

# Martin Asplund

## List of Publications by Citations

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186  
papers

20,598  
citations

65  
h-index

142  
g-index

195  
ext. papers

23,166  
ext. citations

5.8  
avg, IF

6.96  
L-index

#	Paper	IF	Citations
186	The Chemical Composition of the Sun. <i>Annual Review of Astronomy and Astrophysics</i> , <b>2009</b> , 47, 481-522	31.7	5468
185	The [ITAL]Forbidden[/ITAL] Abundance of Oxygen in the Sun. <i>Astrophysical Journal</i> , <b>2001</b> , 556, L63-L66	4.7	795
184	The PLATO 2.0 mission. <i>Experimental Astronomy</i> , <b>2014</b> , 38, 249-330	1.3	672
183	Line formation in solar granulation. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 417, 751-768	5.1	633
182	New constraints on the chemical evolution of the solar neighbourhood and Galactic disc(s). <i>Astronomy and Astrophysics</i> , <b>2011</b> , 530, A138	5.1	572
181	New Light on Stellar Abundance Analyses: Departures from LTE and Homogeneity. <i>Annual Review of Astronomy and Astrophysics</i> , <b>2005</b> , 43, 481-530	31.7	520
180	An absolutely calibrated Teff scale from the infrared flux method. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 512, A54	5.1	519
179	The Solar Chemical Composition. <i>Space Science Reviews</i> , <b>2007</b> , 130, 105-114	7.5	469
178	Nucleosynthetic signatures of the first stars. <i>Nature</i> , <b>2005</b> , 434, 871-3	50.4	419
177	The GALAH survey: scientific motivation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 449, 2604-2617	4.3	386
176	A Reappraisal of the Solar Photospheric C/O Ratio. <i>Astrophysical Journal</i> , <b>2002</b> , 573, L137-L140	4.7	364
175	THE PECULIAR SOLAR COMPOSITION AND ITS POSSIBLE RELATION TO PLANET FORMATION. <i>Astrophysical Journal</i> , <b>2009</b> , 704, L66-L70	4.7	293
174	NEW SOLAR COMPOSITION: THE PROBLEM WITH SOLAR MODELS REVISITED. <i>Astrophysical Journal</i> , <b>2009</b> , 705, L123-L127	4.7	259
173	Non-LTE calculations for neutral Na in late-type stars using improved atomic data. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 528, A103	5.1	241
172	A single low-energy, iron-poor supernova as the source of metals in the star SMSS J031300.36-670839.3. <i>Nature</i> , <b>2014</b> , 506, 463-6	50.4	238
171	Non-LTE line formation of Fe in late-type stars III. 1D spectroscopic stellar parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 427, 50-60	4.3	225
170	Solar Surface Convection. <i>Living Reviews in Solar Physics</i> , <b>2009</b> , 6, 2	24.8	214

