

Publications

1. Mirabal, N., Charles, E., Ferrara, E. C., Gonthier, P. L., Harding, A. K., Sánchez-Conde, M. A., and Thompson, D. J., *3FGL Demographics Outside the Galactic Plane using Supervised Machine Learning: Pulsar and Dark Matter Subhalo Interpretations*, 2016, The Astrophysical Journal, 825, 69, <http://adsabs.harvard.edu/abs/2016ApJ...825...69M>
2. Pierbattista, M., Harding, A. K., Gonthier, P. L., and Grenier, I. A., *Young and middle age pulsar light-curve morphology: Comparison of Fermi observations with γ -ray and radio emission geometries*, 2016, Astronomy and Astrophysics, 588, A137, <http://adsabs.harvard.edu/abs/2016A%26A...588A.137P>
3. Ickes, Jesse, Gonthier, Peter L., Eiles, Matthew, and Baring, Matthew G., *Resonant Compton Physics for Magnetar Astrophysics*, 2016, American Astronomical Society Meeting Abstracts, 227, 241.11, <http://adsabs.harvard.edu/abs/2016AAS...22724111I>
4. Venter, Christo, Kopp, Andreas, Harding, Alice K, Gonthier, Peter L, and Buesching, Ingo, *The millisecond pulsar contribution to the rising positron fraction*, 2015, arXiv:1508.04676, <http://adsabs.harvard.edu/abs/2015arXiv150804676V>
5. Venter, Christo, Kopp, Andreas, Harding, Alice K., Gonthier, Peter L., and Büsching, Ingo, *The contribution of millisecond pulsars to the Galactic cosmic-ray lepton spectrum*, 2015, Advances in Space Research, 55, 1529, <http://adsabs.harvard.edu/abs/2015AdSpR...55.1529V>
6. Venter, C., Kopp, A., Harding, A. K., Gonthier, P. L., and Büsching, I., *Cosmic-ray Positrons from Millisecond Pulsars*, 2015, The Astrophysical Journal, 807, 130, <http://adsabs.harvard.edu/abs/2015ApJ...807..130V>
7. Pierbattista, M., Harding, A. K., Grenier, I. A., Johnson, T. J., Caraveo, P. A., Kerr, M., and Gonthier, P. L., *Light-curve modelling constraints on the obliquities and*

- aspect angles of the young Fermi pulsars*, 2015, *Astronomy and Astrophysics*, 575, A3, <http://adsabs.harvard.edu/abs/2015A%26A...575A...3P>
8. Gonthier, Peter L., Baring, Matthew G., Eiles, Matthew T., Wadiasingh, Zorawar, Taylor, Caitlin A., and Fitch, Catherine J., *Compton scattering in strong magnetic fields: Spin-dependent influences at the cyclotron resonance*, 2014, *Physical Review D*, 90, 043014, <http://adsabs.harvard.edu/abs/2014PhRvD...90d3014G>
 9. Venter, Christo, Buesching, Ingo, Harding, Alice, Kopp, Andreas, and Gonthier, Peter, *The Contribution of Millisecond Pulsars to the Local Electron / Positron Spectrum*, 2014, 40th COSPAR Scientific Assembly, 40, <http://adsabs.harvard.edu/abs/2014cosp...40E3497V>
 10. Gonthier, P. L., Eiles, M. T., Wadiasingh, Z., and Baring, M. G., *Resonant Compton Upscattering in High Field Neutron Stars*, 2012, *Electromagnetic Radiation from Pulsars and Magnetars*, 466, 251, <http://adsabs.harvard.edu/abs/2012ASPC...466...251G>
 11. Gonthier, P. L., Billman, C. D., and Harding, A. K., *Population Synthesis of Normal Radio and Gamma-ray Pulsars Using Markov Chain Monte Carlo Techniques*, 2012, *Electromagnetic Radiation from Pulsars and Magnetars*, 466, 133, <http://adsabs.harvard.edu/abs/2012ASPC...466...133G>
 12. Pierbattista, M., Grenier, I. A., Harding, A. K., and Gonthier, P. L., *Constraining γ -ray pulsar gap models with a simulated pulsar population*, 2012, *Astronomy and Astrophysics*, 545, A42, <http://adsabs.harvard.edu/abs/2012A%26A...545A...42P>
 13. Pierbattista, M., Grenier, I., Harding, A., and Gonthier, P. L., *Constraining pulsar gap models with the light-curve and flux properties of the gamma-ray pulsar population*, 2011, *American Institute of Physics Conference Series*, 1357, 249, <http://adsabs.harvard.edu/abs/2011AIPC.1357..249P>
 14. Gonthier, Peter L., Billman, Caleb, Harding, Alice K., Grenier, Isabelle A., and Pierbattista, Marco, *Population Synthesis of Radio and Gamma-ray Pulsars in the Fermi Era*, 2011, *American Institute of Physics Conference Series*, 1357, 245, <http://adsabs.harvard.edu/abs/2011AIPC.1357..245G>

15. Baring, Matthew G., Wadiasingh, Zorawar, and Gonthier, Peter L., *Cooling Rates for Relativistic Electrons Undergoing Compton Scattering in Strong Magnetic Fields*, 2011, The Astrophysical Journal, 733, 61, <http://adsabs.harvard.edu/abs/2011ApJ...733...61B>
16. Pierbattista, Marco, Grenier, Isabelle, Harding, Alice, and Gonthier, Peter, *Constraining pulsar gap models with light-curve shapes of a simulated gamma-ray pulsar population*, 2010, arXiv:1002.0324, <http://adsabs.harvard.edu/abs/2010arXiv1002.0324P>
17. Gonthier, Peter L., Nagelkirk, Erin, Stam, Melanie, and Harding, Alice K., *Population Synthesis of Radio Pulsars in the Fermi Era*, 2009, arXiv:0912.3539, <http://adsabs.harvard.edu/abs/2009arXiv0912.3539G>
18. Gonthier, Peter L., Story, Sarah A., Clow, Brian D., and Harding, Alice K., *Population statistics of radio and γ -ray pulsars from the Galactic disk*, 2008, Astrophysics of Compact Objects, 968, 112, <http://adsabs.harvard.edu/abs/2008AIPC...968..112G>
19. Story, Sarah A., Gonthier, Peter L., and Harding, Alice K., *Population Synthesis of Radio and γ -Ray Millisecond Pulsars from the Galactic Disk*, 2007, The Astrophysical Journal, 671, 713, <http://adsabs.harvard.edu/abs/2007ApJ...671..713S>
20. Gonthier, Peter L., Story, Sarah A., Clow, Brian D., Harding, Alice K., and Grenier, Isabelle A., *Population Statistics of Normal, Radio and Gamma-ray Pulsars from the Galactic Disk*, 2007, The First GLAST Symposium, 921, 431, <http://adsabs.harvard.edu/abs/2007AIPC...921..431G>
21. Story, Sarah A., Gonthier, Peter L., and Harding, Alice K., *Population Synthesis of Radio and Gamma-ray Millisecond Pulsars from the Galactic Disk*, 2007, The First GLAST Symposium, 921, 226, <http://adsabs.harvard.edu/abs/2007AIPC...921..226S>
22. Gonthier, Peter L., Story, Sarah A., Clow, Brian D., and Harding, Alice K., *Population statistics study of radio and gamma-ray pulsars in the Galactic plane*, 2007, Astrophysics and Space Science, 309, 245, <http://adsabs.harvard.edu/abs/2007Ap%26SS.309..245G>

