Stanford



Persis S. Drell

Provost, Emerita, James and Anna Marie Spilker Professor, Professor of Materials Science and Engineering and of Physics

Curriculum Vitae available Online

CONTACT INFORMATION

- **Administrative Contact**

  Dana Volponi

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Bio

BIO

Persis Drell is the James and Anna Marie Spilker Professor in the School of Engineering, a professor of materials science and engineering, and a professor of physics. From Feb 1, 2017 to Sept. 30, 2023, Drell was the provost of Stanford University.

Prior to her appointment as provost in February 2017, she was dean of the Stanford School of Engineering from 2014 to 2017 and director of U.S. Department of Energy SLAC National Acceleratory Laboratory from 2007 to 2012.

She earned her bachelor's degree in mathematics and physics from Wellesley College and her PhD in atomic physics from UC Berkeley. Before joining the faculty at Stanford in 2002, she was a faculty member in the physics department at Cornell University for 14 years.

ACADEMIC APPOINTMENTS

- Professor, Materials Science and Engineering
- Professor, Physics

Teaching

COURSES

2026-27

- Citizenship in the 21st Century: COLLEGE 102 (Win)
- Scientific Communication in Physics: PHYSICS 191 (Win)

2025-26

- Citizenship in the 21st Century: COLLEGE 102 (Win)
- Scientific Communication in Physics: PHYSICS 191 (Win)

2023-24

- Why College? Your Education and the Good Life: COLLEGE 101 (Aut)

Publications

PUBLICATIONS

- **Search for Cosmic-Ray Electron and Positron Anisotropies with Seven Years of Fermi Large Area Telescope Data** *PHYSICAL REVIEW LETTERS*

  Abdollahi, S., Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Baldini, L., Barbiellini, G., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonino, R., Bottacini, E., Brandt, et al

  2017; 118 (9)

- **Gamma-Ray Blazars within the First 2 Billion Years** *ASTROPHYSICAL JOURNAL LETTERS*

  Ackermann, M., Ajello, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Gonzalez, J. B., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, R., Bottacini, et al

  2017; 837 (1)

- **SEARCHING THE GAMMA-RAY SKY FOR COUNTERPARTS TO GRAVITATIONAL WAVE SOURCES: FERMI GAMMA-RAY BURST MONITOR. AND LARGE AREA TELESCOPE OBSERVATIONS OF LVT151012 AND GW151226** *ASTROPHYSICAL JOURNAL*

  Racusin, J. L., Burns, E., Goldstein, A., Connaughton, V., Wilson-Hodge, C. A., Jenke, P., Blackburn, L., Briggs, M. S., BROIDA, J., Camp, J., Christensen, N., Hui, C. M., Littenberg, et al

  2017; 835 (1)

- **SUPPLEMENT: "LOCALIZATION AND BROADBAND FOLLOW-UP OF THE GRAVITATIONAL-WAVE TRANSIENT GW150914" (2016, ApJL, 826, L13)** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*

  Abbott, B. P., Abbott, R., Abbott, T. D., ABERNATHY, M. R., Acernese, F., Ackley, K., Adams, C., Adams, T., Addesso, P., Adhikari, R. X., Adya, V. B., Affeldt, C., Agathos, et al

  2016; 225 (1)

- **MINUTE-TIMESCALE > 100 MeV gamma-RAY VARIABILITY DURING THE GIANT OUTBURST OF QUASAR 3C 279 OBSERVED BY FERMI-LAT IN 2015 JUNE** *ASTROPHYSICAL JOURNAL LETTERS*

  Ackermann, M., Anantua, R., Asano, K., Baldini, L., Barbiellini, G., Bastieri, D., Gonzalez, J. B., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, R., Bottacini, et al

  2016; 824 (2)

- **FERMI-LAT OBSERVATIONS OF THE LIGO EVENT GW150914** *ASTROPHYSICAL JOURNAL LETTERS*

  Ackermann, M., Ajello, M., Albert, A., Anderson, B., Arimoto, M., Atwood, W. B., Axelsson, M., Baldini, L., Ballet, J., Barbiellini, G., Baring, M. G., Bastieri, D., Gonzalez, et al

  2016; 823 (1)

