy discs - V. The dynamics of stellar discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 358, 503-520.	1.6	80
75	The PN.S Elliptical Galaxy Survey: a standard $\Lambda$ CDM halo around NGC 4374? ... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 2035-2053.	1.6	80
76	The Planetary Nebula Spectrograph: The Green Light for Galaxy Kinematics. <i>Publications of the Astronomical Society of the Pacific</i> , 2002, 114, 1234-1251.	1.0	79
77	Detection of Intracluster Planetary Nebulae in the Coma Cluster. <i>Astrophysical Journal</i> , 2005, 621, L93-L96.	1.6	78
78	Mass-to-light ratio gradients in early-type galaxy haloes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 691-706.	1.6	78
79	Intracluster Stellar Population Properties from N-body Cosmological Simulations. I. Constraints at $z=0$ . <i>Astrophysical Journal</i> , 2003, 594, 172-185.	1.6	77
80	Intergalactic HII Regions Discovered in SINGG. <i>Astronomical Journal</i> , 2004, 127, 1431-1440.	1.9	74
81	Intracluster Stars in the Virgo Cluster Core. <i>Astronomical Journal</i> , 2005, 129, 2585-2596.	1.9	74
82	First results from the H&fi Jodrell All Sky Survey: inclination-dependent selection effects in a 21-cm blind survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 342, 738-758.	1.6	70
83	A NEW STELLAR CHEMO-KINEMATIC RELATION REVEALS THE MERGER HISTORY OF THE MILKY WAY DISK. <i>Astrophysical Journal Letters</i> , 2014, 781, L20.	3.0	70
84	FASHIONABLY LATE? BUILDING UP THE MILKY WAY'S INNER HALO. <i>Astrophysical Journal</i> , 2009, 694, 130-143.	1.6	69
85	THE RAVE CATALOG OF STELLAR ELEMENTAL ABUNDANCES: FIRST DATA RELEASE. <i>Astronomical Journal</i> , 2011, 142, 193.	1.9	68
86	The rich are different: evidence from the RAVE survey for stellar radial migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 3526-3535.	1.6	68
87	Mapping the Galactic Halo. V. Sagittarius Dwarf Spheroidal Tidal Debris 60° from the Main Body. <i>Astrophysical Journal</i> , 2001, 555, L37-L40.	1.6	67
88	A Young Blue Tidal Stream in NGC 5128. <i>Astronomical Journal</i> , 2002, 124, 3144-3156.	1.9	67
89	The Globular Cluster System of NGC 5128. I. Survey and Catalogs. <i>Astrophysical Journal, Supplement Series</i> , 2004, 150, 367-385.	3.0	66
90	Principal component analysis on chemical abundances spaces. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1231-1255.	1.6	65

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91	In the thick of it: metal-poor disc stars in RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 3231-3246.	1.6	65
92	GNOSIS: THE FIRST INSTRUMENT TO USE FIBER BRAGG GRATINGS FOR OH SUPPRESSION. <i>Astronomical Journal</i> , 2013, 145, 51.	1.9	64
93	The Survey for Ionization in Neutral Gas Galaxies. II. The Star Formation Rate Density of the Local Universe. <i>Astrophysical Journal</i> , 2006, 649, 150-162.	1.6	63
94	CARBON-ENHANCED METAL-POOR STARS: CEMP- <i>s</i> and CEMP-no SUBCLASSES IN THE HALO SYSTEM OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2014, 788, 180.	1.6	63
95	The RAVE-on Catalog of Stellar Atmospheric Parameters and Chemical Abundances for Chemo-dynamic Studies in the Gaia Era. <i>Astrophysical Journal</i> , 2017, 840, 59.	1.6	63
96	Kinematic Evidence for an Old Stellar Halo in the Large Magellanic Cloud. <i>Science</i> , 2003, 301, 1508-1510.	6.0	62
97	First light results from the High Efficiency and Resolution Multi-Element Spectrograph at the Anglo-Australian Telescope. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2015, 1, 035002.	1.0	62