23. Harding, Alice K., Grenier, Isabelle A., and Gonthier, Peter L., *The Geminga fraction*, 2007, *Astrophysics and Space Science*, 309, 221, <http://adsabs.harvard.edu/abs/2007Ap%26SS.309..221H>
24. Gonthier, P. L., Story, S. A., Giacherio, B. M., Arevalo, R. A., and Harding, A. K., *Developing Radio Beam Geometry and Luminosity Models of Pulsars*, 2006, *Chinese Journal of Astronomy and Astrophysics Supplement*, 6, 97, <http://adsabs.harvard.edu/abs/2006ChJAS...6b..97G>
25. Baring, Matthew G., Gonthier, Peter L., and Harding, Alice K., *Spin-dependent Cyclotron Decay Rates in Strong Magnetic Fields*, 2005, *The Astrophysical Journal*, 630, 430, <http://adsabs.harvard.edu/abs/2005ApJ...630..430B>
26. Gonthier, P. L., Guilder, R., Harding, A. K., Grenier, I. A., and Perrot, C. A., *Radio-Loud and Radio-Quiet Gamma-Ray Pulsars from the Galaxy and the Gould Belt*, 2005, *Astrophysics and Space Science*, 297, 71, <http://adsabs.harvard.edu/abs/2005Ap%26SS.297...71G>
27. Gonthier, P. L., van Guilder, R., Harding, A. K., Grenier, I. A., and Perrot, C. A., *Radio-loud and Radio-quiet Gamma-ray Pulsars from the Galactic Plane and the Gould Belt*, 2005, *22nd Texas Symposium on Relativistic Astrophysics*, 598, <http://adsabs.harvard.edu/abs/2005tsra.conf..598G>
28. Gonthier, P. L., Van Guilder, R., Harding, A. K., Grenier, I. A., and Perrot, C. A., *Radio-Loud and Radio-Quiet Gamma-Ray Pulsars from the Galaxy and the Gould Belt*, 2005, *Multiwavelength Approach to Unidentified Gamma-Ray Sources*, 71, <http://adsabs.harvard.edu/abs/2005maug.conf...71G>
29. Gonthier, Peter L., Van Guilder, Robert, and Harding, Alice K., *Role of Beam Geometry in Population Statistics and Pulse Profiles of Radio and Gamma-Ray Pulsars*, 2004, *The Astrophysical Journal*, 604, 775, <http://adsabs.harvard.edu/abs/2004ApJ...604..775G>
30. Harding, A. K., Gonthier, P. L., Grenier, I. A., and Perrot, C. A., *Pulsar populations and unidentified γ -ray sources*, 2004, *Advances in Space Research*, 33, 571, <http://adsabs.harvard.edu/abs/2004AdSpR...33..571H>

31. Gonthier, P. L., Coltisor, S., and Harding, A. K., *Population studies of radio and gamma-ray pulsars in the polar-cap geometry*, 2003, Pulsars, AXPs and SGRs Observed with BeppoSAX and Other Observatories, 115, <http://adsabs.harvard.edu/abs/2003pasb.conf..115G>
32. Gonthier, Peter L., Ouellette, Michelle S., Berrier, Joel, O'Brien, Shawn, and Harding, Alice K., *Galactic Populations of Radio and Gamma-Ray Pulsars in the Polar Cap Model*, 2002, The Astrophysical Journal, 565, 482, <http://adsabs.harvard.edu/abs/2002ApJ...565..482G>
33. Gonthier, Peter L., Ouellette, Michelle S., O'Brien, Shawn, Berrier, Joel, and Harding, Alice K., *Galactic population of radio and gamma-ray pulsars*, 2001, Gamma 2001: Gamma-Ray Astrophysics, 587, 580, <http://adsabs.harvard.edu/abs/2001AIPC..587..580G>
34. Gonthier, Peter L., Ouellette, Michelle S., O'Brien, Shawn, Berrier, Joel, and Harding, Alice K., *Galactic population of radio and gamma-ray pulsars*, 2001, 20th Texas Symposium on relativistic astrophysics, 586, 547, <http://adsabs.harvard.edu/abs/2001AIPC..586..547G>
35. Gonthier, Peter L., Harding, Alice K., Baring, Matthew G., Costello, Rachel M., and Mercer, Cassandra L., *Compton Scattering in Ultrastrong Magnetic Fields: Numerical and Analytical Behavior in the Relativistic Regime*, 2000, The Astrophysical Journal, 540, 907, <http://adsabs.harvard.edu/abs/2000ApJ...540..907G>
36. Gonthier, Peter L., Costello, Rachel M., Mercer, Cassandra L., Harding, Alice K., and Baring, Matthew G., *Relativistic compton scattering in ultra-strong magnetic fields*, 2000, Gamma-ray Bursts, 5th Huntsville Symposium, 526, 852, <http://adsabs.harvard.edu/abs/2000AIPC..526..852G>
37. Gonthier, P. L., Costello, R. M., Harding, A. K., and Baring, M. G., *Relativistic Compton Scattering in Ultra-Strong Magnetic Fields*, 2000, Bulletin of the American Astronomical Society, 32, 133.05, <http://adsabs.harvard.edu/abs/2000AAS...19513305G>

