

**Name:**

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Cahill Center for Astrophysics  
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**Professional Preparation**

1993 University of California, Berkeley	Ph.D. (Physics)
1985 Dartmouth College	A.B. <i>Magna cum laude</i> (Physics, with High Honors)

**Employment:**

03/2013 - present	Benjamin M. Rosen Professor of Physics and Astronomy, Caltech
08/2005 - 03/2013	Professor of Physics and Astronomy, Caltech
12/2001 - 08/2005	Associate Professor of Physics and Astronomy, Caltech
12/1995 - 12/2001	Assistant Professor of Physics, California Institute of Technology
12/1993 - 12/1995	Robert A. Millikan Research Fellow, California Institute of Technology
01/1988 - 11/1993	Research Assistant, Space Sciences Laboratory, Department of Physics University of California, Berkeley

**Fellowships and Awards:**

2015 - Bruno Rossi Prize, American Astronomical Society  
2015 - Honorary Fellow, Royal Astronomical Society  
2014 - Member, National Academy of Sciences  
2014 - Fellow, American Academy of Arts and Sciences  
2013 - NASA Outstanding Public Leadership Medal  
2012 - Fellow of the American Physical Society  
2010 - Doctor Technices Honoris Causa (Honorary Degree), Danish Technical University  
2008 - Named one of America's Best Leaders, U.S. News and Kennedy School of Government  
2000 - Presidential Early Career Award  
1993 - Robert A. Millikan Prize Fellowship in Experimental Physics  
1989 - 1992 NASA Graduate Student Research Fellow  
1985 - Phi Beta Kappa  
1985 - High Honors in Physics, Dartmouth College

**Invited Prize Positions and Lectures (selected):**

Celia Payne-Gaposchkin Lecture, Harvard University 2015  
Durham University (UK) International Senior Research Fellowship 2014  
Sackler Fellowship, Cambridge University 2014  
Bahcall Colloquium, Weizmann Institute 2013  
Lyman Spitzer Lecturer, Princeton University, 2014

**Projects:**

Principal Investigator: *Nuclear Spectroscopic Telescope Array (NuSTAR)* Small Explorer

Principal Investigator: NASA *High-Energy Focusing Telescope* Balloon Payload

**Research Interests:**

Stellar-mass and supermassive black holes; gamma-ray bursts; supernovae  
Detector and optics development for high-energy astrophysical telescopes

**Local and Professional Service (selected):**

Chair, Caltech Presidential Search Committee (2013)  
Executive Committee, National Academies Space Studies Board  
New Worlds New Horizons Decadal Survey Panel  
MIT Kavli Center Visiting Committee  
Max Planck Extraterrestrische Institute Fachbeirat (Oversight Committee)

**Graduate Students:**

Peter Mao (PhD 2002), Sarah Yost (PhD 2004), Megan Eckart (PhD 2006)  
Hubert Chen (PhD 2008), Brad Cenko (PhD 2008), Varun Bhalerao (2012),  
Mislav Bolokovic, Kristen Boydsten

**Affiliations:**

American Astronomical Society, American Physical Society

Includes only accepted publications in refereed journals.

## Publications

- [1] A. Marinucci, G. Matt, S. Bianchi, T. N. Lu, P. Arevalo, M. Baloković, D. Ballantyne, F. E. Bauer, S. E. Boggs, F. E. Christensen, W. W. Craig, P. Gandhi, C. J. Hailey, F. Harrison, S. Puccetti, E. Rivers, D. J. Walton, D. Stern, and W. Zhang. The Seyfert 2 galaxy NGC 2110: hard X-ray emission observed by NuSTAR and variability of the iron K-alpha line. *MNRAS*, 447:160–167, February 2015.
- [2] E. Kara, A. Zoghbi, A. Marinucci, D. J. Walton, A. C. Fabian, G. Risaliti, S. E. Boggs, F. E. Christensen, F. Fuerst, C. J. Hailey, F. A. Harrison, G. Matt, M. L. Parker, C. S. Reynolds, D. Stern, and W. W. Zhang. Iron K and Compton hump reverberation in SWIFT J2127.4+5654 and NGC 1365 revealed by NuSTAR and XMM-Newton. *MNRAS*, 446:737–749, January 2015.
- [3] A. Zoglauer, S. P. Reynolds, H. An, S. E. Boggs, F. E. Christensen, W. W. Craig, C. L. Fryer, B. W. Grefenstette, F. A. Harrison, C. J. Hailey, R. A. Krivonos, K. K. Madsen, H. Miyasaka, D. Stern, and W. W. Zhang. The Hard X-Ray View of the Young Supernova Remnant G1.9+0.3. *ApJ*, 798:98, January 2015.
- [4] D. Chakrabarty, J. A. Tomsick, B. W. Grefenstette, D. Psaltis, M. Bachetti, D. Barret, S. E. Boggs, F. E. Christensen, W. W. Craig, F. Fürst, C. J. Hailey, F. A. Harrison, V. M. Kaspi,

