

# List of publications for Oleg Kargaltsev

## Refereed Publications

1. Pavlov G. G., Kargaltsev O., & Brisken W. F. “Chandra Observation of PSR B1823-13 and its Pulsar Wind Nebula”
2. Kargaltsev, O., Pavlov, G. G., & Garmire, G. P., “HESS J1804-216 in X-rays and at other wavelengths”, 2007, ApJ, submitted, (astro-ph/0701069)
3. Kargaltsev, O., & Pavlov G. G., “X-ray emission from PSR J1809–1917 and its pulsar wind nebula, possibly associated with the TeV gamma-ray source HESS J1809–193”, 2007, ApJ, accepted, (arXiv:0705.2378)
4. Pavlov, G., Kargaltsev, O., Garmire, G., & Wolszczan, A., “X-ray emission from the planet pulsar B1257+12”, 2007, ApJ, accepted, (arXiv:0704.2079)
5. Kargaltsev, O., Pavlov, G. G., & Garmire, G. P., “X-ray emission from PSR B1800-21 and its pulsar-wind nebula”, 2007, ApJ, 660, 1417
6. Kargaltsev, O., & Pavlov, G., “UV emission from young and middle-aged pulsars”, 2007, Astrophysics and Space Science, 308, 287
7. Sangwook, P., Mori, K., Kargaltsev, O., et al., “Discovery of a Candidate Central Compact Object in the Galactic Nonthermal SNR G330.2+1.0”, 2006, ApJ, 653L, 37
8. Kargaltsev, O., Pavlov, G. G., & Garmire, G. P., “X-ray Emission from the Double Neutron Star Binary J1537+1155”, 2006, ApJ, 646, 1139
9. Kargaltsev, O., Pavlov, G. G., & Garmire, G. P., “X-ray Emission from the Nearby PSR B1133+16 and Other Old Pulsars”, 2006, ApJ, 636, 406
10. Romani, R. W., Kargaltsev, O., & Pavlov, G. G., “The Vela pulsar in UV”, 2005, ApJ, 627, 383
11. Kargaltsev, O., Pavlov, G. G., Romani R. W., & Zavlin, V. E., “Ultraviolet Emission from the Geminga Pulsar: Connecting X-rays with the Optical”, 2005, ApJ, 625, 307
12. Mignani, R. P., Pulone L., Iannicola, G., Pavlov, G. G., Townsley, L., & Kargaltsev, O., "Search for the elusive optical counterpart of PSR J0537-6910 with the HST Advanced Camera for Surveys", 2005, A&A, 431, 569
13. Kargaltsev, O., Pavlov, G. G., & Romani, R. W., “Ultraviolet Emission from the Millisecond Pulsar J0437-4715”, 2004, ApJ, 602, 327
14. Mignani, R. P., De Luca, A., Kargaltsev, O., Pavlov G. G., Zaggia S., Caraveo P. A., & Becker W., “Search for the Optical Counterpart of the Vela Pulsar X-ray Nebula”, 2003, ApJ, 594, 419
15. Pavlov, G. G., Teter, M. A., Kargaltsev, O., & Sanwal, D., “The Variable Jet of the Vela Pulsar”, 2003, ApJ, 591, 1157
16. Kargaltsev, O., Pavlov, G. G., Sanwal, D., & Garmire, G. P., “The Compact Central Source of the SNR G266.2-1.2”, 2002, ApJ, 580, 1060
17. Pavlov, G. G., Kargaltsev, O., Sanwal D., & Garmire, G. P., “Variability of the Vela Pulsar Wind Nebula Observed with Chandra”, 2001, ApJ, 554, L189

## Conference proceedings

1. Kargaltsev, O., & Pavlov, G. G., “Vela PWN: A new perspective”, 2004, in "Young Neutron Stars and Their Environments" (IAU Symposium 218, ASP Conference Proceedings), eds F. Camilo and B. M. Gaensler, p. 195, (astro-ph/0310767)
2. Kargaltsev, O., Pavlov, G. G., Teter, M. A., Sanwal, D., “The jets of the Vela pulsar”, 2003, *New Astronomy Reviews*, 47, 487, in the Proc. of “The Physics of Relativistic Jets in the CHANDRA and XMM Era” symposium, 23-27 September 2002, Bologna, Italy.
3. Sanwal, D., Pavlov, G. G., Kargaltsev, O., Garmire, G. P., Zavlin, V. E., Burwitz, V., Manchester, R. N. & Dodson, R., “X-ray Spectrum and Pulsations of the Vela Pulsar”, in *Neutron Stars in Supernova Remnants*, ASP ser., v. 271, p. 353, 2002, eds. P.O. Slane & B. M. Gaensler.
4. Kargaltsev, O., Pavlov, G. G., Sanwal D., & Garmire, G. P., “The Vela pulsar wind nebula resolved with Chandra”, in *Neutron Stars in Supernova Remnants*, ASP ser., v. 271, p. 181, 2002, eds. P.O. Slane & B. M. Gaensler.

## Conference abstracts

1. Kargaltsev, O., Pavlov, G., Sanwal, D., et al. “X-ray Emission From Vela-like Pulsar B1800-21 And Other Young Pulsars Observed With Chandra” 2006, AAS HEAD meeting 9, #7.57
2. Kargaltsev, O., Pavlov G. G., Garmire, G. P., & Sanwal, D “Chandra Observations of Radio Pulsars”, 2005, in *Six Years of Science with Chandra: Dedicated to Leon Van Speybroeck*
3. Kargaltsev, O., & Pavlov, G. G., “X-ray Properties of Pulsars and their Wind Nebulae”, 2004, AAS Meeting 205, #102.14
4. Pavlov, G. G., Kargaltsev, O., Romani, R., & Zavlin, V. , “Far-UV radiation from pulsars: Connecting X-rays with optical”, 2004, *American Astronomical Society*, HEAD meeting #8, #11.02
5. Pavlov G. G., Kargaltsev, O., Zavlin V. E., & Sanwal, D, “Pulsars and Pulsar-wind Nebulae in the Chandra Era”, 2003, in *Four Years of Chandra Observations: A Tribute to Riccardo Giacconi*
6. Teter, M. A., Pavlov, G. G., Sanwal, D. & Kargaltsev, O. , “The Twisting Jet from the Vela Pulsar”, 2002, 200th AAS Meeting, #78.06; *BAAS*, Vol. 34, p.779
7. Kargaltsev, O., Pavlov, G. G., Sanwal, D., Garmire, G. P., “The Compact Central Source of the SNR G266.2-1.2”, 2002, 200th AAS Meeting, #72.02; *BAAS*, Vol. 34, p.764
8. Pavlov, G. G., Sanwal D., Kargaltsev, O., & Garmire, G. P. , “The Vela Pulsar and its Synchrotron Nebula: Surprises from Chandra” , 2001, in *Two Years of Science with Chandra Symposium in Washington*.

## Press releases

“Firehose-like jet discovered in action”, NASA News Release, 06/30/2003