169	THE MOST METAL-POOR STARS. II. CHEMICAL ABUNDANCES OF 190 METAL-POOR STARS INCLUDING 10 NEW STARS WITH $[Fe/H] \approx -0.5$ , .. <i>Astrophysical Journal</i> , <b>2013</b> , 762, 26	4.7	207
168	Non-LTE line formation of Fe in late-type stars II. Standard stars with 1D and <3D> model atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2012</b> , 427, 27-49	4.3	203
167	Accurate abundance patterns of solar twins and analogs. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 508, L17-L20	5.1	195
166	The GALAH Survey: second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 478, 4513-4552	4.3	193
165	Departures from LTE for neutral Li in late-type stars. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 503, 541-544	5.1	191
164	The elemental composition of the Sun. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A26	5.1	184
163	HE 1327-326, an Unevolved Star with $[Fe/H] \approx -0.5$ . <i>Astrophysical Journal</i> , <b>2006</b> , 639, 897-917	4.7	158
162	Signatures of intrinsic Li depletion and Li-Na anti-correlation in the metal-poor globular cluster NGC 6397. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 503, 545-557	5.1	157
161	NOMINAL VALUES FOR SELECTED SOLAR AND PLANETARY QUANTITIES: IAU 2015 RESOLUTION B3. <i>Astronomical Journal</i> , <b>2016</b> , 152, 41	4.9	154
160	The Stagger-grid: A grid of 3D stellar atmosphere models. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 557, A26	5.1	151
159	Three-dimensional hydrodynamical simulations of surface convection in red giant stars. <i>Astronomy and Astrophysics</i> , <b>2007</b> , 469, 687-706	5.1	151
158	The elemental composition of the Sun. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A25	5.1	150
157	The elemental composition of the Sun. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 573, A27	5.1	147
156	Line formation in solar granulation. <i>Astronomy and Astrophysics</i> , <b>2005</b> , 431, 693-705	5.1	146
155	THE MOST METAL-POOR STARS. IV. THE TWO POPULATIONS WITH $[Fe/H] \approx -0.0$ . <i>Astrophysical Journal</i> , <b>2013</b> , 762, 28	4.7	139
154	The GALAH survey: observational overview and GaiaDR1 companion. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 465, 3203-3219	4.3	123
153	Lithium depletion in solar-like stars: no planet connection. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 519, A87	5.1	118
152	Improvements to stellar structure models, based on a grid of 3D convection simulations III. Calibrating the mixing-length formulation. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 445, 4366-4384	4.3	114

151	Helium enhanced stars and multiple populations along the horizontal branch of NGC 2808: direct spectroscopic measurements. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 437, 1609-1627	4.3	111
150	The Solar Twin Planet Search. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 572, A48	5.1	108
149	Iron and s-elements abundance variations in NGC 286: comparison with 'anomalous' globular clusters and Milky Way satellites. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 450, 815-845	4.3	107
148	The Influence of Atomic Diffusion on Stellar Ages and Chemical Tagging. <i>Astrophysical Journal</i> , <b>2017</b> , 840, 99	4.7	105
147	Chemical Homogeneity in Collinder 261 and Implications for Chemical Tagging. <i>Astronomical Journal</i> , <b>2007</b> , 133, 1161-1175	4.9	105
146	The lithium isotopic ratio in very metal-poor stars. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 554, A96	5.1	104
145	The SUMO project I. A survey of multiple populations in globular clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2013</b> , 431, 2126-2149	4.3	100
144	A GRID OF THREE-DIMENSIONAL STELLAR ATMOSPHERE MODELS OF SOLAR METALLICITY. I. GENERAL PROPERTIES, GRANULATION, AND ATMOSPHERIC EXPANSION. <i>Astrophysical Journal</i> , <b>2013</b> , 769, 18	4.7	99
143	Chemical evolution of the Galactic bulge as traced by microlensed dwarf and subgiant stars. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A89	5.1	98
142	Radiative transfer with scattering for domain-decomposed 3D MHD simulations of cool stellar atmospheres. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 517, A49	5.1	98
141	Inelastic H+Li and H+Li+collisions and non-LTE Li I line formation in stellar atmospheres. <i>Astronomy and Astrophysics</i> , <b>2003</b> , 409, L1-L4	5.1	95
140	The GALAH survey and Gaia DR2: dissecting the stellar disc phase space by age, action, chemistry, and location. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 486, 1167-1191	4.3	93
139	The remarkable solar twin HIP 6948: a prime target in the quest for other Earths. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 543, A29	5.1	91
138	Non-LTE line formation of Fe in late-type stars III. 3D non-LTE analysis of metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 1518-1533	4.3	90
137	GLOBAL AND NONGLOBAL PARAMETERS OF HORIZONTAL-BRANCH MORPHOLOGY OF GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , <b>2014</b> , 785, 21	4.7	89
136	New and improved experimental oscillator strengths in Zr II and the solar abundance of zirconium. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 456, 1181-1185	5.1	87
135	AN ELEMENTAL ASSAY OF VERY, EXTREMELY, AND ULTRA-METAL-POOR STARS. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 173	4.7	85
134	The Chemical Homogeneity of Sun-like Stars in the Solar Neighborhood. <i>Astrophysical Journal</i> , <b>2018</b> , 865, 68	4.7	83