98	Is the sky falling? Searching for stellar streams in the local Milky Way disc in the CORAVEL and RAVE surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 11-32.	1.6	61
99	THE ABUNDANCE GRADIENT IN THE EXTREMELY FAINT OUTER DISK OF NGC 300. <i>Astrophysical Journal</i> , 2009, 697, 361-372.	1.6	61
100	THE SLOPE OF THE BARYONIC TULLY-FISHER RELATION. <i>Astronomical Journal</i> , 2010, 140, 663-676.	1.9	61
101	PLATO <i>as it is</i> : A legacy mission for Galactic archaeology. <i>Astronomische Nachrichten</i> , 2017, 338, 644-661.	0.6	61
102	The GALAH survey: the data reduction pipeline. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1259-1281.	1.6	60
103	Tracing the star stream through M31 using planetary nebula kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, L62-L66.	1.6	59
104	A search for new members of the $\beta$ Pictoris, Tucana-Horologium and $\mu$ Cha moving groups in the RAVE data base. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 411, 117-123.	1.6	58
105	METAL-POOR LITHIUM-RICH GIANTS IN THE RADIAL VELOCITY EXPERIMENT SURVEY. <i>Astrophysical Journal</i> , 2011, 743, 107.	1.6	57
106	SCALING LAWS FOR DARK MATTER HALOS IN LATE-TYPE AND DWARF SPHEROIDAL GALAXIES. <i>Astrophysical Journal</i> , 2016, 817, 84.	1.6	56
107	Planetary Nebula Spectrograph survey of S0 galaxy kinematics – II. Clues to the origins of S0 galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1010-1020.	1.6	55
108	A Comprehensive Catalog of Variable Stars in the Field of 47 Tucanae. <i>Astronomical Journal</i> , 2004, 128, 736-760.	1.9	54

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109	THE DAWNING OF THE STREAM OF AQUARIUS IN RAVE. <i>Astrophysical Journal</i> , 2011, 728, 102.	1.6	54
110	ORIGINS OF THE THICK DISK AS TRACED BY THE ALPHA ELEMENTS OF METAL-POOR GIANT STARS SELECTED FROM RAVE. <i>Astrophysical Journal Letters</i> , 2010, 721, L92-L96.	3.0	52
111	YOUNG STARS IN AN OLD BULGE: A NATURAL OUTCOME OF INTERNAL EVOLUTION IN THE MILKY WAY. <i>Astrophysical Journal Letters</i> , 2014, 787, L19.	3.0	51
112	Globular Cluster and Galaxy Formation: M31, the Milky Way, and Implications for Globular Cluster Systems of Spiral Galaxies. <i>Astrophysical Journal</i> , 2004, 614, 158-166.	1.6	50
113	Testing formation mechanisms of the Milky Way's thick disc with RAVE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 2235-2241.	1.6	50
114	AN H I SURVEY OF SIX LOCAL GROUP ANALOGS. II. H I PROPERTIES OF GROUP GALAXIES. <i>Astrophysical Journal</i> , Supplement Series, 2011, 197, 28.	3.0	48
115	Characterizing the high-velocity stars of RAVE: the discovery of a metal-rich halo star born in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 447, 2046-2058.	1.6	48
116	The Galah Survey: Classification and Diagnostics with t-SNE Reduction of Spectral Information. <i>Astrophysical Journal</i> , Supplement Series, 2017, 228, 24.	3.0	48
117	Is the Milky Way still breathing? RAVE's Gaia streaming motions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 2679-2696.	1.6	47
118	At the low-mass end - Light and H I distribution of GR 8. <i>Astronomical Journal</i> , 1990, 99, 178.	1.9	47
119	EXPLORING THE MORPHOLOGY OF RAVE STELLAR SPECTRA. <i>Astrophysical Journal</i> , Supplement Series, 2012, 200, 14.	3.0	46
120	Mapping the Galactic Halo. III. Simulated Observations of Tidal Streams. <i>Astronomical Journal</i> , 2001, 122, 1397-1419.	1.9	45