- J. M. Miller, M. A. Nowak, V. Rana, D. Stern, D. R. Wik, J. Wilms, and W. W. Zhang. A Hard X-Ray Power-law Spectral Cutoff in Centaurus X-4. *ApJ*, 797:92, December 2014.
- [5] D. R. Wik, B. D. Lehmer, A. E. Hornschemeier, M. Yukita, A. Ptak, A. Zezas, V. Antoniou, M. K. Argo, K. Bechtol, S. Boggs, F. Christensen, W. Craig, C. Hailey, F. Harrison, R. Krivonos, T. J. Maccarone, D. Stern, T. Venters, and W. W. Zhang. Spatially Resolving a Starburst Galaxy at Hard X-Ray Energies: NuSTAR, Chandra, and VLBA Observations of NGC 253. *ApJ*, 797:79, December 2014.
- [6] N. Degenaar, J. M. Miller, F. A. Harrison, J. A. Kennea, C. Kouveliotou, and G. Younes. High-resolution X-Ray Spectroscopy of the Bursting Pulsar GRO J1744-28. *ApJL*, 796:L9, November 2014.
- [7] S. P. Tendulkar, F. Fürst, K. Pottschmidt, M. Bachetti, V. B. Bhalerao, S. E. Boggs, F. E. Christensen, W. W. Craig, C. A. Hailey, F. A. Harrison, D. Stern, J. A. Tomsick, D. J. Walton, and W. Zhang. NuSTAR Discovery of a Cyclotron Line in the Be/X-Ray Binary RX J0520.5-6932 during Outburst. *ApJ*, 795:154, November 2014.
- [8] M. Bachetti, F. A. Harrison, D. J. Walton, B. W. Grefenstette, D. Chakrabarty, F. Fürst, D. Barret, A. Beloborodov, S. E. Boggs, F. E. Christensen, W. W. Craig, A. C. Fabian, C. J. Hailey, A. Hornschemeier, V. Kaspi, S. R. Kulkarni, T. Maccarone, J. M. Miller, V. Rana, D. Stern, S. P. Tendulkar, J. Tomsick, N. A. Webb, and W. W. Zhang. An ultraluminous X-ray source powered by an accreting neutron star. *Nature*, 514:202–204, October 2014.
- [9] M. Baloković, A. Comastri, F. A. Harrison, D. M. Alexander, D. R. Ballantyne, F. E. Bauer, S. E. Boggs, W. N. Brandt, M. Brightman, F. E. Christensen, W. W. Craig, A. Del Moro, P. Gandhi, C. J. Hailey, M. Koss, G. B. Lansbury, B. Luo, G. M. Madejski, A. Marinucci, G. Matt, C. B. Markwardt, S. Puccetti, C. S. Reynolds, G. Risaliti, E. Rivers, D. Stern, D. J. Walton, and W. W. Zhang. The NuSTAR View of Nearby Compton-thick Active Galactic Nuclei: The Cases of NGC 424, NGC 1320, and IC 2560. *ApJ*, 794:111, October 2014.
- [10] D. Stern, G. B. Lansbury, R. J. Assef, W. N. Brandt, D. M. Alexander, D. R. Ballantyne, M. Baloković, F. E. Bauer, D. Benford, A. Blain, S. E. Boggs, C. Bridge, M. Brightman, F. E. Christensen, A. Comastri, W. W. Craig, A. Del Moro, P. R. M. Eisenhardt, P. Gandhi, R. L. Griffith, C. J. Hailey, F. A. Harrison, R. C. Hickox, T. H. Jarrett, M. Koss, S. Lake, S. M. LaMassa, B. Luo, C.-W. Tsai, C. M. Urry, D. J. Walton, E. L. Wright, J. Wu, L. Yan, and W. W. Zhang. NuSTAR and XMM-Newton Observations of Luminous, Heavily Obscured, WISE-selected Quasars at  $z \sim 2$ . *ApJ*, 794:102, October 2014.
- [11] B. Luo, W. N. Brandt, D. M. Alexander, D. Stern, S. H. Teng, P. Arévalo, F. E. Bauer, S. E. Boggs, F. E. Christensen, A. Comastri, W. W. Craig, D. Farrah, P. Gandhi, C. J. Hailey, F. A. Harrison, M. Koss, P. Ogle, S. Puccetti, C. Saez, A. E. Scott, D. J. Walton, and W. W. Zhang. Weak Hard X-Ray Emission from Broad Absorption Line Quasars: Evidence for Intrinsic X-Ray Weakness. *ApJ*, 794:70, October 2014.
- [12] D. R. Ballantyne, J. M. Bollenbacher, L. W. Brenneman, K. K. Madsen, M. Baloković, S. E. Boggs, F. E. Christensen, W. W. Craig, P. Gandhi, C. J. Hailey, F. A. Harrison, A. M.

