

## A. De Luca- Publications on international refereed journals (as of 2014, July)

1. Marelli M., Belfiore A., Saz Parkinson P., et al.  
*X- and gamma-Ray Pulsations of the Nearby Radio-faint PSR J1741-2054*  
2014, The Astrophysical Journal, 790, 51
2. Saz Parkinson P.M., Belfiore A., Caraveo P., De Luca A., Marelli M., et al.  
*X-ray observations and the search for Fermi-LAT gamma-ray pulsars*  
2014, Astronomische Nachrichten, 335, 291
3. Moran P., Mignani R.P., Collins S., De Luca A., Rea N., Shearer A.  
*Optical observations of PSR J0205+6449 - the next optical pulsar?*  
2013, Monthly Notices of the Royal Astronomical Society, 436, 401
4. Abdo A.A., Ajello M., Allafort A., et al.  
*The Second Fermi Large Area Telescope Catalog of Gamma-Ray Pulsars*  
2013, The Astrophysical Journal Supplement Series, 208, 17
5. Moran P., Shearer A., Mignani R.P., Slowikowska A., De Luca A., Gouiffes C., Laurent P.  
*Optical polarimetry of the inner Crab nebula and pulsar*  
2013, Monthly Notices of the Royal Astronomical Society, 433, 2564
6. Mignani R.P., De Luca A., Rea N., Shearer A., Collins S., Torres D.F., Hadasch D., Caliendo A.  
*Deep optical observations of the gamma-ray pulsar PSR J0007+7303 in the CTA 1 supernova remnant*  
2013, Monthly Notices of the Royal Astronomical Society, 430, 1354
7. De Luca A., Mignani R.P., Marelli M., et al.  
*PSR J0357+3205: A Fast-moving Pulsar with a Very Unusual X-Ray Trail*  
2013, The Astrophysical Journal, 765, L19
8. Weisskopf M.C., Tennant A.F., Arons J., et al.  
*Chandra, Keck, and VLA Observations of the Crab Nebula during the 2011-April Gamma-Ray Flare*  
2013, The Astrophysical Journal, 765, 56
9. Marelli M., De Luca A., Salvetti D., et al.  
*PSR J0357+3205: The Tail of the Turtle*  
2013, The Astrophysical Journal, 765, 36
10. Acharya B.S., Actis M., Aghajani T., et al.  
*Introducing the CTA concept*  
2013, Astroparticle Physics, 43, 3
11. Razzano M., Mignani R.P., Marelli M., De Luca A.  
*New VLT observations of the Fermi pulsar PSR J1048-5832*  
2013, Monthly Notices of the Royal Astronomical Society, 428, 3636
12. Mereghetti S., Esposito P., Tiengo A., Goetz D., Israel G.L., De Luca A.  
*The magnetar candidate AX J1818.8-1559*  
2012, Astronomy and Astrophysics, 546, A30
13. Mignani R.P., Tiengo A., De Luca A.  
*Optical and X-ray observations of candidate isolated neutron stars in the G315.4-2.3 supernova remnant*  
2012, Monthly Notices of the Royal Astronomical Society, 425, 2309
14. Mignani R.P., De Luca A., Hummel W., Zajczyk A., Rudak B., Kanbach G., Slowikowska A.  
*The near-infrared detection of PSR B0540-69 and its nebula*  
2012, Astronomy and Astrophysics, 544, A100
15. Ackermann M., Ajello M., Allafort A., et al.  
*A Statistical Approach to Recognizing Source Classes for Unassociated Sources in the First Fermi LAT Catalog*

