

**PUBLICATION METRICS**

87 papers in refereed journals (11 first author).

Publications cited 6050/781 times (Any author/First author) through 3/2017

H-indices: 35/10 (Any author/First author)

**FIRST AUTHOR REFEREED PUBLICATIONS**

11. Nidever, D. L., Olsen, K., et al. "*SMASH - Survey of the Magellanic Stellar History*", 2017, AJ, submitted
10. Nidever, D. L., Holtzman, J., et al. "*The Data Reduction Pipeline for the Apache Point Observatory Galactic Evolution Experiment*", 2015, AJ, 150, 173
9. Nidever, D. L., Bovy, J., et al. "*Tracing chemical evolution over the extent of the Milky Way's Disk with APOGEE Red Clump Stars*", 2014, ApJ, 796, 38
8. Nidever, D. L., Ashley, T., et al. "*Evidence for an Interaction in the Nearest Starbursting Dwarf Irregular Galaxy IC 10*", 2013, ApJL, Vol. 779, ID L15
7. Nidever, D. L., Monachesi, A., et al. "*An Old Stellar Component of the Tidally-Stripped Magellanic Bridge*", 2013, ApJ, Vol. 779, ID 145
6. Nidever, D. L., Zasowski, G., Majewski, S.R., et al. "*The Apache Point Observatory Galactic Evolution Experiment: First Detection of High-velocity Milky Way Bar Stars*", 2012, ApJL, Vol. 755, Issue 2, Article ID L25
5. Nidever, D. L., Zasowski, G., & Majewski, S. R. "*Lifting the Dusty Veil with Near- and Mid-Infrared Photometry. III. Two-Dimensional Extinction Maps of the Galactic Midplane Using the Rayleigh-Jeans Color Excess Method*", 2012, ApJS, Vol 201, Issue 2, Article ID 35
4. Nidever, D. L., Majewski, S. R., Muñoz, R. R., Beaton, R. L., Patterson, R. J., & Kunkel W. E. "*Discovery of a Large Stellar Periphery Around the Small Magellanic Cloud*", 2010, ApJL, Vol 733, Issue 1, Article ID L10
3. Nidever, D. L., Majewski, S. R., & Burton, W. B. "*The 200 Degree-Long Magellanic Stream System*", 2010, ApJ, Vol 723, Issue 2, pp. 1618-1631
2. Nidever, D. L., Majewski, S. R., & Burton, W. B. "*The Origin of the Magellanic Stream and Its Leading Arm*", 2008, ApJ, Vol 679, Issue 1, pp. 432-459
1. Nidever, D. L., Marcy, G. W., Butler, R. P., Fischer, D. A., & Vogt, S. S. "*Radial Velocities for 889 Late-type Stars*", 2002, ApJS, Vol 141, Issue 2, pp. 503-522 **(319 citations to date)**

## SECOND/THIRD AUTHOR REFEREED PUBLICATIONS

10. Slater, C., **Nidever, D. L.**, et al. “*The Stellar Density Profile of the Distant Galactic Halo*”, 2016, ApJ, 832, 206
9. Martin, N., Jungbluth, V., **Nidever, D. L.**, et al. “*SMASH 1: a very faint globular cluster disrupting in the outer reaches of the LMC?*”, 2016, ApJL, 830, 10
8. Troup, N. W., **Nidever, D. L.**, et al. “*Companions to APOGEE Stars I: A Milky Way-Spanning Catalog of Stellar and Substellar Companion Candidates and their Diverse Hosts*”, 2016, AJ, 151, 85
7. Loebman, S. R., Debattista, V. P., **Nidever, D. L.**, et al. “*Imprints of Radial Migration on the Milky Way’s Metallicity Distribution Functions*”, 2016, ApJL, 818, 6
6. Martin, N., **Nidever, D. L.**, et al. “*Hydra II: A Faint and Compact Milky Way Dwarf Galaxy Found in the Survey of the Magellanic Stellar History*”, 2015, ApJ Letters, 804, L5
5. Bovy, J., **Nidever, D. L.** et al. “*The APOGEE Red Clump Catalog: Precise Distances, Velocities, and High-Resolution Elemental Abundances Over A Large Area of the Milky Way’s Disk*”, 2014, ApJ, 790, 127
4. Majewski, S. R., **Nidever, D. L.**, Smith, V. V., Damke, G. J., Kunkel, W. E., Patterson, R. J. & Bizyaev, D. “*Exploring Halo Substructure with Giant Stars: Substructure in the Local Halo as seen in the Grid Giant Star Survey Including Extended Tidal Debris from  $\omega$  Centauri*”, 2012, ApJ, Vol 747, Issue 2, Article ID L37
3. Majewski, S. R., Zasowski, G. & **Nidever, D. L.** “*Lifting the Dusty Veil with Near- and Mid-Infrared Photometry. I. Description and Applications of the Rayleigh-Jeans Color Excess Method*”, 2010, ApJ, Vol 739, Issue 1, Article ID 25
2. Reines, A. E., **Nidever, D. L.**, Whelan, D. G., & Johnson, K. E. “*The Importance of Nebular Continuum and Line Emission in Observations of Young Massive Star Clusters*”, 2010, ApJ, Vol 708, Issue 1, pp. 26-37
1. Pourbaix, D., **Nidever, D.**, et al. “*Constraining the difference of convective blueshift between the components of alpha Cen with precise radial velocities*”, 2002, A&A, Vol 386, pp. 280-285