121	An HiSurvey of Six Local Group Analogs. I. Survey Description and the Search for High-Velocity Clouds. <i>Astrophysical Journal</i> , 2007, 662, 959-968.	1.6	45
122	THE METAL-ENRICHED OUTER DISK OF NGC 2915. <i>Astrophysical Journal</i> , 2010, 715, 656-664.	1.6	45
123	EVIDENCE OF TIDAL DEBRIS FROM $\sim 10\%$ Cen IN THE KAPTEYN GROUP. <i>Astronomical Journal</i> , 2010, 139, 636-645.	1.9	45
124	Where Are the High-Velocity Clouds in Local Group Analogs?. <i>Astrophysical Journal</i> , 2004, 610, L17-L20.	1.6	43
125	Extended H [CSC]i/[CSC] Spiral Structure and the Figure Rotation of Triaxial Dark Halos. <i>Astrophysical Journal</i> , 2002, 574, L21-L24.	1.6	43
126	Virgo's Intracluster Globular Clusters as Seen by the Advanced Camera for Surveys. <i>Astrophysical Journal</i> , 2007, 654, 835-843.	1.6	42



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127	The GALAH survey: verifying abundance trends in the open cluster M67 using non-LTE modelling. Monthly Notices of the Royal Astronomical Society, 2018, 481, 2666-2684.	1.6	41
128	HIDEEP - an extragalactic blind survey for very low column-density neutral hydrogen. Monthly Notices of the Royal Astronomical Society, 2003, 346, 787-802.	1.6	40
129	Pseudo-“three-dimensional maps of the diffuse interstellar band at 862 nm. Science, 2014, 345, 791-795.	6.0	39
130	Evidence for the Third Stellar Population in the Milky Way’s Disk. Astrophysical Journal, 2019, 887, 22.	1.6	39
131	The cosmological significance of low surface brightness galaxies found in a deep blind neutral hydrogen survey. Monthly Notices of the Royal Astronomical Society, 2004, 355, 1303-1314.	1.6	38
132	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1–3. Astronomical Journal, 2018, 155, 84.	1.9	38
133	A Catalog of H [CSC]i/[CSC]–selected Galaxies from the South Celestial Cap Region of Sky. Astronomical Journal, 2002, 124, 690-705.	1.9	37
134	The Baryonic Tully–Fisher Relation. Publications of the Astronomical Society of Australia, 2004, 21, 412-414.	1.3	37
135	Testing the nature of SO galaxies using planetary nebula kinematics in NGC 1023. Monthly Notices of the Royal Astronomical Society, 2008, 384, 943-952.	1.6	37
136	Unravelling the origins of SO galaxies using maximum likelihood analysis of planetary nebulae kinematics. Monthly Notices of the Royal Astronomical Society, 2011, 414, 642-651.	1.6	37
137	Suppression of the near-infrared OH night-sky lines with fibre Bragg gratings - first results. Monthly Notices of the Royal Astronomical Society, 2012, 425, 1682-1695.	1.6	37
138	The GALAH survey: properties of the Galactic disc(s) in the solar neighbourhood. Monthly Notices of the Royal Astronomical Society, 2018, 476, 5216-5232.	1.6	36
139	The large-scale distribution of neutral hydrogen in the Fornax region. Monthly Notices of the Royal Astronomical Society, 2002, 337, 641-656.	1.6	35
140	Galaxy Genesis – Unravelling the Epoch of Dissipation in the Early Disk. Publications of the Astronomical Society of Australia, 2004, 21, 110-120.	1.3	35
141	THE STRUCTURE AND METALLICITY GRADIENT IN THE EXTREME OUTER DISK OF NGC 7793. Astrophysical Journal, 2011, 732, 7.	1.6	35
142	The GALAH survey: chemical tagging of star clusters and new members in the Pleiades. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4612-4633.	1.6	35
143	NGC 3256: Kinematic Anatomy of a Merger. Astronomical Journal, 2003, 125, 1134-1149.	1.9	34
144	Reconstructing Fossil Sub-structures of the Galactic Disk: Clues from Abundance Patterns of Old Open Clusters and Moving Groups. Publications of the Astronomical Society of Australia, 2009, 26, 11-16.	1.3	34