- Lohfink, A. Marinucci, C. B. Markwardt, D. Stern, D. J. Walton, and W. W. Zhang. NuSTAR Reveals the Comptonizing Corona of the Broad-line Radio Galaxy 3C 382. *ApJ*, 794:62, October 2014.
- [13] H. An, K. K. Madsen, S. P. Reynolds, V. M. Kaspi, F. A. Harrison, S. E. Boggs, F. E. Christensen, W. W. Craig, C. L. Fryer, B. W. Grefenstette, C. J. Hailey, K. Mori, D. Stern, and W. W. Zhang. High-energy X-Ray Imaging of the Pulsar Wind Nebula MSH 15-52: Constraints on Particle Acceleration and Transport. *ApJ*, 793:90, October 2014.
- [14] K. Mori, E. V. Gotthelf, F. Dufour, V. M. Kaspi, J. P. Halpern, A. M. Beloborodov, H. An, M. Bachetti, S. E. Boggs, F. E. Christensen, W. W. Craig, C. J. Hailey, F. A. Harrison, C. Kouveliotou, M. J. Pivovarov, D. Stern, and W. W. Zhang. A Broadband X-Ray Study of the Geminga Pulsar with NuSTAR and XMM-Newton. *ApJ*, 793:88, October 2014.
- [15] M. L. Parker, D. R. Wilkins, A. C. Fabian, D. Grupe, T. Dauser, G. Matt, F. A. Harrison, L. Brenneman, S. E. Boggs, F. E. Christensen, W. W. Craig, L. C. Gallo, C. J. Hailey, E. Kara, S. Komossa, A. Marinucci, J. M. Miller, G. Risaliti, D. Stern, D. J. Walton, and W. W. Zhang. The NuSTAR spectrum of Mrk 335: extreme relativistic effects within two gravitational radii of the event horizon? *MNRAS*, 443:1723–1732, September 2014.
- [16] S. Puccetti, A. Comastri, F. Fiore, P. Arévalo, G. Risaliti, F. E. Bauer, W. N. Brandt, D. Stern, F. A. Harrison, D. M. Alexander, S. E. Boggs, F. E. Christensen, W. W. Craig, P. Gandhi, C. J. Hailey, M. J. Koss, G. B. Lansbury, B. Luo, G. M. Madejski, G. Matt, D. J. Walton, and W. Zhang. The Variable Hard X-Ray Emission of NGC 4945 as Observed by NuSTAR. *ApJ*, 793:26, September 2014.
- [17] P. Gandhi, G. B. Lansbury, D. M. Alexander, D. Stern, P. Arévalo, D. R. Ballantyne, M. Baloković, F. E. Bauer, S. E. Boggs, W. N. Brandt, M. Brightman, F. E. Christensen, A. Comastri, W. W. Craig, A. Del Moro, M. Elvis, A. C. Fabian, C. J. Hailey, F. A. Harrison, R. C. Hickox, M. Koss, S. M. LaMassa, B. Luo, G. M. Madejski, A. F. Ptak, S. Puccetti, S. H. Teng, C. M. Urry, D. J. Walton, and W. W. Zhang. NuSTAR Unveils a Compton-thick Type 2 Quasar in Mrk 34. *ApJ*, 792:117, September 2014.
- [18] E. C. Bellm, F. Fürst, K. Pottschmidt, J. A. Tomsick, S. E. Boggs, D. Chakrabarty, F. E. Christensen, W. W. Craig, C. J. Hailey, F. A. Harrison, D. Stern, D. J. Walton, J. Wilms, and W. W. Zhang. Confirmation of a High Magnetic Field in GRO J1008-57. *ApJ*, 792:108, September 2014.
- [19] D. R. Wik, A. Hornstrup, S. Molendi, G. Madejski, F. A. Harrison, A. Zoglauer, B. W. Grefenstette, F. Gastaldello, K. K. Madsen, N. J. Westergaard, D. D. M. Ferreira, T. Kitaguchi, K. Pedersen, S. E. Boggs, F. E. Christensen, W. W. Craig, C. J. Hailey, D. Stern, and W. W. Zhang. NuSTAR Observations of the Bullet Cluster: Constraints on Inverse Compton Emission. *ApJ*, 792:48, September 2014.
- [20] M. Heida, P. G. Jonker, M. A. P. Torres, E. Kool, M. Servillat, T. P. Roberts, P. J. Groot, D. J. Walton, D.-S. Moon, and F. A. Harrison. Near-infrared counterparts of ultraluminous X-ray sources. *MNRAS*, 442:1054–1067, August 2014.