- 2012, *The Astrophysical Journal*, 753, 83
16. Mignani R.P., Razzano M., Esposito P., De Luca A., Marelli M., Oates S.R., Saz-Parkinson P.  
*VLT and Suzaku observations of the Fermi pulsar PSR J1028-5819*  
2012, *Astronomy and Astrophysics*, 543, A130
  17. Sartore N., Tiengo A., Mereghetti S., De Luca A., Turolla R., Haberl F.  
*Spectral monitoring of RX J1856.5-3754 with XMM-Newton. Analysis of EPIC-pn data*  
2012, *Astronomy and Astrophysics*, 541, A66
  18. Nolan P.L., Abdo A.A., Ackermann M., et al.  
*Fermi Large Area Telescope Second Source Catalog*  
2012, *The Astrophysical Journal Supplement Series*, 199, 31
  19. De Luca A., Salvetti D., Sartori A., et al.  
*A time-variable, phase-dependent emission line in the X-ray spectrum of the isolated neutron star RX J0822-4300*  
2012, *Monthly Notices of the Royal Astronomical Society*, 421, L72
  20. Fermi LAT Collaboration, Ackermann M., Ajello M., et al.  
*Periodic Emission from the Gamma-Ray Binary 1FGL J1018.6-5856*  
2012, *Science*, 335, 189
  21. Pletsch H.J., Guillemot L., Allen B., et al.  
*Discovery of Nine Gamma-Ray Pulsars in Fermi Large Area Telescope Data Using a New Blind Search Method*  
2012, *The Astrophysical Journal*, 744, 105
  22. Weisskopf M.C., Romani R.W., Razzano M., et al.  
*The Identification of the X-Ray Counterpart to PSR J2021+4026*  
2011, *The Astrophysical Journal*, 743, 74
  23. Esposito P., Turolla R., De Luca A., Israel G.L., Possenti A., Burrows D.N.  
*Swift monitoring of the central X-ray source in RCW 103*  
2011, *Monthly Notices of the Royal Astronomical Society*, 418, 170
  24. Mignani R.P., Shearer A., De Luca A., Moran P., Collins S., Marelli M.  
*VLT observations of the two Fermi pulsars PSR J1357-6429 and PSR J1048-5832*  
2011, *Astronomy and Astrophysics*, 533, A101
  25. De Luca A., Marelli M., Mignani R.P., et al.  
*Discovery of a Faint X-Ray Counterpart and a Parsec-long X-Ray Tail for the Middle-aged, gamma-Ray-only Pulsar PSR J0357+3205*  
2011, *The Astrophysical Journal*, 733, 104
  26. Marelli M., De Luca A., Caraveo P.A.  
*A Multiwavelength Study on the High-energy Behavior of the Fermi/LAT Pulsars*  
2011, *The Astrophysical Journal*, 733, 82
  27. Mereghetti S., Tiengo A., Esposito P., et al.  
*Two magnetars: SGR 1627-41 and 1E 1547-5408*  
2011, *Advances in Space Research*, 47, 1312
  28. Tiengo A., Mignani R.P., De Luca A., Esposito P., Pellizzoni A., Mereghetti S.  
*X-ray and optical observations of the closest isolated radio pulsar*  
2011, *Monthly Notices of the Royal Astronomical Society*, 412, L73
  29. Abdo A.A., Ackermann M., Ajello M., et al.  
*Gamma-Ray Flares from the Crab Nebula*  
2011, *Science*, 331, 739
  30. Tavani M., Bulgarelli A., Vittorini V., et al.

*Discovery of Powerful Gamma-Ray Flares from the Crab Nebula*  
2011, *Science*, 331, 736

31. Ackermann M., Ajello M., Baldini L., et al.  
*Fermi-LAT Search for Pulsar Wind Nebulae Around Gamma-ray Pulsars*  
2011, *The Astrophysical Journal*, 726, 35
32. De Luca A., Mignani R.P., Sartori A., Hummel W., Caraveo P.A., Mereghetti S., Bignami G.F.  
*HST and VLT observations of the neutron star 1E 1207.4-5209*  
2011, *Astronomy and Astrophysics*, 525, A106
33. Caraveo P.A., De Luca A., Marelli M., Bignami G.F., Ray P.S., Saz Parkinson P.M., Kanbach G.  
*X-ray Pulsations from the Radio-quiet Gamma-ray Pulsar in CTA 1*  
2010, *The Astrophysical Journal*, 725, L6
34. Saz Parkinson P.M., Dormody M., Ziegler M., et al.  
*Eight gamma-ray Pulsars Discovered in Blind Frequency Searches of Fermi LAT Data*  
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35. Israel G.L., Esposito P., Rea N., et al.  
*The 2008 October Swift detection of X-ray bursts/outburst from the transient SGR-like AXP 1E1547.0-5408*  
2010, *Monthly Notices of the Royal Astronomical Society*, 408, 1387
36. Pilia M., Pellizzoni A., Trois A., et al.  
*AGILE Observations of the "Soft" Gamma-ray Pulsar PSR B1509-58*  
2010, *The Astrophysical Journal*, 723, 707
37. Esposito P., Israel G.L., Turolla R., et al.  
*Early X-ray and optical observations of the soft gamma-ray repeater SGR0418+5729*  
2010, *Monthly Notices of the Royal Astronomical Society*, 405, 1787
38. Abdo A.A., Ackermann M., Ajello M., et al.  
*Fermi Large Area Telescope First Source Catalog*  
2010, *The Astrophysical Journal Supplement Series*, 188, 405
39. Mignani R.P., Sartori A., De Luca A., Rudak B., Slowikowska A., Kanbach G., Caraveo P.A.  
*HST/WFPC2 observations of the LMC pulsar PSR B0540-69*  
2010, *Astronomy and Astrophysics*, 515, A110
40. Degenaar N., Jonker P.G., Torres D., et al.  
*Multiwavelength observations of 1RXH J173523.7-354013: revealing an unusual bursting neutron star*  
2010, *Monthly Notices of the Royal Astronomical Society*, 404, 1591
41. Abdo A.A., Ackermann M., Ajello M., et al.  
*Detection of the Energetic Pulsar PSR B1509-58 and its Pulsar Wind Nebula in MSH 15-52 Using the Fermi Large Area Telescope*  
2010, *The Astrophysical Journal*, 714, 927
42. Abdo A.A., Ackermann M., Ajello M., et al.  
*The First Fermi Large Area Telescope Catalog of Gamma-ray Pulsars*  
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43. Abdo A.A., Ackermann M., Ajello M., et al.  
*The Vela Pulsar: Results from the First Year of Fermi LAT Observations*  
2010, *The Astrophysical Journal*, 713, 154
44. Abdo A.A., Ackermann M., Ajello M., et al.  
*Fermi Large Area Telescope Observations of PSR J1836+5925*  
2010, *The Astrophysical Journal*, 712, 1209
45. De Luca A., Esposito P., Israel G.L., Goetz D., Novara G., Tiengo A., Mereghetti S.  
*XMM-Newton and Swift observations prove GRB090709A to be a distant, standard, long GRB*

