Deokkeun An

List of Publications by Citations

39 papers	7,781 citations	20 h-index	39 g-index
39 ext. papers	8,250 ext. citations	5.6 avg, IF	4.51 L-index

#	Paper	IF	Citations
39	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. *Astrophysical Journal, Supplement Series*, **2009**, 182, 543-558	8	3780
38	THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. *Astrophysical Journal, Supplement Series*, **2011**, 193, 29	8	1063
37	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITHg= 14-20. *Astronomical Journal*, **2009**, 137, 4377-4399	4.9	779
36	A REVISED EFFECTIVE TEMPERATURE SCALE FOR THE KEPLER INPUT CATALOG. *Astrophysical Journal, Supplement Series*, **2012**, 199, 30	8	253
35	THE SEGUE STELLAR PARAMETER PIPELINE. II. VALIDATION WITH GALACTIC GLOBULAR AND OPEN CLUSTERS. *Astronomical Journal*, **2008**, 136, 2050-2069	4.9	237
34	THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE KEPLER FIELDS. *Astrophysical Journal, Supplement Series*, **2014**, 215, 19	8	230
33	FORMATION AND EVOLUTION OF THE DISK SYSTEM OF THE MILKY WAY: [Fe] RATIOS AND KINEMATICS OF THE SEGUE G-DWARF SAMPLE. *Astrophysical Journal*, **2011**, 738, 187	4.7	174
32	THE CASE FOR THE DUAL HALO OF THE MILKY WAY. *Astrophysical Journal*, **2012**, 746, 34	4.7	137
31	The Distances to Open Clusters from Main-Sequence Fitting. III. Improved Accuracy with Empirically Calibrated Isochrones. *Astrophysical Journal*, **2007**, 655, 233-260	4.7	130
30	THE SEGUE STELLAR PARAMETER PIPELINE. IV. VALIDATION WITH AN EXTENDED SAMPLE OF GALACTIC GLOBULAR AND OPEN CLUSTERS. *Astronomical Journal*, **2011**, 141, 89	4.9	127
29	Galactic Globular and Open Clusters in the Sloan Digital Sky Survey. I. Crowded-Field Photometry and Cluster Fiducial Sequences inugriz. *Astrophysical Journal, Supplement Series*, **2008**, 179, 326-354	8	126
28	THE SEGUE STELLAR PARAMETER PIPELINE. V. ESTIMATION OF ALPHA-ELEMENT ABUNDANCE RATIOS FROM LOW-RESOLUTION SDSS/SEGUE STELLAR SPECTRA. *Astronomical Journal*, **2011**, 141, 90	4.9	123
27	The Second APOKASC Catalog: The Empirical Approach. *Astrophysical Journal, Supplement Series*, **2018**, 239, 32	8	112
26	THE STELLAR METALLICITY DISTRIBUTION FUNCTION OF THE GALACTIC HALO FROM SDSS PHOTOMETRY. *Astrophysical Journal*, **2013**, 763, 65	4.7	102
25	GALACTIC GLOBULAR AND OPEN CLUSTERS IN THE SLOAN DIGITAL SKY SURVEY. II. TEST OF THEORETICAL STELLAR ISOCHRONES. *Astrophysical Journal*, **2009**, 700, 523-544	4.7	78
24	The Distances to Open Clusters from Main-Sequence Fitting. IV. Galactic Cepheids, the LMC, and the Local Distance Scale. *Astrophysical Journal*, **2007**, 671, 1640-1668	4.7	65
23	Signatures of minor mergers in the Milky Way disc - I. The SEGUE stellar sample. *Monthly Notices of the Royal Astronomical Society*, **2012**, 423, 3727-3739	4.3	45