38. Viesti, G., Lunardon, M., Fabris, D., Nebbia, G., Cinausero, M., Fioretto, E., Napoli, D. R., Prete, G., Hagel, K., Natowitz, J. B., Wada, R., Gonthier, P., Majka, Z., Alfarro, R., Zhao, Y., Mdeidayeh, N., and Ho, T., *Energy deposition and GDR emission in the reaction $^{209}\text{Bi}(\alpha, \alpha')$ at 240 MeV*, 1999, Nuclear Physics A, 652, 17, <http://adsabs.harvard.edu/abs/1999NuPhA.652...17V>
39. Viesti, G., Lunardon, M., Fabris, D., Negbbia, G., Cinausero, M., Fioretto, E., Napoli, D. R., Prete, G., Hagel, K., Natowitz, J. B., Wada, R., Gonthier, P., Majka, Z., Alfarro, R., Zhao, Y., Mdeidayeh, N., and Ho, T., *Energy deposition and GDR emission in inelastic alpha particle scattering*, 1999, Nuclear Physics A, 649, 165, <http://adsabs.harvard.edu/abs/1999NuPhA.649..165V>
40. Fabris, D., Lunardon, M., Nebbia, G., Viesti, G., Cinausero, M., Fioretto, E., Napoli, D. R., Prete, G., Hagel, K., Natowitz, J. B., Wada, R., Gonthier, P., Majka, Z., Alfarro, R., Zhao, Y., Mdeidayeh, N., and Ho, T., *Excitation energy deposition in $^{209}\text{Bi}(\alpha, \alpha')$ reactions at 240 MeV*, 1999, Nuclear Physics A, 654, 775c, <http://adsabs.harvard.edu/abs/1999NuPhA.654..775F>
41. Fabris, D., Lunardon, M., Nebbia, G., Viesti, G., Cinausero, M., Fioretto, E., Napoli, D. R., Prete, G., Hagel, K., Natowitz, J. B., Wada, R., Gonthier, P., Majka, Z., Alfarro, R., Zhao, Y., Mdeidayeh, N., and Ho, T., *Excitation energy deposition in $^{209}\text{Bi}(\alpha, \alpha')$ reactions at 240 MeV*, 1998, Physical Review C, 58, R624, <http://adsabs.harvard.edu/abs/1998PhRvC..58..624F>
42. Fabris, D., Nebbia, G., Viesti, G., Lunardon, M., Cinausero, M., Fioretto, E., Napoli, D. R., Prete, G., Hagel, K., Natowitz, J. B., Wada, R., Gonthier, P., Majka, Z., Alfarro, R., Zhao, Y., Mdeidayeh, N., and Ho, T., *Energy deposition in ? reactions at ?*, 1997, Journal of Physics G Nuclear Physics, 23, 1377, <http://adsabs.harvard.edu/abs/1997JPhG...23.1377F>
43. Deyoung, P. A., Dykstra, C., Gonthier, P., Mader, C., Peaslee, G. F., Peterson, D., Sedlar, R., Sundbeck, S., Shaw, N., Westfall, G., Craig, D., Lacey, R., Li, T., Reposeur, T., Vandermolen, A., Winfield, J. S., Yennello, S., and Nadasen, A., *Sensitivity of small-angle correlations of light charged particles to reaction mechanisms*

- in the $^{16}\text{O}+^{27}\text{Al}$ reaction at 40 MeV/nucleon*, 1997, Physical Review C, 56, 244, <http://adsabs.harvard.edu/abs/1997PhRvC...56..244D>
44. Harding, Alice K., Baring, Matthew G., and Gonthier, Peter L., *Photon-Splitting Cascades in Gamma-Ray Pulsars and the Spectrum of PSR 1509-58*, 1997, The Astrophysical Journal, 476, 246, <http://adsabs.harvard.edu/abs/1997ApJ...476..246H>
45. Baring, M. G., Harding, A. K., and Gonthier, P. L., *The Attenuation of Gamma-Ray Emission in Strongly-Magnetized Pulsars*, 1997, The Transparent Universe, 382, 307, <http://adsabs.harvard.edu/abs/1997ESASP.382..307B>
46. Harding, A. K., Baring, M. G., and Gonthier, P. L., *Photon splitting in gamma-ray pulsars.*, 1996, A&AS, 120, 111, <http://adsabs.harvard.edu/abs/1996A%26AS...120C.111H>
47. Natowitz, J. B., Hagel, K., Wada, R., Majka, Z., Gonthier, P., Li, J., Mdeiwayeh, N., Xiao, B., and Zhao, Y., *Limiting temperatures of neutron rich nuclei: A possible interpretation of data from isotope yield ratios*, 1995, Physical Review C, 52, R2322, <http://adsabs.harvard.edu/abs/1995PhRvC...52.2322N>
48. Hagel, K., Gonin, M., Wada, R., Natowitz, J. B., Haddad, F., Lou, Y., Gui, M., Utley, D., Xiao, B., Li, J., Nebbia, G., Fabris, D., Prete, G., Ruiz, J., Drain, D., Chambon, B., Cheynis, B., Guinet, D., Hu, X. C., Demeyer, A., Pastor, C., Giorni, A., Lleres, A., Stassi, P., Viano, J. B., and Gonthier, P., *Violent collisions and multifragment final states in the $^{40}\text{Ca}+^{40}\text{Ca}$ reaction at 35 MeV/nucleon*, 1994, Physical Review C, 50, 2017, <http://adsabs.harvard.edu/abs/1994PhRvC...50.2017H>
49. Gonthier, P. L. and Harding, A. K., *General relativistic corrections in the gamma-ray emission from pulsars*, 1994, The Astrophysical Journal, 425, 767, <http://adsabs.harvard.edu/abs/1994ApJ...425..767G>
50. Stern, M., Gerlic, E., Billerey, R., Chambon, B., Chevarier, A., Chevarier, N., Cheynis, B., Drain, D., Pastor, C., Vincent-Donnet, C., Giorni, A., Heuer, D., Lleres, A., Viano, J. B., and Gonthier, P. L., *Transfer and break-up reactions in the $30\text{A} \cdot \text{MeV}^{22}\text{Ne} + ^{93}\text{Nb}$ system*, 1993, Nuclear Physics A, 559, 401, <http://adsabs.harvard.edu/abs/1993NuPhA.559..401S>