- **FERMI LAT STACKING ANALYSIS OF SWIFT LOCALIZED GRBs** *ASTROPHYSICAL JOURNAL*

  Ackermann, M., Ajello, M., Anderson, B., Atwood, W. B., Axelsson, M., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bhat, P. N., Bissaldi, E., Bonino, R., Bottacini, et al

  2016; 822 (2)

- **THE FIRST FERMI LAT SUPERNOVA REMNANT CATALOG** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*

  Acero, F., Ackermann, M., Ajello, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, R., Bottacini, et al

  2016; 224 (1)

- **Search for Spectral Irregularities due to Photon-Axionlike-Particle Oscillations with the Fermi Large Area Telescope** *PHYSICAL REVIEW LETTERS*

  Ajello, M., Albert, A., Anderson, B., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, R., Bottacini, E., Bregeon, et al

  2016; 116 (16)

- **Resolving the Extragalactic gamma-Ray Background above 50 GeV with the Fermi Large Area Telescope** *PHYSICAL REVIEW LETTERS*

  Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, et al

  2016; 116 (15)

- **Measurement of the high-energy gamma-ray emission from the Moon with the Fermi Large Area Telescope** *PHYSICAL REVIEW D*

Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bonino, R., Bottacini, E., Bregeon, et al

2016; 93 (8)

- **DEVELOPMENT OF THE MODEL OF GALACTIC INTERSTELLAR EMISSION FOR STANDARD POINT-SOURCE ANALYSIS OF FERMI LARGE AREA TELESCOPE DATA** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*

  Acero, F., Ackermann, M., Ajello, M., Albert, A., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonino, R., Bottacini, et al

  2016; 223 (2)

- **CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS** *ASTROPHYSICAL JOURNAL*

  Ackermann, M., Ajello, M., An, H., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bonino, R., Bregeon, J., Britto, R. J., Bruel, et al

  2016; 820 (1)

- **SEARCH FOR GAMMA-RAY EMISSION FROM THE COMA CLUSTER WITH SIX YEARS OF FERMI-LAT DATA** *ASTROPHYSICAL JOURNAL*

  Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Blandford, R. D., Blooms, et al

  2016; 819 (2)

- **DEEP MORPHOLOGICAL AND SPECTRAL STUDY OF THE SNR RCW 86 WITH FERMI-LAT** *ASTROPHYSICAL JOURNAL*

  Ajello, M., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonino, R., Bottacini, E., Brandt, T. J., Bregeon, J., Bruel, P., Buehler, et al

  2016; 819 (2)

- **FERMI-LAT OBSERVATIONS OF HIGH-ENERGY gamma-RAY EMISSION TOWARD THE GALACTIC CENTER** *ASTROPHYSICAL JOURNAL*

  Ajello, M., Albert, A., Atwood, W. B., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, R., Bottacini, E., Brandt, et al

  2016; 819 (1)

- **Deep view of the Large Magellanic Cloud with six years of Fermi-LAT observations** *ASTRONOMY & ASTROPHYSICS*

  Ackermann, M., Albert, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonino, R., Brandt, T. J., Bregeon, et al

  2016; 586

- **2FHL: THE SECOND CATALOG OF HARD FERMI-LAT SOURCES** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*

  Ackermann, M., Ajello, M., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Gonzalez, J. B., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, et al

  2016; 222 (1)

- **Searching for Dark Matter Annihilation from Milky Way Dwarf Spheroidal Galaxies with Six Years of Fermi Large Area Telescope Data** *PHYSICAL REVIEW LETTERS*

  Ackermann, M., Albert, A., Anderson, B., Atwood, W. B., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, et al

  2015; 115 (23)

- **An extremely bright gamma-ray pulsar in the Large Magellanic Cloud** *SCIENCE*

  Ackermann, M., Albert, A., Baldini, L., Ballet, J., Barbiellini, G., Barbieri, C., Bastieri, D., Bellazzini, R., Bissaldi, E., Bonino, R., Bottacini, E., Brandt, T. J., Bregeon, et al

  2015; 350 (6262): 801-805

- **MULTIWAVELENGTH EVIDENCE FOR QUASI-PERIODIC MODULATION IN THE GAMMA-RAY BLAZAR PG 1553+113** *ASTROPHYSICAL JOURNAL LETTERS*

  Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Gonzalez, J. B., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, et al

  2015; 813 (2)

- **SEARCH FOR EXTENDED GAMMA-RAY EMISSION FROM THE VIRGO GALAXY CLUSTER WITH FERMI-LAT** *ASTROPHYSICAL JOURNAL*

  Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonino, R., Bottacini, et al

  2015; 812 (2)

- **THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Gonzalez, J. B., Bellazzini, R., Bialdi, E., Blandford, R. D., Bloom, E. D., Bnino, et al
  2015; 810 (1)

- **Limits on dark matter annihilation signals from the Fermi LAT 4-year measurement of the isotropic gamma-ray background** *JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS*
  Ackermann, M., Ajello, M., Albert, A., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonino, R., Bregeon, J., Bruel, et al
  2015

- **PSR J1906+0722: AN ELUSIVE GAMMA-RAY PULSAR** *ASTROPHYSICAL JOURNAL LETTERS*
  Clark, C. J., PLETSCH, H. J., Wu, J., Guillemot, L., Ackermann, M., Allen, B., De Angelis, A., Aulbert, C., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, et al
  2015; 809 (1)

- **SEARCH FOR EARLY GAMMA-RAY PRODUCTION IN SUPERNOVAE LOCATED IN A DENSE CIRCUMSTELLAR MEDIUM WITH THE FERMI LAT** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Arcavi, I., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bonino, R., Bottacini, E., Brandt, T. J., Bregeon, et al
  2015; 807 (2)

- **The linac coherent light source single particle imaging road map** *STRUCTURAL DYNAMICS*
  Aquila, A., Barty, A., Bostedt, C., Boutet, S., Carini, G., Deponte, D., DRELL, P., Doniach, S., Downing, K. H., Earnest, T., Elmlund, H., Elser, V., Guehr, et al
  2015; 2 (4)

- **Updated search for spectral lines from Galactic dark matter interactions with pass 8 data from the Fermi Large Area Telescope** *PHYSICAL REVIEW D*
  Ackermann, M., Ajello, M., Albert, A., Anderson, B., Atwood, W. B., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bonino, et al
  2015; 91 (12)

- **SECOND CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE FERMI LARGE AREA TELESCOPE (vol 743, 171, 2011)** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Allafort, A., Antolini, E., Atwood, W. B., Axelsson, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Berenji, et al
  2015; 806 (1)

- **FERMI LARGE AREA TELESCOPE THIRD SOURCE CATALOG** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*
  Acero, F., Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Axelsson, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Belfiore, A., Bellazzini, R., Bissaldi, et al
  2015; 218 (2)

- **GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211 OBSERVED BY Fermi LAT** *ASTROPHYSICAL JOURNAL*
  Abdo, A. A., Ackermann, M., Ajello, M., Allafort, A., Amin, M. A., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Blandford, R. D., Bonamente, E., Borgland, et al
  2015; 799 (2)

- **THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Albert, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, et al
  2015; 799 (1)

- **THE SPECTRUM AND MORPHOLOGY OF THE FERMI BUBBLES** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Albert, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bottacini, E., Brandt, et al
  2014; 793 (1)

- **Fermi establishes classical novae as a distinct class of gamma-ray sources** *SCIENCE*

Ackermann, M., Ajello, M., Albert, A., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Blandford, R. D., Bloom, E. D., Bottacini, E., Brandt, et al

2014; 345 (6196): 554-558

- **IMPULSIVE AND LONG DURATION HIGH-ENERGY GAMMA-RAY EMISSION FROM THE VERY BRIGHT 2012 MARCH 7 SOLAR FLARES** *ASTROPHYSICAL JOURNAL*

  Ajello, M., Albert, A., Allafort, A., Baldini, L., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Bonamente, E., Brandt, T. J., Bregeon, J., Brigida, M., Bruel, et al

  2014; 789 (1)

- **HIGH-ENERGY GAMMA-RAY EMISSION FROM SOLAR FLARES: SUMMARY OF FERMI LARGE AREA TELESCOPE DETECTIONS AND ANALYSIS OF TWO M-CLASS FLARES** *ASTROPHYSICAL JOURNAL*