133	HIGH-RESOLUTION SPECTROSCOPIC STUDY OF EXTREMELY METAL-POOR STAR CANDIDATES FROM THE SKYMAPPER SURVEY. <i>Astrophysical Journal</i> , <b>2015</b> , 807, 171	4.7	81
132	A possible signature of terrestrial planet formation in the chemical composition of solar analogs. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 521, A33	5.1	77
131	Center-to-limb variation of solar line profiles as a test of NLTE line formation calculations. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 423, 1109-1117	5.1	77
130	Non-LTE oxygen line formation in 3D hydrodynamic model stellar atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 455, 3735-3751	4.3	75
129	The Chemical Compositions of the Extreme Halo Stars HE 0107-5240 and HE 1327-2326 Inferred from Three-dimensional Hydrodynamical Model Atmospheres. <i>Astrophysical Journal</i> , <b>2006</b> , 644, L121-L124	4.7	75
128	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> , <b>2018</b> , 473, 2004-2019	4.3	71
127	The GALAH+ survey: Third data release. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 506, 150-201	4.3	70
126	The Solar Twin Planet Search. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 590, A32	5.1	68
125	Multi-level 3D non-LTE computations of lithium lines in the metal-poor halo stars HD 140283 and HD 84937. <i>Astronomy and Astrophysics</i> , <b>2003</b> , 399, L31-L34	5.1	68
124	Extremely metal-poor stars from the cosmic dawn in the bulge of the Milky Way. <i>Nature</i> , <b>2015</b> , 527, 484-487	30.4	67
123	THE DISSIMILAR CHEMICAL COMPOSITION OF THE PLANET-HOSTING STARS OF THE XO-2 BINARY SYSTEM. <i>Astrophysical Journal</i> , <b>2015</b> , 808, 13	4.7	66
122	Line formation in solar granulation. <i>Astronomy and Astrophysics</i> , <b>2006</b> , 456, 675-688	5.1	65
121	The Hyades open cluster is chemically inhomogeneous. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 457, 3934-3948	4.3	64
120	How realistic are solar model atmospheres?. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 554, A118	5.1	62
119	The double sub-giant branch of NGC 6656 (M 22): a chemical characterization. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 541, A15	5.1	62
118	STELLAR CHEMICAL ABUNDANCES: IN PURSUIT OF THE HIGHEST ACHIEVABLE PRECISION. <i>Astrophysical Journal</i> , <b>2014</b> , 795, 23	4.7	61
117	Oxygen lines in solar granulation. <i>Astronomy and Astrophysics</i> , <b>2009</b> , 508, 1403-1416	5.1	61
116	The GALAH survey: An abundance, age, and kinematic inventory of the solar neighbourhood made with TGAS. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 624, A19	5.1	61