- [21] P. Arévalo, F. E. Bauer, S. Puccetti, D. J. Walton, M. Koss, S. E. Boggs, W. N. Brandt, M. Brightman, F. E. Christensen, A. Comastri, W. W. Craig, F. Fuerst, P. Gandhi, B. W. Grefenstette, C. J. Hailey, F. A. Harrison, B. Luo, G. Madejski, K. K. Madsen, A. Marinucci, G. Matt, C. Saez, D. Stern, M. Stuhlinger, E. Treister, C. M. Urry, and W. W. Zhang. The 2-79 keV X-Ray Spectrum of the Circinus Galaxy with NuSTAR, XMM-Newton, and Chandra: A Fully Compton-thick Active Galactic Nucleus. *ApJ*, 791:81, August 2014.
- [22] S. P. Tendulkar, C. Yang, H. An, V. M. Kaspi, A. M. Archibald, C. Bassa, E. Bellm, S. Bogdanov, F. A. Harrison, J. W. T. Hessels, G. H. Janssen, A. G. Lyne, A. Patruno, B. Stappers, D. Stern, J. A. Tomsick, S. E. Boggs, D. Chakrabarty, F. E. Christensen, W. W. Craig, C. A. Hailey, and W. Zhang. NuSTAR Observations of the State Transition of Millisecond Pulsar Binary PSR J1023+0038. *ApJ*, 791:77, August 2014.
- [23] A. Bodaghee, J. A. Tomsick, R. Krivonos, D. Stern, F. E. Bauer, F. M. Fornasini, N. Barrière, S. E. Boggs, F. E. Christensen, W. W. Craig, E. V. Gotthelf, C. J. Hailey, F. A. Harrison, J. Hong, K. Mori, and W. W. Zhang. Initial Results from NuSTAR Observations of the Norma Arm. *ApJ*, 791:68, August 2014.
- [24] J. S. Kaastra, G. A. Kriss, M. Cappi, M. Mehdipour, P.-O. Petrucci, K. C. Steenbrugge, N. Arav, E. Behar, S. Bianchi, R. Boissay, G. Branduardi-Raymont, C. Chamberlain, E. Costantini, J. C. Ely, J. Ebrero, L. Di Gesu, F. A. Harrison, S. Kaspi, J. Malzac, B. De Marco, G. Matt, K. Nandra, S. Paltani, R. Person, B. M. Peterson, C. Pinto, G. Ponti, F. P. Nuñez, A. De Rosa, H. Seta, F. Ursini, C. P. de Vries, D. J. Walton, and M. Whewell. A fast and long-lived outflow from the supermassive black hole in NGC 5548. *Science*, 345:64–68, July 2014.
- [25] H. An, V. M. Kaspi, A. M. Beloborodov, C. Kouveliotou, R. F. Archibald, S. E. Boggs, F. E. Christensen, W. W. Craig, E. V. Gotthelf, B. W. Grefenstette, C. J. Hailey, F. A. Harrison, K. K. Madsen, K. Mori, D. Stern, and W. W. Zhang. NuSTAR Observations of X-Ray Bursts from the Magnetar 1E 1048.1-5937. *ApJ*, 790:60, July 2014.
- [26] J. K. Vogel, R. Hascoët, V. M. Kaspi, H. An, R. Archibald, A. M. Beloborodov, S. E. Boggs, F. E. Christensen, W. W. Craig, E. V. Gotthelf, B. W. Grefenstette, C. J. Hailey, F. A. Harrison, J. A. Kennea, K. K. Madsen, M. J. Pivovarov, D. Stern, and W. W. Zhang. NuSTAR Observations of the Magnetar 1E 2259+586. *ApJ*, 789:75, July 2014.
- [27] M. Nynka, C. J. Hailey, S. P. Reynolds, H. An, F. K. Baganoff, S. E. Boggs, F. E. Christensen, W. W. Craig, E. V. Gotthelf, B. W. Grefenstette, F. A. Harrison, R. Krivonos, K. K. Madsen, K. Mori, K. Perez, D. Stern, D. R. Wik, W. W. Zhang, and A. Zoglauer. NuSTAR Study of Hard X-Ray Morphology and Spectroscopy of PWN G21.5-0.9. *ApJ*, 789:72, July 2014.
- [28] A. Zoghbi, E. M. Cackett, C. Reynolds, E. Kara, F. A. Harrison, A. C. Fabian, A. Lohfink, G. Matt, M. Balokovic, S. E. Boggs, F. E. Christensen, W. W. Craig, C. J. Hailey, D. Stern, and W. W. Zhang. Observations of MCG-5-23-16 with Suzaku, XMM-Newton and NuSTAR: Disk Tomography and Compton Hump Reverberation. *ApJ*, 789:56, July 2014.