  Ackermann, M., Ajello, M., Albert, A., Allafort, A., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Bonamente, E., Bottacini, E., Bouvier, et al

  2014; 787 (1)

- **SEARCH FOR COSMIC-RAY-INDUCED GAMMA-RAY EMISSION IN GALAXY CLUSTERS** *ASTROPHYSICAL JOURNAL*

  Ackermann, M., Ajello, M., Albert, A., Allafort, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bloom, E. D., Bonamente, et al

  2014; 787 (1)

- **MULTIFREQUENCY STUDIES OF THE PECULIAR QUASAR 4C+21.35 DURING THE 2010 FLARING ACTIVITY** *ASTROPHYSICAL JOURNAL*

  Ackermann, M., Ajello, M., Allafort, A., Antolini, E., Barbiellini, G., Bastieri, D., Bellazzini, R., Bissaldi, E., Bonamente, E., Bregeon, J., Brigida, M., Bruel, P., Buehler, et al

  2014; 786 (2)

- **Inferred Cosmic-Ray Spectrum from Fermi Large Area Telescope gamma-Ray Observations of Earth's Limb** *PHYSICAL REVIEW LETTERS*

  Ackermann, M., Ajello, M., Albert, A., Allafort, A., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Blandford, R. D., Bloom, E. D., Bonamente, E., Bottacini, et al

  2014; 112 (15)

- **DEEP BROADBAND OBSERVATIONS OF THE DISTANT GAMMA-RAY BLAZAR PKS 1424+240** *ASTROPHYSICAL JOURNAL LETTERS*

  Archambault, S., Aune, T., Behera, B., Beilicke, M., Benbow, W., Berger, K., Bird, R., Biteau, J., Bugaev, V., Byrum, K., Cardenzana, J. V., Cerruti, M., Chen, et al

  2014; 785 (1)

- **Fermi LARGE AREA TELESCOPE OBSERVATIONS OF BLAZAR 3C 279 OCCULTATIONS BY THE SUN** *ASTROPHYSICAL JOURNAL*

  Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Blandford, R. D., Borgland, A. W., Bregeon, J., Bruel, P., Buehler, R., Buson, S., Caliandro, G. A., Cameron, R. A., Caraveo, et al

  2014; 784 (2)

- **Dark matter constraints from observations of 25 Milky Way satellite galaxies with the Fermi Large Area Telescope** *PHYSICAL REVIEW D*

  Ackermann, M., Albert, A., Anderson, B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonamente, E., Bouvier, et al

  2014; 89 (4)

- **The First Pulse of the Extremely Bright GRB 130427A: A Test Lab for Synchrotron Shocks** *SCIENCE*

  Preece, R., Burgess, J. M., von Kienlin, A., Bhat, P. N., Briggs, M. S., Byrne, D., CHAPLIN, V., Cleveland, W., Collazzi, A. C., Connaughton, V., Diekmann, A., Fitzpatrick, G., Foley, et al

  2014; 343 (6166): 51-54

- **Fermi-LAT Observations of the Gamma-Ray Burst GRB 130427A** *SCIENCE*

  Ackermann, M., Ajello, M., Asano, K., Atwood, W. B., Axelsson, M., Baldini, L., Ballet, J., Barbiellini, G., Baring, M. G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, et al

  2014; 343 (6166): 42-47

- **THE FIRST FERMI-LAT CATALOG OF SOURCES ABOVE 10 GeV** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*

  Ackermann, M., Ajello, M., Allafort, A., Atwood, W. B., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Belfiore, A., Bellazzini, R., Bernieri, E., Bissaldi, et al

  2013; 209 (2)

- **FERMI LARGE AREA TELESCOPE STUDY OF COSMIC-RAYS AND THE INTERSTELLAR MEDIUM IN NEARBY MOLECULAR CLOUDS (vol 755, 22, 2012)** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Allafort, A., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Berenji, B., Blandford, R. D., Bloom, E. D., Bonamente, et al
  2013; 778 (1)

- **THE FIRST FERMI-LAT GAMMA-RAY BURST CATALOG** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*
  Ackermann, M., Ajello, M., Asano, K., Axelsson, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bhat, P. N., Bissaldi, E., Bloom, et al
  2013; 209 (1)

