

Deokkeun An

List of Publications by Year in descending order

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39
papers

8,786
citations

304743

22
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315739

38
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39
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39
docs citations

39
times ranked

7135
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | SEGUE-2: Old Milky Way Stars Near and Far. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 60. | 7.7 | 22 |
| 2 | Massive Young Stellar Objects in the Galactic Center. II. Seeing Through the Ice-rich Envelopes. <i>Astrophysical Journal</i> , 2022, 930, 16. | 4.5 | 3 |
| 3 | A Blueprint for the Milky Way's Stellar Populations. II. Improved Isochrone Calibration in the SDSS and Pan-STARRS Photometric Systems. <i>Astrophysical Journal</i> , 2021, 907, 101. | 4.5 | 9 |
| 4 | The Photometric Metallicity and Carbon Distributions of the Milky Way's Halo and Solar Neighborhood from S-PLUS Observations of SDSS Stripe 82. <i>Astrophysical Journal</i> , 2021, 912, 147. | 4.5 | 25 |
| 5 | Hunting for Planetary Nebulae toward the Galactic Center. <i>Astronomical Journal</i> , 2021, 162, 93. | 4.7 | 1 |
| 6 | A Blueprint for the Milky Way's Stellar Populations. III. Spatial Distributions and Population Fractions of Local Halo Stars. <i>Astrophysical Journal</i> , 2021, 918, 74. | 4.5 | 12 |
| 7 | A Blueprint for the Milky Way's Stellar Populations: The Power of Large Photometric and Astrometric Surveys. <i>Astrophysical Journal</i> , 2020, 897, 39. | 4.5 | 28 |
| 8 | Asymmetric Mean Metallicity Distribution of the Milky Way's Disk. <i>Astrophysical Journal Letters</i> , 2019, 878, L31. | 8.3 | 10 |
| 9 | Comparison of the Asteroseismic Mass Scale of Red Clump Giants with Photometric Mass Estimates. <i>Astrophysical Journal</i> , 2019, 879, 81. | 4.5 | 8 |
| 10 | Radial Dependence of the Proto-globular Cluster Contribution to the Milky Way Formation. <i>Astrophysical Journal Letters</i> , 2019, 883, L31. | 8.3 | 2 |
| 11 | The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 32. | 7.7 | 183 |
| 12 | Medium-resolution Spectroscopy of Red Giant Branch Stars in $\bar{\rho}$ Centauri. <i>Astronomical Journal</i> , 2017, 154, 150. | 4.7 | 3 |
| 13 | Abundant Methanol Ice toward a Massive Young Stellar Object in the Central Molecular Zone. <i>Astrophysical Journal Letters</i> , 2017, 843, L36. | 8.3 | 8 |
| 14 | GLOBULAR AND OPEN CLUSTERS OBSERVED BY SDSS/SEGUE: THE GIANT STARS. <i>Astronomical Journal</i> , 2016, 151, 7. | 4.7 | 4 |
| 15 | SPECTROSCOPIC SURVEY OF G AND K DWARFS IN THE HIPPARCOS CATALOG. I. COMPARISON BETWEEN THE HIPPARCOS AND PHOTOMETRIC PARALLAXES. <i>Astrophysical Journal, Supplement Series</i> , 2016, 222, 19. | 7.7 | 13 |
| 16 | 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. <i>Astrophysical Journal</i> , 2015, 811, 46. | 4.5 | 16 |
| 17 | THE FRACTIONS OF INNER- AND OUTER-HALO STARS IN THE LOCAL VOLUME. <i>Astrophysical Journal Letters</i> , 2015, 813, L28. | 8.3 | 48 |
| 18 | THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE <i>Kepler</i> FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 19. | 7.7 | 268 |