51. Wada, R., Gonin, M., Gui, M., Hagel, K., Lou, Y., Utley, D., Xiao, B., Miller, D., Natowitz, J. B., Fabris, D., Nebbia, G., Zanon, R., Chambon, B., Cheynis, B., Demeyer, A., Drain, D., Guinet, D., Hu, X. C., Pastor, C., Zaid, K., Alarja, J., Bertholet, R., Giorni, A., Lleres, A., Morand, C., Stassi, P., Schussler, L., Viano, B., and Gonthier, P., *Dynamical aspects of intermediate mass fragment emission in the reaction of $^{32}\text{S} + \text{Ag}$ at 3 A-MeV*, 1992, Nuclear Physics A, 548, 471, <http://adsabs.harvard.edu/abs/1992NuPhA.548..471W>
52. Hagel, K., Gonin, M., Wada, R., Natowitz, J. B., Sa, B. H., Lou, Y., Gui, M., Utley, D., Nebbia, G., Fabris, D., Prete, G., Ruiz, J., Drain, D., Chambon, B., Cheynis, B., Guinet, D., Hu, X. C., Demeyer, A., Pastor, C., Giorni, A., Lleres, A., Stassi, P., Viano, J. B., and Gonthier, P., *Multifragmentation of $^{40}\text{Ca}+^{40}\text{Ca}$* , 1992, Physical Review Letters, 68, 2141, <http://adsabs.harvard.edu/abs/1992PhRvL..68.2141H>
53. Natowitz, J. B., Gonin, M., Hagel, K., Wada, R., Shlomo, S., Bin, X., Gui, M., Lou, Y., Utley, D., Botting, T., Choudhury, R. K., Cooke, L., Hurst, B., O'Kelly, D., Schmitt, R. P., Turmel, W., Utsunomiya, H., Nebbia, G., Fabris, D., Ruiz, J. A., Nardelli, G., Poggi, M., Zanon, R., Viesti, G., Burch, R. H., Gramegna, F., Prete, G., Drain, D., Chambon, B., Cheynis, B., Guinet, D., Hu, X. C., Demeyer, A., Pasteur, C., Giorni, A., Lleres, A., Stassi, P., Viano, B., Menchaca Rocha, A., Brandan, M. E., and Gonthier, P., *Dynamical and statistical properties of hot nuclei*, 1992, Nuclear Physics A, 538, 263, <http://adsabs.harvard.edu/abs/1992NuPhA.538..263N>
54. Nebbia, G., Ruiz, J. A., Fabris, D., Viesti, G., Burch, R. H., Gramegna, F., Prete, G., Giorni, A., Lleres, A., Viano, J. B., Chambon, B., Cheynis, B., Demeyer, A., Drain, D., Guinet, D., Hu, X. C., Gonin, M., Hagel, K., Natowitz, J. B., Wada, R., and Gonthier, P. L., *Incomplete fusion and cluster production in heavy-ion collisions at 30 MeV/nucleon*, 1992, Physical Review C, 45, 317, <http://adsabs.harvard.edu/abs/1992PhRvC..45..317N>
55. Berg, F. D., Boonstra, A., Braak, H. P., Brummund, N., Döring, W., Franke, M., Gonthier, P., Henning, W., Hering, W. T., Hlaváč, S., Holzmann, R., Krusche, B., Kühn, W., Lohner, H., Lorencz, R., Metag, V., Niebur, W., Novotny, R., Ostendorf, R., Pfeiffer, M., Raschke, A., Ritman, J., Röbbig, M., Schutz, Y., Schwalb, O., Simon,

- R. S., Ströher, H., Venema, L., and Wilschut, H. W., *Neutral meson production in relativistic heavy ion collisions*, 1991, *Zeitschrift für Physik A Hadrons and Nuclei*, 340, 297, <http://adsabs.harvard.edu/abs/1991ZPhyA.340..297B>
56. Gonthier, P. L., Lenters, J. D., Vonk, M. T., Bleitz, D., Koppenol, T., Cebra, D. A., Wilson, W. K., Vander Molen, A., Karn, J., Howden, S., Nadasen, A., Winfield, J. S., and Westfall, G. D., *Sources of light particles in peripheral collisions*, 1991, *Physical Review C*, 43, R1504, <http://adsabs.harvard.edu/abs/1991PhRvC..43.1504G>
57. Gonin, M., Cooke, L., Hagel, K., Lou, Y., Natowitz, J. B., Schmitt, R. P., Shlomo, S., Srivastava, B., Turmel, W., Utsunomiya, H., Wada, R., Nardelli, G., Nebbia, G., Viesti, G., Zanon, R., Fornal, B., Prete, G., Niita, K., Hannuschke, S., Gonthier, P., and Wilkins, B., *Dynamical effects on the de-excitation of hot nuclei with $A \sim 160$* , 1990, *Physical Review C*, 42, 2125, <http://adsabs.harvard.edu/abs/1990PhRvC..42.2125G>
58. Gonthier, P. L., Harper, P., Bouma, B., Ramaker, R., Cebra, D. A., Koenig, Z. M., Fox, D., and Westfall, G. D., *Breakup of the projectile at 35 MeV/nucleon*, 1990, *Physical Review C*, 41, 2635, <http://adsabs.harvard.edu/abs/1990PhRvC..41.2635G>
59. Gonin, M., Cooke, L., Fornal, B., Gonthier, P., Gui, M., Lou, Y., Natowitz, J. B., Nardelli, G., Nebbia, G., Prete, G., Schmitt, R. P., Srivastava, B., Turmel, W., Utley, D., Utsunomiya, H., Viesti, G., Wada, R., Wilkins, B., and Zanon, R., *Thermal properties and dynamics of hot nuclei*, 1989, *Nuclear Physics A*, 495, 139, <http://adsabs.harvard.edu/abs/1989NuPhA.495..139G>
60. Gonin, M., Cooke, L., Hagel, K., Lou, Y., Natowitz, J. B., Schmitt, R. P., Srivastava, B., Turmel, W., Utsunomiya, H., Wada, R., Fornal, B., Nardelli, G., Nebbia, G., Viesti, G., Zanon, R., Prete, G., Gonthier, P., and Wilkins, B., *Determination of the temperatures of hot nuclei from "first chance" emission spectra*, 1989, *Physics Letters B*, 217, 406, <http://adsabs.harvard.edu/abs/1989PhLB..217..406G>
61. Hagel, K., Fabris, D., Gonthier, P., Ho, H., Lou, Y., Majka, Z., Mouchaty, G., Namboodiri, M. N., Natowitz, J. B., Nebbia, G., Schmitt, R. P., Viesti, G., Wada, R., and Wilkins, B., *Production and characterization of hot nuclei in the reactions*