## ADDITIONAL REFEREED PUBLICATIONS

66. Mackereth, J. T., et al. “*The age-metallicity structure of the Milky Way disk*”, MNRAS, submitted
65. Cunha, K. et al. “*Adding the s-Process Element Cerium to the APOGEE Survey: Identification and Characterization of Ce II Lines in the H-band Spectral Window*”, AAS, submitted

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64. Pieres, A., et al. “*A stellar over-density associated with the Small Magellanic Cloud*”, MNRAS, submitted
  63. Garcia-Perez, A., et al., “*The Bulge Metallicity Distribution from the APOGEE Survey*”, AJ, submitted
  62. Majewski, S. R. et al. “*The Apache Point Observatory Galactic Evolution Experiment (APOGEE)*”, AJ, submitted
  61. SDSS Collaboration, Albareti, F., et al. “*The Thirteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory*”, ApJS, submitted
  60. Souto, D., et al. “*Chemical Abundances of M-dwarfs from the APOGEE Survey. I. The Exoplanet Hosting Stars Kepler-138 and Kepler-186*”, 2017, ApJ, 835, 239
  59. Drlica-Wagner, A., et al. “*An Ultra-Faint Galaxy Candidate Discovered in Early Data from the Magellanic Satellites Survey*”, 2016, ApJL, 833, L5
  58. Schiavon, R. R., et al. “*Chemical tagging with APOGEE: Discovery of a large population of field bulge stars with likely globular cluster origin*”, MNRAS, 465, 501
  57. Martell, S., et al., “*Chemical tagging in the SDSS-III/APOGEE survey: new identifications of halo stars with globular cluster origins*”, 2016, ApJ, 825, 146
  56. Anders, F. et al. “*Galactic Archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE*”, 2017, A&A, 597, A30
  55. Cunha, K., et al. “*Chemical abundance gradients from open clusters in the Milky Way disk: results from the APOGEE survey*”, 2016, AN, 337, 922
  54. Garcia Perez, A. E. et al. “*ASPCAP: The Apogee Stellar Parameter and Chemical Abundances Pipeline*”, 2016, AJ, 151, 144
  53. Bovy, J., Rix, H-W, Schlafly, E. F., **Nidever, D. L.**, et al. “*The stellar population structure of the Galactic disk*”, 2016, ApJ, 823, 30
  52. Vivas, A. K, et al. “*Variable stars in the field of the Hydra II ultra-faint dwarf galaxy*”, 2016, AJ, 151, 118
  51. Bertran de Lis, S., et al. “*Cosmic Variance in [O/Fe] in the Galactic Disk*”, 2016, A&A, 590, 74
  50. Walker, M. G. et al. “*Magellan/M2FS Spectroscopy of Tucana 2 and Grus 1*”, 2016, ApJ, 819, 53
  49. Ness, M. et al. “*APOGEE Kinematics I: Overview of the Kinematics of the Galactic Bulge as mapped by APOGEE*”, 2016, ApJ, 819, 2