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145	DOUBLE-LINED SPECTROSCOPIC BINARY STARS IN THE RAVE SURVEY. <i>Astronomical Journal</i> , 2010, 140, 184-195.	1.9	33
146	High-resolution elemental abundance analysis of the Hyades supercluster~.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 563-575.	1.6	33
147	Isolated OB Associations in Stripped H<sup>i</sup> Gas Clouds. <i>Astrophysical Journal</i> , 2008, 678, 888-906.	1.6	32
148	The influence of a kinematically cold young component on disc~“halo decompositions in spiral galaxies: insights from solar neighbourhood K-giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 1484-1494.	1.6	32
149	Mapping the Galactic Halo. VI. Spectroscopic Measures of Luminosity and Metallicity. <i>Astronomical Journal</i> , 2003, 125, 2502-2520.	1.9	31
150	Candidates for Intracluster Planetary Nebulae in the Virgo Cluster Based on the Suprime-Cam Narrow-Band Imaging in [O III] and $\text{H}\alpha$ . <i>Publication of the Astronomical Society of Japan</i> , 2002, 54, 883-889.	1.0	30
151	The HiContent of E+A Galaxies. <i>Astrophysical Journal</i> , 2006, 649, 163-171.	1.6	30
152	A Catalog of H <sup>i</sup> Clouds in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , Supplement Series, 2007, 171, 419-446.	3.0	29
153	THE RAVE SURVEY: RICH IN VERY METAL-POOR STARS. <i>Astrophysical Journal Letters</i> , 2010, 724, L104-L108.	3.0	29
154	THE CHEMICAL SIGNATURE OF A RELIC STAR CLUSTER IN THE SEXTANS DWARF SPHEROIDAL GALAXY~“IMPLICATIONS FOR NEAR-FIELD COSMOLOGY. <i>Astrophysical Journal</i> , 2012, 759, 111.	1.6	29
155	The selection function of the RAVE survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3368-3380.	1.6	29
156	Resolving the disc~“halo degeneracy ~“ I: a look at NGC 628. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 1909-1930.	1.6	29
157	DIFFUSE INTERSTELLAR BAND AT 8620 Å... IN RAVE: A NEW METHOD FOR DETECTING THE DIFFUSE INTERSTELLAR BAND IN SPECTRA OF COOL STARS. <i>Astrophysical Journal</i> , 2013, 778, 86.	1.6	28
158	The GALAH survey: stellar streams and how stellar velocity distributions vary with Galactic longitude, hemisphere, and metallicity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 228-254.	1.6	28
159	The 1000 Brightest HIPASS Galaxies: Newly Cataloged Galaxies. <i>Astronomical Journal</i> , 2002, 124, 1954-1974.	1.9	27
160	ASTRONOMY: The Hunt for Dark Matter in Galaxies. <i>Science</i> , 2003, 302, 1902-1903.	6.0	27
161	Dissecting galactic bulges in space and time ~“ I. The importance of early formation scenarios versus secular evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 2837-2860.	1.6	26
162	The age~“metallicity relation in the solar neighbourhood from a pilot sample of white dwarf~“main sequence binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1137-1143.	1.6	26

#	ARTICLE	IF	CITATIONS
163	Differential chemical abundance analysis of a 47 Tucani $\frac{1}{2}$ asymptotic giant branch star with respect to Arcturus. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1039-1048.	1.6	25
164	CN ANOMALIES IN THE HALO SYSTEM AND THE ORIGIN OF GLOBULAR CLUSTERS IN THE MILKY WAY. Astrophysical Journal, 2013, 769, 87.	1.6	25
165	The GALAH survey and Gaia DR2: (non-)existence of five sparse high-latitude open clusters. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5242-5259.	1.6	25
166	Galactic Bulge Microlensing Events from the MACHO Collaboration. Astrophysical Journal, 2005, 631, 906-934.	1.6	24