- [29] E. V. Gotthelf, J. A. Tomsick, J. P. Halpern, J. D. Gelfand, F. A. Harrison, S. E. Boggs, F. E. Christensen, W. W. Craig, J. C. Hailey, V. M. Kaspi, D. K. Stern, and W. W. Zhang. NuSTAR Discovery of a Young, Energetic Pulsar Associated with the Luminous Gamma-Ray Source HESS J1640-465. *ApJ*, 788:155, June 2014.
- [30] D. J. Walton, G. Risaliti, F. A. Harrison, A. C. Fabian, J. M. Miller, P. Arevalo, D. R. Ballantyne, S. E. Boggs, L. W. Brenneman, F. E. Christensen, W. W. Craig, M. Elvis, F. Fuerst, P. Gandhi, B. W. Grefenstette, C. J. Hailey, E. Kara, B. Luo, K. K. Madsen, A. Marinucci, G. Matt, M. L. Parker, C. S. Reynolds, E. Rivers, R. R. Ross, D. Stern, and W. W. Zhang. NuSTAR and XMM-NEWTON Observations of NGC 1365: Extreme Absorption Variability and a Constant Inner Accretion Disk. *ApJ*, 788:76, June 2014.
- [31] L. W. Brenneman, G. Madejski, F. Fuerst, G. Matt, M. Elvis, F. A. Harrison, D. R. Ballantyne, S. E. Boggs, F. E. Christensen, W. W. Craig, A. C. Fabian, B. W. Grefenstette, C. J. Hailey, K. K. Madsen, A. Marinucci, E. Rivers, D. Stern, D. J. Walton, and W. W. Zhang. The Broad-band X-Ray Spectrum of IC 4329A from a Joint NuSTAR/Suzaku Observation. *ApJ*, 788:61, June 2014.
- [32] A. Marinucci, G. Matt, E. Kara, G. Miniutti, M. Elvis, P. Arevalo, D. R. Ballantyne, M. Baloković, F. Bauer, L. Brenneman, S. E. Boggs, M. Cappi, F. E. Christensen, W. W. Craig, A. C. Fabian, F. Fuerst, C. J. Hailey, F. A. Harrison, G. Risaliti, C. S. Reynolds, D. K. Stern, D. J. Walton, and W. Zhang. Simultaneous NuSTAR and XMM-Newton 0.5-80 keV spectroscopy of the narrow-line Seyfert 1 galaxy SWIFT J2127.4+5654. *MNRAS*, 440:2347–2356, May 2014.
- [33] A. Marinucci, G. Matt, G. Miniutti, M. Guainazzi, M. L. Parker, L. Brenneman, A. C. Fabian, E. Kara, P. Arevalo, D. R. Ballantyne, S. E. Boggs, M. Cappi, F. E. Christensen, W. W. Craig, M. Elvis, C. J. Hailey, F. A. Harrison, C. S. Reynolds, G. Risaliti, D. K. Stern, D. J. Walton, and W. Zhang. The Broadband Spectral Variability of MCG-6-30-15 Observed by NuSTAR and XMM-Newton. *ApJ*, 787:83, May 2014.
- [34] V. M. Kaspi, R. F. Archibald, V. Bhlerao, F. Dufour, E. V. Gotthelf, H. An, M. Bachetti, A. M. Beloborodov, S. E. Boggs, F. E. Christensen, W. W. Craig, B. W. Grefenstette, C. J. Hailey, F. A. Harrison, J. A. Kennea, C. Kouveliotou, K. K. Madsen, K. Mori, C. B. Markwardt, D. Stern, J. K. Vogel, and W. W. Zhang. Timing and Flux Evolution of the Galactic Center Magnetar SGR J1745-2900. *ApJ*, 786:84, May 2014.
- [35] N. M. Barrière, J. A. Tomsick, F. K. Baganoff, S. E. Boggs, F. E. Christensen, W. W. Craig, J. Dexter, B. Grefenstette, C. J. Hailey, F. A. Harrison, K. K. Madsen, K. Mori, D. Stern, W. W. Zhang, S. Zhang, and A. Zoglauer. NuSTAR Detection of High-energy X-Ray Emission and Rapid Variability from Sagittarius A<sup>sstarf</sup> Flares. *ApJ*, 786:46, May 2014.
- [36] A. Del Moro, J. R. Mullaney, D. M. Alexander, A. Comastri, F. E. Bauer, E. Treister, D. Stern, F. Civano, P. Ranalli, C. Vignali, J. A. Aird, D. R. Ballantyne, M. Baloković, S. E. Boggs, W. N. Brandt, F. E. Christensen, W. W. Craig, P. Gandhi, R. Gilli, C. J. Hailey, F. A. Harrison, R. C. Hickox, S. M. LaMassa, G. B. Lansbury, B. Luo, S. Puccetti, M. Urry, and W. W. Zhang. NuSTAR J033202-2746.8: Direct Constraints on the Compton Reflection in a Heavily Obscured Quasar at  $z \approx 2$ . *ApJ*, 786:16, May 2014.