- of 19 and 35 MeV/u ^{14}N with ^{145}Sm , 1988, Nuclear Physics A, 486, 429, <http://adsabs.harvard.edu/abs/1988NuPhA.486..429H>
62. Hinnefeld, J. D., Kolata, J. J., Henderson, D. J., Janssens, R. V. F., Kovar, D. G., Lesko, K. T., Rosner, G., Stephans, G. S. F., van den Berg, A. M., Wilkins, B. D., Prosser, F. W., Reinert, S. V., and Gonthier, P. L., *Velocity and angular distributions of evaporation residues from ^{32}S induced reactions*, 1987, Physical Review C, 36, 989, <http://adsabs.harvard.edu/abs/1987PhRvC..36..989H>
63. Gonthier, P. L., Bouma, B., Harper, P., Ramaker, R., Cebra, D. A., Koenig, Z. M., Fox, D., and Westfall, G. D., *Alpha emission at the Fermi energy*, 1987, Physical Review C, 35, 1946, <http://adsabs.harvard.edu/abs/1987PhRvC..35.1946G>
64. Namboodiri, M. N., Choudhury, R. K., Adler, L., Bronson, J. D., Fabris, D., Garg, U., Gonthier, P. L., Hagel, K., Haenni, D. R., Lui, Y. W., Majka, Z., Mouchaty, G., Murakami, T., Natowitz, J. B., Nebbia, G., Schmitt, R. P., Simon, S., Sullivan, J. P., and Youngblood, D. H., *Linear momentum and angular momentum transfer in the reactions of ^{16}O with ^{154}Sm* , 1987, Physical Review C, 35, 149, <http://adsabs.harvard.edu/abs/1987PhRvC..35..149N>
65. Nebbia, G., Hagel, K., Fabris, D., Majka, Z., Natowitz, J. B., Schmitt, R. P., Sterling, B., Mouchaty, G., Berkowitz, G., Strozewski, K., Viesti, G., Gonthier, P. L., Wilkins, B., Namboodiri, M. N., and Ho, H., *Temperatures, barriers, and level densities of highly excited nuclei with $A \sim 160$* , 1986, Physics Letters B, 176, 20, <http://adsabs.harvard.edu/abs/1986PhLB..176...20N>
66. Stephans, G. S. F., Kovar, D. G., Janssens, R. V. F., Rosner, G., Ikezoe, H., Wilkins, B., Henderson, D., Lesko, K. T., Kolata, J. J., Gelbke, C. K., Jacak, B. V., Koenig, Z. M., Westfall, G. D., de Toledo, A. Szanto, Szanto, E. M., and Gonthier, P. L., *Influence of nucleon Fermi motion on incomplete fusion*, 1985, Physics Letters B, 161, 60, <http://adsabs.harvard.edu/abs/1985PhLB..161...60S>
67. Ho, H., Fan, G.-Y., Gonthier, P. L., Kühn, W., Lindl, B., Pfoh, A., Schad, L., Wolski, R., Wurm, J. P., Adloff, J. C., Disdier, D., Rauch, V., and Scheibling, F., *Shadowing of sequential α -emission in deep-inelastic $^{32}\text{S} + ^{93}\text{Nb}$ collisions: A new probe of*

- fragment lifetimes*, 1985, Nuclear Physics A, 437, 465, <http://adsabs.harvard.edu/abs/1985NuPhA.437..465H>
68. Simon, S. H., Gonthier, P. L., Choudhury, R. K., Namboodiri, M. N., Hagel, K., Kniffen, S., Patton, R., Adler, L., and Natowitz, J. B., *The reactions of ^{12}C with ^{12}C AT 293 MeV*, 1984, Nuclear Physics A, 430, 249, <http://adsabs.harvard.edu/abs/1984NuPhA.430..249S>
69. Choudhury, R. K., Gonthier, P. L., Hagel, K., Namboodiri, M. N., Natowitz, J. B., Adler, L., Simon, S., Kniffen, S., and Berkowitz, G., *Evidence for large angular momentum induced deformations of ^{59}Cu* , 1984, Physics Letters B, 143, 74, <http://adsabs.harvard.edu/abs/1984PhLB..143...74C>
70. Fan, G.-Y., Ho, H., Gonthier, P. L., Kühn, W., Pfoh, A., Schad, L., Wolski, R., Wurm, J. P., Adloff, J. C., Disdier, D., Rauch, V., and Scheibling, F., *Shadowing of α -emitting fragments observed in $313\text{ MeV}^{32}\text{S}+^{93}\text{Nb}$ collisions*, 1983, Zeitschrift fur Physik A Hadrons and Nuclei, 310, 269, <http://adsabs.harvard.edu/abs/1983ZPhyA.310..269F>
71. Gonthier, P. L., Ho, H., Namboodiri, M. N., Natowitz, J. B., Adler, L., Simon, S., Hagel, K., Kniffen, S., and Khodai, A., *Light-particle emission in the reactions of ^{16}O with Ti* , 1983, Nuclear Physics A, 411, 289, <http://adsabs.harvard.edu/abs/1983NuPhA.411..289G>
72. Namboodiri, M. N., Choudhury, R. K., Natowitz, J. B., Hagel, K., Adler, L., Gonthier, P. L., Simon, H., Kniffen, S., Patton, R., Thomasi, E., Ngo, C., Mazur, C., and Ribrag, M., *Momentum widths in the fragmentation of $32\text{ MeV}/u\ ^{10}\text{B}$* , 1983, Physical Review C, 28, 460, <http://adsabs.harvard.edu/abs/1983PhRvC..28..460N>
73. Ho, H., Gonthier, P. L., Fan, G.-Y., Kühn, W., Pfoh, A., Schad, L., Wolski, R., Wurm, J. P., Adloff, J. C., Disdier, D., Kamili, A., Rauch, V., Rudolf, G., Scheibling, F., and Strazzeri, A., *Nonequilibrium α emission in deeply inelastic $^{16}\text{O} + ^{58}\text{Ni}$ collisions at 6 and 9 MeV/nucleon*, 1983, Physical Review C, 27, 584, <http://adsabs.harvard.edu/abs/1983PhRvC..27..584H>

74. Bernard, V., Gregoire, C., Mazur, C., Ngô, C., Ribrag, M., Fan, G. Y., Gonthier, P., Ho, H., Kühn, W., and Wurm, J. P., *Further experimental study of fast fission with the Cl + Au system*, 1982, Nuclear Physics A, 385, 319, <http://adsabs.harvard.edu/abs/1982NuPhA.385..319B>
75. Namboodiri, M. N., Gonthier, P., Ho, H., Natowitz, J. B., Eggers, R., Adler, L., Kasiraj, P., Cerruti, C., Chevarier, A., Chevarier, N., and Demeyer, A., *Emission of light charged particles in the reactions of 120 MeV ^{20}Ne with ^{27}Al* , 1981, Nuclear Physics A, 367, 313, <http://adsabs.harvard.edu/abs/1981NuPhA.367..313N>
76. Ho, H. and Gonthier, P. L., *Transformation of cross sections*, 1981, Nuclear Instruments and Methods in Physics Research, 190, 75, <http://adsabs.harvard.edu/abs/1981NIMPR.190...75H>
77. Ho, H., Gonthier, P., Namboodiri, M. N., Natowitz, J. B., Adler, L., Simon, S., Hagel, K., Terry, R., and Khodai, A., *Non-equilibrium α -particle emission at 20 {MeV}/{nucleon}*, 1980, Physics Letters B, 96, 51, <http://adsabs.harvard.edu/abs/1980PhLB...96...51H>
78. Adler, L., Gonthier, P., Ho, J. H. K., Khodai, A., Namboodiri, M. N., Natowitz, J. B., and Simon, S., *Rotational energy and the diffuseness of the boundary between fusion and strongly damped collisions*, 1980, Physical Review Letters, 45, 696, <http://adsabs.harvard.edu/abs/1980PhRvL..45..696A>
79. Gonthier, P., Ho, H., Namboodiri, M. N., Adler, L., Natowitz, J. B., Simon, S., Hagel, K., Terry, R., and Khodai, A., *Limits to the fusion of 310-MeV O-16 with Ti*, 1980, Physical Review Letters, 44, 1387, <http://adsabs.harvard.edu/abs/1980PhRvL..44.1387G>
80. Namboodiri, M. N., Natowitz, J. B., Kasiraj, P., Eggers, R., Adler, L., Gonthier, P., Cerruti, C., and Simon, S., *Erratum: Angular momentum transfer in the deep inelastic reactions of 237 MeV ^{40}Ar with ^{89}Y* , 1980, Physical Review C, 21, 1680, <http://adsabs.harvard.edu/abs/1980PhRvC..21.1680N>
81. Namboodiri, M. N., Natowitz, J. B., Kasiraj, P., Eggers, R., Adler, L., Gonthier, P., Cerruti, C., and Simon, S., *Angular momentum transfer in the deep inelastic reac-*