167	Stellar Kinematics for the Central Spheroid in the Polar Disk Galaxy NGC 4650A. Astrophysical Journal, 2006, 643, 200-209.	1.6	24
168	High-resolution elemental abundance analysis of the open cluster IC 4756. Monthly Notices of the Royal Astronomical Society, 2012, 427, 882-892.	1.6	24
169	CHROMOSPHERICALLY ACTIVE STARS IN THE RADIAL VELOCITY EXPERIMENT (RAVE) SURVEY. I. THE CATALOG. Astrophysical Journal, 2013, 776, 127.	1.6	24
170	The GALAH survey: accurate radial velocities and library of observed stellar template spectra. Monthly Notices of the Royal Astronomical Society, 2018, 481, 645-654.	1.6	24
171	NGC 922 - a new drop-through ring galaxy.... Monthly Notices of the Royal Astronomical Society, 2006, 370, 1607-1611.	1.6	23
172	Evidence of Early Enrichment of the Galactic Disk by Large-Scale Winds. Publication of the Astronomical Society of Japan, 2010, 62, 447-456.	1.0	23
173	Spectroscopy of Globular Clusters out to Large Radius in the Sombrero Galaxy. Astrophysical Journal, 2007, 658, 980-992.	1.6	22
174	The velocity ellipsoid in the Galactic disc using Gaia DR1. Monthly Notices of the Royal Astronomical Society, 2018, 474, 854-865.	1.6	22
175	The COMBS survey - I. Chemical origins of metal-poor stars in the Galactic bulge. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2283-2300.	1.6	22
176	Mapping the Galactic Halo. IV. Finding Distant Giants Reliably with the Washington System. Astronomical Journal, 2001, 121, 283-294.	1.9	22
177	Structure and kinematics of edge-on galaxy discs - I. Observations of the stellar kinematics. Monthly Notices of the Royal Astronomical Society, 2004, 351, 1247-1265.	1.6	21
178	HiStudies of the Sculptor Group Galaxies. VIII. The Background Galaxies: NGC 24 and NGC 45. Astronomical Journal, 2006, 132, 2527-2538.	1.9	21
179	SINGLE-LINED SPECTROSCOPIC BINARY STAR CANDIDATES IN THE RAVE SURVEY. Astronomical Journal, 2011, 141, 200.	1.9	21
180	CHROMOSPHERICALLY ACTIVE STARS IN THE RAVE SURVEY. II. YOUNG DWARFS IN THE SOLAR NEIGHBORHOOD. Astrophysical Journal, 2017, 835, 61.	1.6	21

#	ARTICLE	IF	CITATIONS
181	The Resolved Stellar Populations of a Dwarf Spheroidal Galaxy in the Virgo Cluster. <i>Astrophysical Journal</i> , 2007, 656, 746-755.	1.6	19
182	Identification of globular cluster stars in RAVE data â€“ I. Application to stellar parameter calibration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 1229-1246.	1.6	19
183	Multi-Slit Imaging Spectroscopy Technique: Catalog of Intracluster Planetary Nebulae in the Coma Cluster. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, 419-425.	1.0	18
184	The R-Process Alliance: Discovery of a Low- $\alpha$ , r-process-enhanced Metal-poor Star in the Galactic Halo. <i>Astrophysical Journal</i> , 2019, 874, 148.	1.6	18
185	Probing Halos of Galaxies at Very Large Radii Using Background QSOs. <i>Astrophysical Journal</i> , 2005, 618, 178-194.	1.6	17
186	Star formation history and evolution of gas-rich dwarf galaxies in the Centaurus A group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 374, 107-130.	1.6	17
187	HiDetection of Two Dwarf S0 Galaxies in Nearby Groups: ESO 384-016 and NGC 59. <i>Astronomical Journal</i> , 2006, 131, 325-331.	1.9	16
188	Expansion Velocities and Core Masses of Bright Planetary Nebulae in the Virgo Cluster. <i>Astrophysical Journal</i> , 2008, 674, L17-L20.	1.6	16
189	TRACING THE ORIGIN OF THE AQUARIUS STREAM. I. <i>Astrophysical Journal</i> , 2012, 755, 35.	1.6	16