- [37] J. M. Miller, M. Bachetti, D. Barret, F. A. Harrison, A. C. Fabian, N. A. Webb, D. J. Walton, and V. Rana. Patchy Accretion Disks in Ultra-luminous X-Ray Sources. *ApJ*, 785:L7, April 2014.
- [38] S. H. Teng, W. N. Brandt, F. A. Harrison, B. Luo, D. M. Alexander, F. E. Bauer, S. E. Boggs, F. E. Christensen, A. Comastri, W. W. Craig, A. C. Fabian, D. Farrah, F. Fiore, P. Gandhi, B. W. Grefenstette, C. J. Hailey, R. C. Hickox, K. K. Madsen, A. F. Ptak, J. R. Rigby, G. Risaliti, C. Saez, D. Stern, S. Veilleux, D. J. Walton, D. R. Wik, and W. W. Zhang. NuSTAR Reveals an Intrinsically X-Ray Weak Broad Absorption Line Quasar in the Ultraluminous Infrared Galaxy Markarian 231. *ApJ*, 785:19, April 2014.
- [39] G. B. Lansbury, D. M. Alexander, A. Del Moro, P. Gandhi, R. J. Assef, D. Stern, J. Aird, D. R. Ballantyne, M. Baloković, F. E. Bauer, S. E. Boggs, W. N. Brandt, F. E. Christensen, W. W. Craig, M. Elvis, B. W. Grefenstette, C. J. Hailey, F. A. Harrison, R. C. Hickox, M. Koss, S. M. LaMassa, B. Luo, J. R. Mullaney, S. H. Teng, C. M. Urry, and W. W. Zhang. NuSTAR Observations of Heavily Obscured Quasars at  $z \sim 0.5$ . *ApJ*, 785:17, April 2014.
- [40] J. A. Tomsick, E. V. Gotthelf, F. Rahoui, R. J. Assef, F. E. Bauer, A. Bodaghee, S. E. Boggs, F. E. Christensen, W. W. Craig, F. M. Fornasini, J. Grindlay, C. J. Hailey, F. A. Harrison, R. Krivonos, L. Natalucci, D. Stern, and W. W. Zhang. NuSTAR J163433-4738.7: A Fast X-Ray Transient in the Galactic Plane. *ApJ*, 785:4, April 2014.
- [41] F. Fürst, K. Pottschmidt, J. Wilms, J. Kennea, M. Bachetti, E. Bellm, S. E. Boggs, D. Chakrabarty, F. E. Christensen, W. W. Craig, C. J. Hailey, F. Harrison, D. Stern, J. A. Tomsick, D. J. Walton, and W. Zhang. NuSTAR Discovery of a Cyclotron Line in KS 1947+300. *ApJ*, 784:L40, April 2014.
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