- tions of 237 MeV ^{40}Ar with ^{89}Y* , 1979, Physical Review C, 20, 982, <http://adsabs.harvard.edu/abs/1979PhRvC..20..982N>
82. Natowitz, J. B., Namboodiri, M. N., Kasiraj, P., Eggers, R., Adler, L., Gonthier, P., Cerruti, C., and Alleman, T., *Primary-Fragment Angular Momenta in Deep-Inelastic Reactions*, 1978, Physical Review Letters, 40, 751, <http://adsabs.harvard.edu/abs/1978PhRvL..40..751N>
83. Natowitz, J. B., Namboodiri, M. N., Eggers, R., Gonthier, P., Geoffrey, K., Hanus, R., Towsley, C., and Das, K., *Errata: The strongly damped collisions of 120 MeV ^{20}Ne with ^{27}Al* , *Nucl. Phys. A277 (1977) 477*, 1977, Nuclear Physics A, 285, 532, <http://adsabs.harvard.edu/abs/1977NuPhA.285..532N>
84. Natowitz, J. B., Namboodiri, M. N., Eggers, R., Gonthier, P., Geoffrey, K., Hanus, R., Towsley, C., and Das, K., *The strongly damped collisions of 120 MeV ^{20}Ne with ^{27}Al* , 1977, Nuclear Physics A, 277, 477, <http://adsabs.harvard.edu/abs/1977NuPhA.277..477N>
85. Eggers, R., Namboodiri, M. N., Gonthier, P., Geoffrey, K., and Natowitz, J. B., *Evidence for Large Rotational-Energy Contributions to the Kinetic Energies of Products of Deep Inelastic Reactions*, 1976, Physical Review Letters, 37, 324, <http://adsabs.harvard.edu/abs/1976PhRvL..37..324E>

Conference Presentations

1. Gonthier, Peter L., Koh, Yew-Meng, and Kust Harding, Alice, *Population synthesis of radio and gamma-ray millisecond pulsars using Markov Chain Monte Carlo techniques*, 2016, AAS/High Energy Astrophysics Division, 15, 114.08, <http://adsabs.harvard.edu/abs/2016HEAD...1511408G>
2. Ickes, Jesse, Gonthier, Peter L., Eiles, Matthew, and Baring, Matthew G., *Resonant Compton Physics for Magnetar Astrophysics*, 2016, American Astronomical Society Meeting Abstracts, 227, 241.11, <http://adsabs.harvard.edu/abs/2016AAS...22724111I>

3. Venter, Christo, Kopp, Andreas, Harding, Alice K, Gonthier, Peter L, and Buesching, Ingo, *The millisecond pulsar contribution to the rising positron fraction*, 2015, arXiv:1508.04676, <http://adsabs.harvard.edu/abs/2015arXiv150804676V>
4. Ickes, Jesse, Gonthier, Peter L., Eiles, Matthew, Baring, Matthew G., and Wadiasingh, Zorawar, *Compton Scattering Cross Sections in Strong Magnetic Fields: Advances for Neutron Star Applications*, 2014, AAS/High Energy Astrophysics Division, 14, 114.14, <http://adsabs.harvard.edu/abs/2014HEAD...1411414I>
5. Frederick, Sara, Gonthier, P. L., and Harding, A. K., *Population Synthesis of Radio & Gamma-Ray Millisecond Pulsars*, 2014, American Astronomical Society Meeting Abstracts #223, 223, 153.06, <http://adsabs.harvard.edu/abs/2014AAS...22315306F>
6. Venter, Christo, Buesching, Ingo, Harding, Alice, Kopp, Andreas, and Gonthier, Peter, *The Contribution of Millisecond Pulsars to the Local Electron / Positron Spectrum*, 2014, 40th COSPAR Scientific Assembly, 40, <http://adsabs.harvard.edu/abs/2014cosp...40E3497V>
7. Gonthier, Peter L., Billman, C., and Harding, A. K., *Population Synthesis of Radio and γ Millisecond Pulsars Using Markov Chain Monte Carlo*, 2013, AAS/High Energy Astrophysics Division, 13, 126.17, <http://adsabs.harvard.edu/abs/2013HEAD...1312617G>
8. Billman, Caleb, Gonthier, P. L., and Harding, A. K., *Population Synthesis of Radio and γ Normal, Isolated Pulsars Using Markov Chain Monte Carlo*, 2013, AAS/High Energy Astrophysics Division, 13, 126.16, <http://adsabs.harvard.edu/abs/2013HEAD...1312616B>
9. Eiles, Matthew, Gonthier, P. L., Baring, M. G., and Wadiasingh, Z., *Compton Scattering Cross Sections in Strong Magnetic Fields: Advances for Neutron Star Applications*, 2013, AAS/High Energy Astrophysics Division, 13, 126.14, <http://adsabs.harvard.edu/abs/2013HEAD...1312614E>
10. Wadiasingh, Zorawar, Baring, M. G., and Gonthier, P. L., *Hard X-ray Emission by Resonant Compton Up-scattering in Magnetars*, 2013, AAS/High Energy Astrophysics Division, 13, 126.09, <http://adsabs.harvard.edu/abs/2013HEAD...1312609W>