190	Identification of Globular Cluster Stars in RAVE data II: Extended tidal debris around NGC 3201. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2078-2085.	1.6	16
191	The COMBS Survey - II. Distinguishing the metal-poor bulge from the halo interlopers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 5981-5996.	1.6	16
192	The Origin of the Milky Way's Halo Age Distribution. <i>Astrophysical Journal Letters</i> , 2018, 859, L7.	3.0	13
193	Giant H [CSC]ii/[CSC] Regions in the Merging System NGC 3256: Are They the Birthplaces of Globular Clusters?. <i>Astronomical Journal</i> , 2003, 125, 1124-1133.	1.9	12
194	Single-lined Spectroscopic Binary Star Candidates from a Combination of the RAVE and Gaia DR2 Surveys. <i>Astronomical Journal</i> , 2019, 158, 155.	1.9	12
195	The COMBS Survey â€“ III. The chemodynamical origins of metal-poor bulge stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 122-144.	1.6	12
196	The parent populations of six groups identified from chemical tagging in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2354-2366.	1.6	11
197	Identification of an $[\alpha/\text{Fe}]$ -Enhanced Thick Disk Component in an Edge-on Milky Way Analog. <i>Astrophysical Journal Letters</i> , 2021, 913, L11.	3.0	11
198	The shape of dark matter haloes â€“ III. Kinematics and structure of the H&#i%o disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 32-47.	1.6	10

#	ARTICLE	IF	CITATIONS
199	The shape of dark matter haloes – IV. The structure of stellar discs in edge-on galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 48-64.	1.6	10
200	The shape of dark matter haloes – V. Analysis of observations of edge-on galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 65-84.	1.6	10
201	Holistic spectroscopy: complete reconstruction of a wide-field, multiobject spectroscopic image using a photonic comb. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5475-5494.	1.6	10
202	Near-identical star formation rate densities from H $\alpha$ and FUV at redshift zero. Monthly Notices of the Royal Astronomical Society, 2018, 480, 119-133.	1.6	10
203	Choirs, H $\alpha$ galaxy groups: catalogue and detection of star-forming dwarf group members. Monthly Notices of the Royal Astronomical Society, 2013, 433, 543-559.	1.6	9
204	A giant galaxy in the young Universe with a massive ring. Nature Astronomy, 2020, 4, 957-964.	4.2	9
205	Mapping the Galactic Halo. II. Photometric Survey. Astronomical Journal, 2000, 120, 2496-2512.	1.9	9
206	Integrating the HERMES spectrograph for the AAT. Proceedings of SPIE, 2012, , .	0.8	8
207	The GALAH survey: relative throughputs of the 2dF fibre positioner and the HERMES spectrograph from stellar targets. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1069-1081.	1.6	8
208	Mapping the tilt of the Milky Way bulge velocity ellipsoids with ARGOS and Gaia DR2. Monthly Notices of the Royal Astronomical Society, 2021, 502, 1740-1752.	1.6	8
209	Anomalous Evolution of the Dwarf Galaxy HIPASS J1321-31. Astrophysical Journal, 2003, 596, L47-L50.	1.6	7
210	MORE PIECES OF THE PUZZLE: CHEMISTRY AND SUBSTRUCTURES IN THE GALACTIC THICK DISK. Astrophysical Journal, 2014, 791, 135.	1.6	7
211	The GALAH Survey: No Chemical Evidence of an Extragalactic Origin for the Nyx Stream. Astrophysical Journal Letters, 2021, 912, L30.	3.0	7
212	THE RECENT STAR FORMATION HISTORY OF NGC 5102. Astronomical Journal, 2010, 139, 984-993.	1.9	6
213	BEYOND THE BRIM OF THE HAT: KINEMATICS OF GLOBULAR CLUSTERS OUT TO LARGE RADII IN THE SOMBRERO GALAXY. Astronomical Journal, 2014, 147, 150.	1.9	6