115	EXPLORING THE ORIGIN OF LITHIUM, CARBON, STRONTIUM, AND BARIUM WITH FOUR NEW ULTRA METAL-POOR STARS. <i>Astrophysical Journal</i> , <b>2014</b> , 787, 162	4.7	60
114	3D NLTE analysis of the most iron-deficient star, SMSS0313-6708. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A6	5.1	58
113	The Oxygen Abundance of HE 1327-2326. <i>Astrophysical Journal</i> , <b>2006</b> , 638, L17-L20	4.7	55
112	Nucleosynthetic history of elements in the Galactic disk. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 593, A125	5.1	54
111	The EMBLA survey $\Gamma$ metal-poor stars in the Galactic bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 460, 884-901	4.3	53
110	Chemical signatures of planets: beyond solar-twins. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 561, A7	5.1	52
109	NUCLEOSYNTHESIS IN A PRIMORDIAL SUPERNOVA: CARBON AND OXYGEN ABUNDANCES IN SMSS J031300.36870839.3. <i>Astrophysical Journal Letters</i> , <b>2015</b> , 806, L16	7.9	51
108	ON THE SOLAR NICKEL AND OXYGEN ABUNDANCES. <i>Astrophysical Journal</i> , <b>2009</b> , 691, L119-L122	4.7	51
107	The halo+cluster system of the Galactic globular cluster NGC 1851?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2014</b> , 442, 3044-3064	4.3	50
106	THE MOST METAL-POOR STARS. I. DISCOVERY, DATA, AND ATMOSPHERIC PARAMETERS. <i>Astrophysical Journal</i> , <b>2013</b> , 762, 25	4.7	50
105	The chemical compositions of solar twins in the open cluster M67. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 696-704	4.3	48
104	The GALAH survey: the data reduction pipeline. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 1259-1281	4.3	47
103	Non-LTE line formation of Fe in late-type stars $\Gamma$ IV. Modelling of the solar centre-to-limb variation in 3D. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 468, 4311-4322	4.3	45
102	A high-precision chemical abundance analysis of the HAT-P-1 stellar binary: constraints on planet formation?. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2014</b> , 442, L51-L55	4.3	45
101	The solar silicon abundance based on 3D non-LTE calculations. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 464, 264-273	4.3	44
100	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> , <b>2015</b> , 1, 035002 <sup>1</sup>		44
99	Chemical Abundances from Inversions of Stellar Spectra: Analysis of Solar-Type Stars with Homogeneous and Static Model Atmospheres. <i>Astrophysical Journal</i> , <b>2001</b> , 558, 830-851	4.7	41
98	The K2-HERMES Survey: age and metallicity of the thick disc. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 490, 5335-5352	4.3	40

97	The temporal evolution of neutron-capture elements in the Galactic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> ,	4.3	38
96	The Galactic chemical evolution of oxygen inferred from 3D non-LTE spectral-line-formation calculations. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2015</b> , 454, L11-L15	4.3	38
95	3D LTE spectral line formation with scattering in red giant stars. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 529, A158	5.1	37
94	The solar, exoplanet and cosmological lithium problems. <i>Astrophysics and Space Science</i> , <b>2010</b> , 328, 193-200		37
93	The Solar Twin Planet Search. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 619, A73	5.1	37
92	Line formation in solar granulation. <i>Astronomy and Astrophysics</i> , <b>2004</b> , 417, 769-774	5.1	36
91	Effective temperature determinations of late-type stars based on 3D non-LTE Balmer line formation. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 615, A139	5.1	36
90	The chemical make-up of the Sun: A 2020 vision. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 653, A141	5.1	36
89	The GALAH survey and Gaia DR2: Linking ridges, arches, and vertical waves in the kinematics of the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 4962-4979	4.3	35
88	The Galah Survey: Classification and Diagnostics with t-SNE Reduction of Spectral Information. <i>Astrophysical Journal, Supplement Series</i> , <b>2017</b> , 228, 24	8	34
87	DOES SEGUE/SDSS INDICATE A DUAL GALACTIC HALO?. <i>Astrophysical Journal</i> , <b>2014</b> , 786, 7	4.7	34
86	Kepler-11 is a Solar Twin: Revising the Masses and Radii of Benchmark Planets via Precise Stellar Characterization. <i>Astrophysical Journal</i> , <b>2017</b> , 839, 94	4.7	33
85	The K2-HERMES Survey. I. Planet-candidate Properties from K2 Campaigns 1B. <i>Astronomical Journal</i> , <b>2018</b> , 155, 84	4.9	33
84	Inelastic O+H collisions and the O I 777 nm solar centre-to-limb variation. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 616, A89	5.1	33
83	Spectroscopy and Photometry of Multiple Populations along the Asymptotic Giant Branch of NGC 2808 and NGC 6121 (M4). <i>Astrophysical Journal</i> , <b>2017</b> , 843, 66	4.7	32
82	The GALAH survey: verifying abundance trends in the open cluster M67 using non-LTE modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 2666-2684	4.3	32
81	The asteroseismic surface effect from a grid of 3D convection simulations II. Frequency shifts from convective expansion of stellar atmospheres. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2017</b> , 466, L43-L47	4.3	31
80	The lowest detected stellar Fe abundance: the halo star SMSS J160540.18□44323.1. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2019</b> , 488, L109-L113	4.3	30