11. Gonthier, P. L., Eiles, M. T., Wadiasingh, Z., and Baring, M. G., *Resonant Compton Upscattering in High Field Neutron Stars*, 2012, Electromagnetic Radiation from Pulsars and Magnetars, 466, 251, <http://adsabs.harvard.edu/abs/2012ASPC..466..251G>
12. Gonthier, P. L., Billman, C. D., and Harding, A. K., *Population Synthesis of Normal Radio and Gamma-ray Pulsars Using Markov Chain Monte Carlo Techniques*, 2012, Electromagnetic Radiation from Pulsars and Magnetars, 466, 133, <http://adsabs.harvard.edu/abs/2012ASPC..466..133G>
13. Eiles, Matthew, Wadiasingh, Z., Gonthier, P. L., and Baring, M. G., *Resonant Compton Upscattering in High Field Pulsars and Magnetars*, 2012, American Astronomical Society Meeting Abstracts #219, 219, 237.08, <http://adsabs.harvard.edu/abs/2012AAS...21923708E>
14. Billman, Caleb, Gonthier, P. L., and Harding, A. K., *Population Synthesis of Radio and Gamma-ray Pulsars using the Maximum Likelihood Approach*, 2012, American Astronomical Society Meeting Abstracts #219, 219, 237.06, <http://adsabs.harvard.edu/abs/2012AAS...21923706B>
15. Wadiasingh, Zorawar, Baring, M. G., Gonthier, P. L., and Harding, A. K., *Hard X-ray Emission by Resonant Compton Upscattering in Magnetars*, 2012, American Astronomical Society Meeting Abstracts #219, 219, 226.08, <http://adsabs.harvard.edu/abs/2012AAS...21922608W>
16. Wadiasingh, Zorawar, Baring, M. G., Gonthier, P. L., and Harding, A. K., *Resonant Compton Cooling and Emission by Relativistic Electrons in Magnetars*, 2011, AAS/High Energy Astrophysics Division, 12, 20.02, <http://adsabs.harvard.edu/abs/2011HEAD...12.2002W>
17. Pierbattista, M., Grenier, I., Harding, A., and Gonthier, P. L., *Constraining pulsar gap models with the light-curve and flux properties of the gamma-ray pulsar population*, 2011, American Institute of Physics Conference Series, 1357, 249, <http://adsabs.harvard.edu/abs/2011AIPC.1357..249P>

18. Gonthier, Peter L., Billman, Caleb, Harding, Alice K., Grenier, Isabelle A., and Pierbattista, Marco, *Population Synthesis of Radio and Gamma-ray Pulsars in the Fermi Era*, 2011, American Institute of Physics Conference Series, 1357, 245, <http://adsabs.harvard.edu/abs/2011AIPC.1357..245G>
19. Gonthier, Peter L., Roberts, J. J., Nagelkirk, E., Stam, M., and Harding, A. K., *Population Synthesis of Radio and Gamma-ray Pulsars in the Fermi Era*, 2010, Bulletin of the American Astronomical Society, 42, 16.12, <http://adsabs.harvard.edu/abs/2010HEAD...11.1612G>
20. Pierbattista, Marco, Grenier, Isabelle, Harding, Alice, and Gonthier, Peter, *Constraining pulsar gap models with light-curve shapes of a simulated gamma-ray pulsar population*, 2010, arXiv:1002.0324, <http://adsabs.harvard.edu/abs/2010arXiv1002.0324P>
21. Gonthier, Peter L., Nagelkirk, Erin, Stam, Melanie, and Harding, Alice K., *Population Synthesis of Radio Pulsars in the Fermi Era*, 2009, arXiv:0912.3539, <http://adsabs.harvard.edu/abs/2009arXiv0912.3539G>
22. Gonthier, Peter L., Story, S. A., and Harding, A. K., *Population Statistics Study Of Radio And Gamma-ray Pulsars From The Galactic Disk*, 2008, AAS/High Energy Astrophysics Division #10, 10, 12.01, <http://adsabs.harvard.edu/abs/2008HEAD...10.1201G>
23. Gonthier, Peter L., Story, Sarah A., Clow, Brian D., and Harding, Alice K., *Population statistics of radio and γ -ray pulsars from the Galactic disk*, 2008, Astrophysics of Compact Objects, 968, 112, <http://adsabs.harvard.edu/abs/2008AIPC..968..112G>
24. Gonthier, Peter L., Story, Sarah A., Clow, Brian D., Harding, Alice K., and Grenier, Isabelle A., *Population Statistics of Normal, Radio and Gamma-ray Pulsars from the Galactic Disk*, 2007, The First GLAST Symposium, 921, 431, <http://adsabs.harvard.edu/abs/2007AIPC..921..431G>
25. Story, Sarah A., Gonthier, Peter L., and Harding, Alice K., *Population Synthesis of Radio and Gamma-ray Millisecond Pulsars from the Galactic Disk*, 2007, The First

- GLAST Symposium, 921, 226, <http://adsabs.harvard.edu/abs/2007AIPC...921..226S>
26. Gonthier, Peter L., Story, S. A., Clow, B. D., Harding, A. K., and Grenier, I. A., *Population Statistics of Normal Isolated, Radio and Gamma-ray Pulsars from the Galactic Plane*, 2006, Bulletin of the American Astronomical Society, 38, 159.12, <http://adsabs.harvard.edu/abs/2006AAS...20915912G>
 27. Story, Sarah A., Gonthier, P. L., Clow, B. D., and Harding, A. K., *Population Synthesis of Radio and Gamma-ray Millisecond Pulsars from the Galactic Plane*, 2006, Bulletin of the American Astronomical Society, 38, 159.07, <http://adsabs.harvard.edu/abs/2006AAS...20915907S>
 28. Gonthier, Peter L., Story, S. A., Clow, B. D., Harding, A. K., and Grenier, I. A., *Population Statistics Study Of Normal Isolated, Radio And Gamma-ray Pulsars From The Galactic Plane*, 2006, Bulletin of the American Astronomical Society, 38, 7.71, <http://adsabs.harvard.edu/abs/2006HEAD...9.0771G>
 29. Story, Sarah A., Gonthier, P. L., Clow, B. D., and Harding, A. K., *Population Synthesis Of Radio And Gamma-ray Millisecond Pulsars From The Galactic Plane*, 2006, Bulletin of the American Astronomical Society, 38, 7.65, <http://adsabs.harvard.edu/abs/2006HEAD...9.0765S>
 30. Gonthier, P. L., Story, S. A., Giacherio, B. M., Arevalo, R. A., and Harding, A. K., *The role of core and cone beams in radio pulsar emission*, 2005, Bulletin of the American Astronomical Society, 37, 183.12, <http://adsabs.harvard.edu/abs/2005AAS...20718312G>
 31. Story, S. A., Gonthier, P. L., and Harding, A. K., *Population statistics study of radio and gamma-ray millisecond pulsars in the Galactic plane*, 2005, Bulletin of the American Astronomical Society, 37, 183.10, <http://adsabs.harvard.edu/abs/2005AAS...20718310S>
 32. Gonthier, P. L., van Guilder, R., Harding, A. K., Grenier, I. A., and Perrot, C. A., *Radio-loud and Radio-quiet Gamma-ray Pulsars from the Galactic Plane and the Gould*