22	THE FRACTIONS OF INNER- AND OUTER-HALO STARS IN THE LOCAL VOLUME. *Astrophysical Journal Letters*, **2015**, 813, L28	7.9	45
21	MASSIVE YOUNG STELLAR OBJECTS IN THE GALACTIC CENTER. I. SPECTROSCOPIC IDENTIFICATION FROMSPITZERINFRARED SPECTROGRAPH OBSERVATIONS. *Astrophysical Journal*, **2011**, 736, 133	4.7	38
20	A PHOTOMETRIC METALLICITY ESTIMATE OF THE VIRGO STELLAR OVERDENSITY. *Astrophysical Journal*, **2009**, 707, L64-L68	4.7	30
19	A Blueprint for the Milky Way's Stellar Populations: The Power of Large Photometric and Astrometric Surveys. *Astrophysical Journal*, **2020**, 897, 39	4.7	16
18	FIRST SPECTROSCOPIC IDENTIFICATION OF MASSIVE YOUNG STELLAR OBJECTS IN THE GALACTIC CENTER. *Astrophysical Journal*, **2009**, 702, L128-L132	4.7	16
17	THE DISTANCES TO OPEN CLUSTERS FROM MAIN-SEQUENCE FITTING. V. EXTENSION OF COLOR CALIBRATION AND TEST USING COOL AND METAL-RICH STARS IN NGC 6791. *Astrophysical Journal*, **2015**, 811, 46	4.7	13
16	SPECTROSCOPIC SURVEY OF G AND K DWARFS IN THE HIPPARCOS CATALOG. I. COMPARISON BETWEEN THE HIPPARCOS AND PHOTOMETRIC PARALLAXES. *Astrophysical Journal, Supplement Series*, **2016**, 222, 19	8	8
15	Asymmetric Mean Metallicity Distribution of the Milky Way's Disk. *Astrophysical Journal Letters*, **2019**, 878, L31	7.9	7
14	Abundant Methanol Ice toward a Massive Young Stellar Object in the Central Molecular Zone. *Astrophysical Journal Letters*, **2017**, 843, L36	7.9	7
13	THE GALACTIC CENTER: NOT AN ACTIVE GALACTIC NUCLEUS. *Astrophysical Journal, Supplement Series*, **2013**, 206, 20	8	6
12	A Blueprint for the Milky Way's Stellar Populations. II. Improved Isochrone Calibration in the SDSS and Pan-STARRS Photometric Systems. *Astrophysical Journal*, **2021**, 907, 101	4.7	6
11	A Survey for EHB Stars in the Galactic Bulge. *Astrophysics and Space Science*, **2004**, 291, 247-252	1.6	5
10	Comparison of the Asteroseismic Mass Scale of Red Clump Giants with Photometric Mass Estimates. *Astrophysical Journal*, **2019**, 879, 81	4.7	5
9	The Photometric Metallicity and Carbon Distributions of the Milky Way's Halo and Solar Neighborhood from S-PLUS Observations of SDSS Stripe 82. *Astrophysical Journal*, **2021**, 912, 147	4.7	5
8	GLOBULAR AND OPEN CLUSTERS OBSERVED BY SDSS/SEGUE: THE GIANT STARS. *Astronomical Journal*, **2016**, 151, 7	4.9	4
7	Medium-resolution Spectroscopy of Red Giant Branch Stars in Centauri. *Astronomical Journal*, **2017**, 154, 150	4.9	3
6	A Blueprint for the Milky Way's Stellar Populations. III. Spatial Distributions and Population Fractions of Local Halo Stars. *Astrophysical Journal*, **2021**, 918, 74	4.7	3
5	Radial Dependence of the Proto-globular Cluster Contribution to the Milky Way Formation. *Astrophysical Journal Letters*, **2019**, 883, L31	7.9	2

4	Hunting for Planetary Nebulae toward the Galactic Center. *Astronomical Journal*, **2021**, 162, 93	4.9	1
3	SEGUE-2: Old Milky Way Stars Near and Far. *Astrophysical Journal, Supplement Series*, **2022**, 259, 60	8	0
2	Massive Young Stellar Objects in the Galactic Center. II. Seeing Through the Ice-rich Envelopes. *Astrophysical Journal*, **2022**, 930, 16	4.7	0
1	The Galactic center: not an active galactic nucleus. *Proceedings of the International Astronomical Union*, **2013**, 9, 54-58	0.1	