48. Roederer, I., et al. “*Detailed Chemical Abundances in the r-Process-Rich Ultra-Faint Dwarf Galaxy Reticulum 2*”, 2016, AJ, 151, 85
47. Da Rio, N., et al. “*IN-SYNC IV - The Young Stellar Population in the Orion A Molecular Clouds*”, 2016, ApJ, 818, 59
46. Feuillet, D. et al. “*Determining Ages of APOGEE Giants with Known Distances*”, ApJ, 817, 40
45. Holtzman, J., et al. “*Abundances, Stellar Parameters, and Spectra from the SDSS-III/APOGEE Survey*”, 2015, AJ, 150, 148
44. Martig, M. et al. “*Young  $\alpha$ -enriched giant stars in the solar neighbourhood*”, 2015, MNRAS, 451, 2230
43. Hayden, M. et al. “*Chemical Cartography with APOGEE: Metallicity Distribution Functions and the Chemical Structure of the Milky Way Disk*”, 2015, ApJ, 808, 132
42. Alam et al. “*The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III*”, 2015, ApJS, 219, 12
41. Tayer, J. et al. “*Rapid Rotation of Low-Mass Red Giants Using APOKASC: A Measure of Interaction Rates on the Post-main-sequence*”, 2015, ApJ, 807, 82
40. Cottaar, M., et al. “*IN-SYNC III: The Dynamical State of IC 348 - Super-Virial Velocity Dispersion and a Puzzling Sign of Convergence*”, 2015, ApJ, 807, 27
39. Meszaros, Sz. et al. “*Exploring Anticorrelations and Light Element Variations in Northern Globular Clusters Observed by the APOGEE Survey*”, 2015, AJ, 149, 153
38. Fleming, S. W., et al. “*The APOGEE Spectroscopic Survey of Kepler Planet Hosts: Feasibility, Efficiency, and First Results*”, 2015, AJ, 149, 143
37. Chiappini, C. et al. “*Young  $[\alpha/\text{Fe}]$ -enhanced stars discovered by CoRoT and APOGEE: What is their origin?*”, 2015, A&A, 576, L12
36. Carlberg, J. et al. “*The Puzzling Li-Rich Red Giant Associated with NGC 6819*”, 2015, ApJ, 802, 7
35. Bovy, J. et al., “*The power spectrum of the Milky Way: Velocity fluctuations in the Galactic disk*”, 2015, ApJ, 800, 83
34. Foster, J., et al. “*IN-SYNC II: Virial Stars from Sub-virial Cores - the Velocity Dispersion of Embedded Pre-main-sequence Stars in NGC 1333*”, 2015, ApJ, 799, 136
33. Cunha, K. et al., “*Sodium and Oxygen Abundances in the Open Cluster NGC 6791 from APOGEE H-Band Spectroscopy*”, 2015, ApJL, 798, L41
32. Zasowski, G., et al. “*Mapping the Interstellar Medium with Near-Infrared Diffuse Interstellar Bands*”, 2015, ApJ, 798, 35