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|----|---|-----|-----------|
| 19 | THE GALACTIC CENTER: NOT AN ACTIVE GALACTIC NUCLEUS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 206, 20. | 7.7 | 6 |
| 20 | THE STELLAR METALLICITY DISTRIBUTION FUNCTION OF THE GALACTIC HALO FROM SDSS PHOTOMETRY. <i>Astrophysical Journal</i> , 2013, 763, 65. | 4.5 | 113 |
| 21 | The Galactic center: not an active galactic nucleus. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 54-58. | 0.0 | 0 |
| 22 | A REVISED EFFECTIVE TEMPERATURE SCALE FOR THE <i>KEPLER</i> INPUT CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2012, 199, 30. | 7.7 | 269 |
| 23 | THE CASE FOR THE DUAL HALO OF THE MILKY WAY. <i>Astrophysical Journal</i> , 2012, 746, 34. | 4.5 | 157 |
| 24 | Signatures of minor mergers in the Milky Way disc - I. The SEGUE stellar sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 3727-3739. | 4.4 | 55 |
| 25 | MASSIVE YOUNG STELLAR OBJECTS IN THE GALACTIC CENTER. I. SPECTROSCOPIC IDENTIFICATION FROM <i>SPITZER</i> INFRARED SPECTROGRAPH OBSERVATIONS. <i>Astrophysical Journal</i> , 2011, 736, 133. | 4.5 | 44 |
| 26 | FORMATION AND EVOLUTION OF THE DISK SYSTEM OF THE MILKY WAY: $[\alpha/\text{Fe}]$ RATIOS AND KINEMATICS OF THE SEGUE G-DWARF SAMPLE. <i>Astrophysical Journal</i> , 2011, 738, 187. | 4.5 | 200 |
| 27 | THE EIGHTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY: FIRST DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2011, 193, 29. | 7.7 | 1,166 |
| 28 | THE SEGUE STELLAR PARAMETER PIPELINE. V. ESTIMATION OF ALPHA-ELEMENT ABUNDANCE RATIOS FROM LOW-RESOLUTION SDSS/SEGUE STELLAR SPECTRA. <i>Astronomical Journal</i> , 2011, 141, 90. | 4.7 | 133 |
| 29 | THE SEGUE STELLAR PARAMETER PIPELINE. IV. VALIDATION WITH AN EXTENDED SAMPLE OF GALACTIC GLOBULAR AND OPEN CLUSTERS. <i>Astronomical Journal</i> , 2011, 141, 89. | 4.7 | 137 |
| 30 | GALACTIC GLOBULAR AND OPEN CLUSTERS IN THE SLOAN DIGITAL SKY SURVEY. II. TEST OF THEORETICAL STELLAR ISOCHRONES. <i>Astrophysical Journal</i> , 2009, 700, 523-544. | 4.5 | 83 |
| 31 | A PHOTOMETRIC METALLICITY ESTIMATE OF THE VIRGO STELLAR OVERDENSITY. <i>Astrophysical Journal</i> , 2009, 707, L64-L68. | 4.5 | 32 |
| 32 | SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITH $g < i>= 14-20$. <i>Astronomical Journal</i> , 2009, 137, 4377-4399. | 4.7 | 905 |
| 33 | THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558. | 7.7 | 4,201 |
| 34 | FIRST SPECTROSCOPIC IDENTIFICATION OF MASSIVE YOUNG STELLAR OBJECTS IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 702, L128-L132. | 4.5 | 16 |
| 35 | Galactic Globular and Open Clusters in the Sloan Digital Sky Survey. I. Crowded Field Photometry and Cluster Fiducial Sequences in <i>ugriz</i> . <i>Astrophysical Journal, Supplement Series</i> , 2008, 179, 326-354. | 7.7 | 132 |
| 36 | THE SEGUE STELLAR PARAMETER PIPELINE. II. VALIDATION WITH GALACTIC GLOBULAR AND OPEN CLUSTERS. <i>Astronomical Journal</i> , 2008, 136, 2050-2069. | 4.7 | 259 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The Distances to Open Clusters from Main-Sequence Fitting. IV. Galactic Cepheids, the LMC, and the Local Distance Scale. <i>Astrophysical Journal</i> , 2007, 671, 1640-1668. | 4.5 | 72 |
| 38 | The Distances to Open Clusters from Main-Sequence Fitting. III. Improved Accuracy with Empirically Calibrated Isochrones. <i>Astrophysical Journal</i> , 2007, 655, 233-260. | 4.5 | 138 |
| 39 | A Survey for EHB Stars in the Galactic Bulge. <i>Astrophysics and Space Science</i> , 2004, 291, 247-252. | 1.4 | 5 |