79	The Solar Twin Planet Search. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 597, A34	5.1	30
78	The Solar Twin Planet Search. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 592, A156	5.1	30
77	Atomic diffusion and mixing in old stars. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 589, A61	5.1	30
76	The GALAH survey: properties of the Galactic disc(s) in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 476, 5216-5232	4.3	29
75	Accurate effective temperatures of the metal-poor benchmark stars HD 140283, HD 122563, and HD 103095 from CHARA interferometry. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2018</b> , 475, L81-L85	4.3	29
74	The GALAH survey: chemodynamics of the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 493, 2952-2964	4.3	28
73	Metallicity Variations in the Type II Globular Cluster NGC 6934. <i>Astrophysical Journal</i> , <b>2018</b> , 859, 81	4.7	28
72	The SkyMapper DR1.1 search for extremely metal-poor stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 489, 5900-5918	4.3	28
71	The StaggerGrid project: a grid of 3-D model atmospheres for high-precision spectroscopy. <i>Journal of Physics: Conference Series</i> , <b>2011</b> , 328, 012003	0.3	28
70	The GALAH survey: chemical tagging of star clusters and new members in the Pleiades. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 473, 4612-4633	4.3	28
69	The Li $\epsilon$ correlation: the Sun is unusually Li deficient for its age. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 485, 4052-4059	4.3	27
68	Chemical (in)homogeneity and atomic diffusion in the open cluster M 67. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 627, A117	5.1	26
67	The GALAH Survey: non-LTE departure coefficients for large spectroscopic surveys. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A62	5.1	25
66	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> , <b>2018</b> , 478, 228-254	4.3	24
65	3D non-LTE line formation of neutral carbon in the Sun. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 624, A111	5.1	24
64	The Solar Twin Planet Search. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 581, A34	5.1	22
63	Constraining the evolution of stellar rotation using solar twins. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2019</b> , 485, L68-L72	4.3	21
62	Shallow extra mixing in solar twins inferred from Be abundances. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 576, L10	5.1	21



61	Atomic data for the Gaia-ESO Survey. <i>Astronomy and Astrophysics</i> , <b>2021</b> , 645, A106	5.1	21
60	The GALAH survey: accurate radial velocities and library of observed stellar template spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 481, 645-654	4.3	21
59	Implications of solar wind measurements for solar models and composition. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 463, 2-9	4.3	20
58	The benchmark halo giant HD 122563: CNO abundances revisited with three-dimensional hydrodynamic model stellar atmospheres. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 475, 3369-3392	4.3	18
57	Detailed chemical compositions of the wide binary HD 80606/80607: revised stellar properties and constraints on planet formation. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 614, A138	5.1	16
56	3D NLTE spectral line formation of lithium in late-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 500, 2159-2176	4.3	15
55	Exploring the Galaxy's halo and very metal-weak thick disc with SkyMapper and Gaia DR2. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 2539-2561	4.3	15
54	The GALAH survey: temporal chemical enrichment of the galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 491, 2043-2056	4.3	15
53	First high-precision differential abundance analysis of extremely metal-poor stars. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A67	5.1	14
52	The detailed chemical composition of the terrestrial planet host Kepler-10. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 456, 2636-2646	4.3	14
51	The GALAH survey: a new constraint on cosmological lithium and Galactic lithium evolution from warm dwarf stars. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , <b>2020</b> , 497, L30-L34	4.3	13
50	Stellar ages and masses in the solar neighbourhood: Bayesian analysis using spectroscopy and Gaia DR1 parallaxes. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 2966-2975	4.3	13
49	Thorium in solar twins: implications for habitability in rocky planets. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 482, 1690-1700	4.3	13
48	r-Process elements from magnetorotational hypernovae. <i>Nature</i> , <b>2021</b> , 595, 223-226	5.0.4	13
47	The COMBS survey II. Chemical origins of metal-poor stars in the Galactic bulge. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 2283-2300	4.3	12
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32	Integrating the HERMES spectrograph for the AAT <b>2012</b> ,		7
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28	The GALAH Survey: Dependence of elemental abundances on age and metallicity for stars in the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4.3	5
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