31. Chojnowski, S. D., et al. “*High-resolution, H band Spectroscopy of Be Stars with SDSS-III/APOGEE: I. New Be Stars, Line Identifications, and Line Profiles*”, 2015, AJ, 149, 7
30. Rodrigues, T. S., et al. “*Bayesian distances and extinctions for giants observed by Kepler and APOGEE*”, MNRAS, 445, 2758
29. Pinsonneault, M. H., et al., “*The APOKASC Catalog: An Asteroseismic and Spectroscopic Joint Survey of Targets in the Kepler Fields*”, 2014, ApJS, 215, 19
28. Ashley, T., et al., “*The HI Chronicles of LITTLE THINGS BCDs II: The Origin of IC 10’s HI Structure*”, 2014, AJ, 148, 130
27. Cottaar, et al. “*IN-SYNC I: Homogeneous Stellar Parameters from High Resolution APOGEE Spectra for Thousands of Pre-main Sequence Star*”, 2014, ApJ, 794, 125
26. Schultheis, M. et al. “*Extinction Maps towards the Milky Way Bulge: 2D and 3D Tests with APOGEE*”, 2014, AJ, 148, 24
25. Halverson, S. et al. “*Development of Fiber Fabry-Perot Interferometers as Stable Near-infrared Calibration Sources for High Resolution Spectrographs*”, 2014, PASP, 126, 445
24. Hayden, M. et al. “*Chemical Cartography with APOGEE: Large-scale Mean Metallicity Maps of the Milky Way*”, 2014, AJ 147, 116
23. Anders, F. et al. “*Chemo-dynamics with the first year of APOGEE data*”, 2014, A&A, 564, A115
22. Epstein, C. R. et al. “*Testing the Asteroseismic Mass Scale Using Metal-Poor Stars Characterized with APOGEE and Kepler*”, 2014, ApJL, 785, L28
21. Eikenberry, S. et al. “*Discovery of Two Rare Highly-Magnetized B Stars in the APOGEE Survey*”, 2014, ApJL, 784, L30
20. Terrien, R. et al. “*New Red Jewels in Coma Berenices*”, 2014, ApJ, 782, 61
19. Majewski, S. R. et al. “*Discovery of a Dynamical Cold Point in the Heart of the Sagittarius dSph Galaxy with Observations from the APOGEE Project*”, 2013, ApJL, 777, L13
18. Zasowski, G. et al. “*Target Selection for the Apache Point Observatory Galactic Evolution Experiment (APOGEE)*”, 2013, AJ, Vol. 146, Issue 4, ID 81
17. Meszaros, S. et al. “*Calibrations of Atmospheric Parameters Obtained from the First Year of SDSS-III APOGEE Observations*”, 2013, AJ, Vol. 146, Issue 5, ID 133
16. Frinchaboy, P. et al. “*The Open Cluster Chemical Analysis and Mapping Survey: Local Galactic Metallicity Gradient with APOGEE using SDSS DR10*”, 2013, ApJL, 777, L1
15. Deshpande, R. et al. “*The SDSS-III APOGEE Radial Velocity Survey of M dwarfs I: Description of Survey and Science Goals*”, 2013, AJ, Vol. 146, ID 156

14. SDSS-III Collaboration, Ahn, C. P. et al. “*The Tenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Apache Point Observatory Galactic Evolution Experiment*”, 2014, ApJS, 211, 17
13. Garcia Perez, A. E. et al. “*Very Metal-poor Stars in the Outer Galactic Bulge Found by the APOGEE Survey*”, 2013, ApJ, Vol. 767, ID 9
12. Balbinot, E. et al. “*A New Milky Way Halo Star Cluster in the Southern Galactic Sky*”, 2013, ApJ, Vol. 767, ID 101
11. Dickey, J. M. et al. “*GASKAP -- The Galactic ASKAP Survey*”, 2013, PASA, Vol. 30, ID 3
10. SDSS-III Collaboration, Ahn, C. P. et al. “*The Ninth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-III Baryon Oscillation Spectroscopic Survey*”, 2012, ApJS, Vol. 203, ID 21
9. Nigra, L. et al. “*Probing the Structure and Kinematics of the transition Layer between the Magellanic Stream and the Halo in HI*”, 2012, ApJ, Vol. 760, ID 48
8. Bovy, J. et al. “*The Milky Way's circular velocity curve between 4 and 14 kpc from APOGEE data*”, 2012, ApJ, Vol. 759, ID 131
7. Lokas, E. et al. “*The Shapes of Milky Way Satellites: Looking for Signatures of Tidal Stirring*”, 2012, ApJ, Vol 751, Issue 1, Article ID 61
6. Eisenstein, D. J. et al. “*SDSS-III: Massive Spectroscopic Surveys of the Distant Universe, the Milky Way, and Extra-Solar Planetary Systems*”, 2011, AJ, 142, 72
5. Zasowski, G., Majewski, S. R., Indebetouw, R., Meade, M. R., **Nidever, D. L.**, Patterson, R. J., Babler, B., Skrutskie, M. F., Watson, C., Whitney, B. A., & Churchwell, E. “*Lifting the Dusty Veil with Near- and Mid-Infrared Photometry. II. A Large-Scale Study of the Galactic Infrared Extinction Law*”, 2009, ApJ, 707, 510
4. Carlin, J. L., Grillmair, C. J., Muñoz, R. R., **Nidever, D. L.**, Majewski, S. R. “*Kinematics and Metallicities in the Boötes III Stellar Overdensity: A Disrupted Dwarf Galaxy?*”, 2009, ApJL, 702, L9
3. Siegel, M. H., Dotter, A., Majewski, S. R., Sarajedini, A., Chaboyer, B., **Nidever, D. L.**, et al. “*The ACS Survey of Galactic Globular Clusters: M54 and Young Populations in the Sagittarius Dwarf Spheroidal Galaxy*”, 2007, ApJ, Vol 667, Issue 1, pp. 57-60
2. Muñoz, R. R., Carlin, J. L., Frinchaboy, P. M., **Nidever, D. L.**, Majewski, S. R., & Patterson, R. J. “*Exploring Halo Substructure with Giant Stars: The Dynamics and Metallicity of the Dwarf Spheroidal in Boötes*”, 2006, ApJ Letters, Vol 650, Issue 1, pp. 51-54
1. Muñoz, R. R., Majewski, S. R., Zaggia, S., Kunkel, W. E., Frinchaboy, P. M., **Nidever, D. L.**, et al. “*Exploring Halo Substructure with Giant Stars. XI. The Tidal Tail of the Carina Dwarf Spheroidal Galaxy and the Discovery of Magellanic Cloud Stars in the Carina Foreground*”, 2006, ApJ, Vol 649, Issue 1, pp. 201-223

