Friedrich Anders

List of Publications by Citations

36 papers	5,192 citations	22 h-index	37 g-index
37 ext. papers	6,520 ext. citations	4.7 avg, IF	4.08 L-index

#	Paper	IF	Citations
36	THE TENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST SPECTROSCOPIC DATA FROM THE SDSS-III APACHE POINT OBSERVATORY GALACTIC EVOLUTION EXPERIMENT. *Astrophysical Journal, Supplement Series*, **2014**, 211, 17	8	760
35	Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe. *Astronomical Journal*, **2017**, 154, 28	4.9	733
34	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). *Astronomical Journal*, **2017**, 154, 94	4.9	713
33	The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment. *Astrophysical Journal, Supplement Series*, **2018**, 235, 42	8	657
32	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. *Astrophysical Journal, Supplement Series*, **2020**, 249, 3	8	363
31	CHEMICAL CARTOGRAPHY WITH APOGEE: METALLICITY DISTRIBUTION FUNCTIONS AND THE CHEMICAL STRUCTURE OF THE MILKY WAY DISK. *Astrophysical Journal*, **2015**, 808, 132	4.7	360
30	ABUNDANCES, STELLAR PARAMETERS, AND SPECTRA FROM THE SDSS-III/APOGEE SURVEY. *Astronomical Journal*, **2015**, 150, 148	4.9	292
29	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. *Astrophysical Journal, Supplement Series*, **2017**, 233, 25	8	284
28	TRACING CHEMICAL EVOLUTION OVER THE EXTENT OF THE MILKY WAY'S DISK WITH APOGEE RED CLUMP STARS. *Astrophysical Journal*, **2014**, 796, 38	4.7	149
27	Photo-astrometric distances, extinctions, and astrophysical parameters for Gaia DR2 stars brighter than G = 18. *Astronomy and Astrophysics*, **2019**, 628, A94	5.1	122
26	Bayesian distances and extinctions for giants observed by Kepler and APOGEE. *Monthly Notices of the Royal Astronomical Society*, **2014**, 445, 2758-2776	4.3	119
25	Chemical tagging with APOGEE: discovery of a large population of N-rich stars in the inner Galaxy. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 501-524	4.3	114
24	Young □enriched giant stars in the solar neighbourhood. *Monthly Notices of the Royal Astronomical Society*, **2015**, 451, 2230-2243	4.3	106
23	Hunting for open clusters in Gaia DR2: 582 new open clusters in the Galactic disc. *Astronomy and Astrophysics*, **2020**, 635, A45	5.1	74
22	Spectro-photometric distances to stars: A general purpose Bayesian approach. *Astronomy and Astrophysics*, **2016**, 585, A42	5.1	53
21	The Open Cluster Chemical Abundances and Mapping Survey. IV. Abundances for 128 Open Clusters Using SDSS/APOGEE DR16. *Astronomical Journal*, **2020**, 159, 199	4.9	49
20	Dissecting stellar chemical abundance space with t-SNE. *Astronomy and Astrophysics*, **2018**, 619, A125	5.1	36

19	Spiral arm crossings inferred from ridges in Gaia stellar velocity distributions. *Monthly Notices of the Royal Astronomical Society*, **2018**, 480, 3132-3139	4.3	32
18	The Sixth Data Release of the Radial Velocity Experiment (Rave). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances. *Astronomical Journal*, **2020**, 160, 83	4.9	26
17	The Sixth Data Release of the Radial Velocity Experiment (RAVE). I. Survey Description, Spectra, and Radial Velocities. *Astronomical Journal*, **2020**, 160, 82	4.9	26
16	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. *Astrophysical Journal, Supplement Series*, **2022**, 259, 35	8	24
15	Where is the fuzz? Undetected Lyman□ebulae around quasars atz~ 2.3. *Astronomy and Astrophysics*, **2015**, 576, A115	5.1	22
14	3D kinematics and age distribution of the open cluster population. *Astronomy and Astrophysics*, **2021**, 647, A19	5.1	17
13	The metal-rich halo tail extended in |z|: a characterization with Gaia DR2 and APOGEE. *Monthly Notices of the Royal Astronomical Society*, **2019**, 487, 1462-1479	4.3	13
12	The star cluster age function in the Galactic disc with Gaia DR2. *Astronomy and Astrophysics*, **2021**, 645, L2	5.1	10
11	Galactic Archaeology with CoRoT and APOGEE: Creating mock observations from a chemodynamical model. *Astronomische Nachrichten*, **2016**, 337, 926-930	0.7	10
10	Milky Way spiral arms from open clusters in Gaia EDR3. *Astronomy and Astrophysics*, **2021**, 652, A162	5.1	5
9	Cardinal kinematics: I. Rotation fields of the APOGEE Survey. *Monthly Notices of the Royal Astronomical Society*, **2017**, stx096	4.3	4
8	The outer disc in shambles: Blind detection of Monoceros and the ACS with Gaia□ astrometric sample. *Astronomy and Astrophysics*, **2021**, 646, A99	5.1	4
7	New Observational Constraints to Milky Way Chemodynamical Models. *Thirty Years of Astronomical Discovery With UKIRT*, **2015**, 111-123	0.3	3
6	Searching for Extragalactic Exoplanetary Systems: The Curious Case of BD+20 2457. *Astrophysical Journal Letters*, **2021**, 913, L3	7.9	2
5	The (im)possibility of strong chemical tagging. *Astronomy and Astrophysics*,	5.1	2
4	Photo-chemo-dynamical analysis and the origin of the bulge globular cluster, Palomar 6. *Astronomy and Astrophysics*,	5.1	2
3	The DR14 APOGEE-TGAS catalogue: Precise chemo-kinematics in the extended solar vicinity. *Proceedings of the International Astronomical Union*, **2017**, 13, 153-157	0.1	1
2	NGC 1605 is not a Binary Cluster. *Research Notes of the AAS*, **2022**, 6, 58	0.8	0

1 Precise distances to red giant stars with seismic data using the near-IR surface-brightness relation. *Proceedings of the International Astronomical Union*, **2017**, 13, 368-369 0.1