2010, Monthly Notices of the Royal Astronomical Society, 402, 1870

46. Weltevrede P., Abdo A.A., Ackermann M., et al.  
*Gamma-ray and Radio Properties of Six Pulsars Detected by the Fermi Large Area Telescope*  
2010, The Astrophysical Journal, 708, 1426
47. Abdo A.A., Ackermann M., Ajello M., et al.  
*Fermi Large Area Telescope Observations of the Crab Pulsar And Nebula*  
2010, The Astrophysical Journal, 708, 1254
48. Mignani R.P., De Luca A., Pellizzoni A.  
*HST observations of the nebula around the central compact object in the Vela Jr. supernova remnant*  
2009, Astronomy and Astrophysics, 508, 779
49. Esposito P., Burgay M., Possenti A., et al.  
*Spin-down rate and inferred dipole magnetic field of the soft gamma-ray repeater SGR1627-41*  
2009, Monthly Notices of the Royal Astronomical Society, 399, L44
50. Abdo A.A., Ackermann M., Ajello M., et al.  
*A Population of Gamma-Ray Millisecond Pulsars Seen with the Fermi Large Area Telescope*  
2009, Science, 325, 848
51. Abdo A.A., Ackermann M., Ajello M., et al.  
*Detection of 16 Gamma-Ray Pulsars Through Blind Frequency Searches Using the Fermi LAT*  
2009, Science, 325, 840
52. Abdo A.A., Ackermann M., Ajello M., et al.  
*Fermi LAT Observations of LS I +61 303: First Detection of an Orbital Modulation in GeV Gamma Rays*  
2009, The Astrophysical Journal, 701, L123
53. Abdo A.A., Ackermann M., Ajello M., et al.  
*Pulsed Gamma-rays from PSR J2021+3651 with the Fermi Large Area Telescope*  
2009, The Astrophysical Journal, 700, 1059
54. Abdo A.A., Ackermann M., Ajello M., et al.  
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2009, The Astrophysical Journal Supplement Series, 183, 46
55. Novara G., La Palombara N., Mignani R.P., Hatziminaoglou E., Schirmer M., De Luca A., Caraveo P.A.  
*A deep XMM-Newton serendipitous survey of a middle-latitude area. II. New deeper X-ray and optical observations*  
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56. Mignani R.P., De Luca A., Mereghetti S., Caraveo P.A.  
*Deep optical observations of the central X-ray source in the Puppis A supernova remnant*  
2009, Astronomy and Astrophysics, 500, 1211
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2009, The Astrophysical Journal, 695, L115
58. Mattana F., Falanga M., Goetz D., et al.  
*The Evolution of the gamma- and X-Ray Luminosities of Pulsar Wind Nebulae*  
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*Chandra Astrometry Sets a Tight Upper Limit to the Proper Motion of SGR 1900+14*  
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*1E 161348-5055 in the Supernova Remnant RCW 103: A Magnetar in a Young Low-Mass Binary System?*  
2008, *The Astrophysical Journal*, 681, 530
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*PSR J0737-3039: Interacting Pulsars in X-Rays*  
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*Discovery of X-ray emission from the young radio pulsar PSR J1357-6429*  
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