- **PSR J2021+4026 IN THE GAMMA CYGNI REGION: THE FIRST VARIABLE gamma-RAY PULSAR SEEN BY THE Fermi LAT** *ASTROPHYSICAL JOURNAL LETTERS*
  Allafort, A., Baldini, L., Ballet, J., Barbiellini, G., Baring, M. G., Bastieri, D., Bellazzini, R., Bonamente, E., Bottacini, E., Brandt, T. J., Bregeon, J., Bruel, P., Buehler, et al
  2013; 777 (1)

- **Search for gamma-ray spectral lines with the Fermi Large Area Telescope and dark matter implications** *PHYSICAL REVIEW D*
  Ackermann, M., Ajello, M., Albert, A., Allafort, A., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Bissaldi, E., Bloom, E. D., Bonamente, E., Bottacini, et al
  2013; 88 (8)

- **THE SECOND FERMI LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS** *ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES*
  Abdo, A. A., Ajello, M., Allafort, A., Baldini, L., Ballet, J., Barbiellini, G., Baring, M. G., Bastieri, D., Belfiore, A., Bellazzini, R., Bhattacharyya, B., Bissaldi, E., Bloom, et al
  2013; 208 (2)

- **ASSOCIATING LONG-TERM gamma-RAY VARIABILITY WITH THE SUPERORBITAL PERIOD OF LS I+61 degrees 303** *ASTROPHYSICAL JOURNAL LETTERS*
  Ackermann, M., Ajello, M., Ballet, J., Barbiellini, G., Bastieri, D., Bellazzini, R., Bonamente, E., Brandt, T. J., Bregeon, J., Brigida, M., Bruel, P., Buehler, R., Buson, et al
  2013; 773 (2)

- **CONSTRAINTS ON THE GALACTIC POPULATION OF TeV PULSAR WIND NEBULAE USING FERMI LARGE AREA TELESCOPE OBSERVATIONS** *ASTROPHYSICAL JOURNAL*
  Acero, F., Ackermann, M., Ajello, M., Allafort, A., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Blandford, R. D., Bloom, E. D., Bonamente, et al
  2013; 773 (1)

- **CONSTRAINTS ON THE COSMIC-RAY DENSITY GRADIENT BEYOND THE SOLAR CIRCLE FROM FERMI gamma-RAY OBSERVATIONS OF THE THIRD GALACTIC QUADRANT (vol 726, pg 81, 2011)** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Berenji, B., Bloom, E. D., Bonamente, E., Borgland, A. W., Brandt, et al
  2013; 772 (2)

- **THE FERMI ALL-SKY VARIABILITY ANALYSIS: A LIST OF FLARING GAMMA-RAY SOURCES AND THE SEARCH FOR TRANSIENTS IN OUR GALAXY** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Albert, A., Allafort, A., Antolini, E., Baldini, L., Ballet, J., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Blandford, R. D., Bloom, et al
  2013; 771 (1)

- **Detection of the Characteristic Pion-Decay Signature in Supernova Remnants** *SCIENCE*
  Ackermann, M., Ajello, M., Allafort, A., Baldini, L., Ballet, J., Barbiellini, G., Baring, M. G., Bastieri, D., Bechtol, K., Bellazzini, R., Blandford, R. D., Bloom, E. D., Bonamente, et al
  2013; 339 (6121): 807-811

- **MULTIWAVELENGTH OBSERVATIONS OF GRB 110731A: GeV EMISSION FROM ONSET TO AFTERGLOW** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Asano, K., Baldini, L., Barbiellini, G., Baring, M. G., Bastieri, D., Bellazzini, R., Blandford, R. D., Bonamente, E., Borgland, A. W., Bottacini, E., Bregeon, et al
  2013; 763 (2)

- **CONSTRAINTS ON THE GALACTIC HALO DARK MATTER FROM FERMI-LAT DIFFUSE MEASUREMENTS** *ASTROPHYSICAL JOURNAL*
  Ackermann, M., Ajello, M., Atwood, W. B., Baldini, L., Barbiellini, G., Bastieri, D., Bechtol, K., Bellazzini, R., Blandford, R. D., Bloom, E. D., Bonamente, E., Borgland, A. W., Bottacini, et al
  2012; 761 (2)

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