## PAPERS IN PREPARATION

2. Muñoz, R. R., **Nidever, D. L.**, et al. “*Searching for the Edge of the Large Magellanic Cloud*”
1. **Nidever, D. L.**, et al., “*Discovery of Very Extended Stellar Populations of the Large Magellanic Cloud in the SMASH Survey*”

## NON-REFEREED PUBLICATIONS

9. Juric, M. et al. “*The LSST Data Management System*”, 2015, ADASS XXV
8. Elmegreen, B. G. et al. “*Gas accretion from halos to disks: observations, curiosities, and problems*”, 2015, IAU General Assembly, Meeting #29
7. **Nidever, D. L.** “*Disk Destruction and (Re)-Creation in the Magellanic Clouds*”, 2013, Structure and Dynamics of Disk Galaxies (ASP Conference Series)
6. Wilson, J. C. et al. “*Performance of the Apache Point Observatory Galactic Evolution Experiment (APOGEE) high-resolution near-infrared multi-object fiber spectrograph*”, 2012, Proceedings of the SPIE, Vol. 8446, ID 84460H
5. Zasowski, G., Majewski, S. R., **Nidever, D. L.**, & Indebetouw, R. “*Exploring Extinction and Structure in the Milky Way Disk With 2MASS and Spitzer*”, 2010, Highlights of Astronomy (International Astronomical Union), Vol 15, pg. 783
4. Nigra, L., Stanimirovic, S., Gallagher, J. S., III, Lockman, F. J., **Nidever, D. L.**, & Majewski, S. R. “*The Magellanic Stream to Halo Interface: Processes that Shape our Nearest Gaseous Halo Stream*”, 2010, Galaxy Wars: Stellar Populations and Star Formation in Interacting Galaxies (Astronomical Society of the Pacific Conference Series), Vol 423, pg. 38
3. Majewski, S. R., **Nidever, D. L.**, Muñoz, R. R., Patterson, R. J., Kunkel, W. E., & Carlin, J. C. “*Discovery of an Extended, Halo-like Stellar Population Around the Large Magellanic Cloud*”, 2009, The Magellanic System: Stars, Gas and Galaxies (Proceedings IAU Symposium), No. 256, 2008, J. van Loon & J. Oliveira, eds., pp. 51-56
2. Siegel, M. H., Sarajedini, A., Chaboyer, B., Dotter, A., Majewski, S. R., & **Nidever, D. L.** “*The HST/ACS Survey of Galactic Globular Clusters: First Results*”, 2008, New Horizons in Astronomy (Astronomical Society of the Pacific Conference Series), Vol 393, pg. 271
1. **Nidever, D. L.**, Majewski, S. R., & Burton, W. B. “*The Origin of the Magellanic Stream and Its Leading Arm*”, 2008, Proceedings of the Galaxies in the Local Volume symposium, B.S. Koribalski & H. Jerjen, eds., pp. 243-248