- Belt*, 2005, 22nd Texas Symposium on Relativistic Astrophysics, 598, <http://adsabs.harvard.edu/abs/2005tsra.conf..598G>
33. Gonthier, P. L., Van Guilder, R., Harding, A. K., Grenier, I. A., and Perrot, C. A., *Radio-Loud and Radio-Quiet Gamma-Ray Pulsars from the Galaxy and the Gould Belt*, 2005, Multiwavelength Approach to Unidentified Gamma-Ray Sources, 71, <http://adsabs.harvard.edu/abs/2005maug.conf...71G>
 34. Story, S., Giacherio, B., Gonthier, P., and Harding, A., *Developing Radio Beam Geometry and Luminosity Models of Pulsars*, 2004, Bulletin of the American Astronomical Society, 36, 111.03, <http://adsabs.harvard.edu/abs/2004AAS...20511103S>
 35. Gonthier, P. L., Van Guilder, R., Harding, A. K., Grenier, I. A., and Perrot, C. A., *Radio-loud and radio-quiet, gamma-ray pulsars from the Galactic plane and the Gould Belt*, 2004, Bulletin of the American Astronomical Society, 36, 76.08, <http://adsabs.harvard.edu/abs/2004AAS...205.7608G>
 36. Gonthier, P. L., Van Guilder, R., Harding, A. K., Greneir, I., and Perrot, C., *Radio-loud and Radio-quiet, Gamma-ray Pulsars from the Galactic Plane and the Gould Belt*, 2004, Bulletin of the American Astronomical Society, 36, 08.08, <http://adsabs.harvard.edu/abs/2004HEAD...8.0808G>
 37. Gonthier, P. L., Coltisor, S., and Harding, A. K., *Population studies of radio and gamma-ray pulsars in the polar-cap geometry*, 2003, Pulsars, AXPs and SGRs Observed with BeppoSAX and Other Observatories, 115, <http://adsabs.harvard.edu/abs/2003pasb.conf..115G>
 38. Harding, A. K., Arzoumanian, Z., Gonthier, P., and Cordes, J. M., *The Emission Geometry of Young Pulsars*, 2003, Bulletin of the American Astronomical Society, 35, 20.04, <http://adsabs.harvard.edu/abs/2003HEAD...7.2004H>
 39. Gonthier, P. L., Coltisor, S., and Harding, A. K., *Radio and γ -ray Pulse Profiles*, 2003, Bulletin of the American Astronomical Society, 35, 20.01, <http://adsabs.harvard.edu/abs/2003HEAD...7.2001G>
 40. Gonthier, Peter, Bultemeier, Allison, Coltisor, Stefan, and Harding, Alice, *The geometries of the radio and gamma-ray emission beams of pulsars in the polar cap*

- model*, 2002, APS Meeting Abstracts, <http://adsabs.harvard.edu/abs/2002APS..APRK11008G>
41. Harding, Alice, Baring, Matthew, Muslimov, Alexander, and Gonthier, Peter, *Particle Acceleration in High Field Pulsars and Magnetars*, 2002, APS April Meeting Abstracts, <http://adsabs.harvard.edu/abs/2002APS..APR.S7006H>
 42. Harding, A. K., Gonthier, P. L., Ouellette, M. S., O'Brien, S., and Berrier, J., *Galactic Populations of Radio-Loud and Radio-Quiet Gamma-Ray Pulsars*, 2002, Neutron Stars in Supernova Remnants, 271, 335, <http://adsabs.harvard.edu/abs/2002ASPC..271..335H>
 43. Gonthier, Peter L., Ouellette, Michelle S., O'Brien, Shawn, Berrier, Joel, and Harding, Alice K., *Galactic population of radio and gamma-ray pulsars*, 2001, Gamma 2001: Gamma-Ray Astrophysics, 587, 580, <http://adsabs.harvard.edu/abs/2001AIPC..587..580G>
 44. Gonthier, Peter L., Ouellette, Michelle S., O'Brien, Shawn, Berrier, Joel, and Harding, Alice K., *Galactic population of radio and gamma-ray pulsars*, 2001, 20th Texas Symposium on relativistic astrophysics, 586, 547, <http://adsabs.harvard.edu/abs/2001AIPC..586..547G>
 45. Gonthier, P. L., Berrier, J., Ouellette, M. S., O'Brien, S., and Harding, A. K., *Galactic Population of Radio and Gamma-Ray Pulsars*, 2000, Bulletin of the American Astronomical Society, 32, 126.07, <http://adsabs.harvard.edu/abs/2000AAS..19712607G>
 46. Gonthier, P. L., Berrier, J., Ouellette, M. S., O'Brien, S., and Harding, A. K., *Galactic Population of Radio and Gamma-Ray Pulsars*, 2000, Bulletin of the American Astronomical Society, 32, 33.17, <http://adsabs.harvard.edu/abs/2000HEAD...5.3317G>
 47. Gonthier, Peter L., Costello, Rachel M., Mercer, Cassandra L., Harding, Alice K., and Baring, Matthew G., *Relativistic compton scattering in ultra-strong magnetic fields*, 2000, Gamma-ray Bursts, 5th Huntsville Symposium, 526, 852, <http://adsabs.harvard.edu/abs/2000AIPC..526..852G>

48. Gonthier, P. L., Costello, R. M., Harding, A. K., and Baring, M. G., *Relativistic Compton Scattering in Ultra-Strong Magnetic Fields*, 2000, Bulletin of the American Astronomical Society, 32, 133.05, <http://adsabs.harvard.edu/abs/2000AAS...19513305G>

49. Harding, A. K., Baring, M. G., Gonthier, P. L., and Knecht, M., *Photon Splitting/Pair Cascades in Ultra-Strong Magnetic Fields*, 1998, Bulletin of the American Astronomical Society, 30, 29.05, <http://adsabs.harvard.edu/abs/1998AAS...193.2905H>

50. Gonthier, P. L., Ouellette, M. S., Mercer, C. L., Harding, A. K., and Baring, M. G., *Relativistic Compton Scattering in Ultra-Strong Magnetic Fields*, 1998, Bulletin of the American Astronomical Society, 30, 29.04, <http://adsabs.harvard.edu/abs/1998AAS...193.2904G>

51. Fabris, D., Nebbia, G., Viesti, G., Lunardon, M., Cinausero, M., Fioretto, E., Napoli, D. R., Prete, G., Hagel, K., Natowitz, J. B., Wada, R., Gonthier, P., Majka, Z., Alfaro, R., Zhao, Y., Mdeiwayeh, N., and Ho, T., *Energy Deposition in $^{209}\text{Bi}(\alpha, \alpha')$ reactions at 60A MeV*, 1997, APS Division of Nuclear Physics Meeting Abstracts, <http://adsabs.harvard.edu/abs/1997APS...DNP...IG11F>

52. Baring, M. G., Harding, A. K., and Gonthier, P. L., *The Attenuation of Gamma-Ray Emission in Strongly-Magnetized Pulsars*, 1997, The Transparent Universe, 382, 307, <http://adsabs.harvard.edu/abs/1997ESASP.382..307B>