214	Galaxies, Globular Clusters, and Dark Matter. Annual Review of Astronomy and Astrophysics, 2017, 55, 1-16.	8.1	6
215	The GALAH survey: a catalogue of carbon-enhanced stars and CEMP candidates. Monthly Notices of the Royal Astronomical Society, 2019, 483, 3196-3212.	1.6	6
216	The shape of dark matter haloes – I. H $\alpha$ observations of edge-on galaxies. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2-20.	1.6	5

#	ARTICLE	IF	CITATIONS
217	The GALAH Survey: A New Sample of Extremely Metal-poor Stars Using a Machine-learning Classification Algorithm. <i>Astrophysical Journal</i> , 2022, 930, 47.	1.6	5
218	The shape of dark matter haloes – II. The Galactus H&I modelling & fitting tool. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 21-31.	1.6	4
219	Near Field Cosmology: The Origin of the Galaxy and the Local Group. <i>Saas-Fee Advanced Course</i> , 2014, , 1-144.	1.1	4
220	First light results from the Hermes spectrograph at the AAT. <i>Proceedings of SPIE</i> , 2014, , .	0.8	3
221	Dark Matter and the Tully–Fisher Law. <i>Publications of the Astronomical Society of Australia</i> , 2004, 21, 382-384.	1.3	2
222	Kinematic Substructures in the Coma Cluster Core as traced by Intracluster Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 337.	0.0	2
223	The Building of Galactic Disks: Insights from the Triangulum Spiral Galaxy Messier 33. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 29-35.	0.0	1
224	Sorting Out the Colors of Globular Clusters. <i>Science</i> , 2006, 311, 1105-1106.	6.0	1
225	HERMES – An instrument of the future. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 448-449.	0.0	1
226	Discovery of a Group of Receding, Variable Halo Stars toward Norma. <i>Astrophysical Journal</i> , 2017, 844, 159.	1.6	1
227	Intracluster Planetary Nebulae in the Coma Cluster: First Detections and Future Prospects. <i>AIP Conference Proceedings</i> , 2005, , .	0.3	0
228	E+A Galaxies: Did They Lose The A to Become E?. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 200-200.	0.0	0
229	Constraining the internal dynamics of stellar systems using the NMAGIC particle code. <i>Proceedings of the International Astronomical Union</i> , 2007, 3, 27-30.	0.0	0
230	Chemical evolution of the Galaxy disk in connection with large-scale winds. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 393-398.	0.0	0
231	Evidence of Omega Cen tidal debris in the Kapteyn moving group. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 263-266.	0.0	0
232	JD1-The Planetary Nebulae and the Dynamics of NGC 1399. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 66-66.	0.0	0
233	Prospects for wide field multi-object spectroscopic instrumentation. <i>EAS Publications Series</i> , 2010, 45, 213-218.	0.3	0
234	Galactic bulges: the importance of early formation scenarios vs. secular evolution. <i>Proceedings of the International Astronomical Union</i> , 2014, 10, 163-164.	0.0	0

#	ARTICLE	IF	CITATIONS
235	The halo of M49 and its environment as traced by planetary nebulae. Proceedings of the International Astronomical Union, 2016, 12, 293-297.	0.0	0
236	Resolving the Disk-Halo Degeneracy using Planetary Nebulae. Proceedings of the International Astronomical Union, 2016, 12, 284-287.	0.0	0
237	The age-metallicity relation from a sample of white dwarf-main sequence binaries. Proceedings of the International Astronomical Union, 2017, 13, 355-357.	0.0	0
238	Planetary Nebulae in NGC 5128 (Centaurus A). , 2006, , 59-66.		0