

Alex Markowitz: Refereed Publications

- 1) “A *Suzaku* Observation of NGC 4593: Illuminating the Truncated Disk,” Markowitz, A. & Reeves, J.N. 2009, ApJ, 705, 496
- 2) “The X-Ray Power Spectral Density Function and Black Hole Mass Estimate for the Seyfert Active Galactic Nucleus IC 4329a,” Markowitz, A., 2009, ApJ, 698, 1740
- 3) “A Comprehensive X-ray Spectral Analysis of the Seyfert 1.5 NGC 3227,” Markowitz, A., Reeves, J.N., George, I.M., et al. 2009, ApJ, 691, 922
- 4) “A correlation between the spectral and timing properties of AGN,” Papadakis, I.E., Sobolewska, M., Arévalo, P., et al. 2008 A&A, 494, 905
- 5) “X-Ray Spectral Variability of the Seyfert Galaxy NGC 4051 Observed with *Suzaku*,” Terashima, T., Gallo, L.C., Inoue, H., et al. 2009, PASJ, 61S, 299
- 6) “A New *XMM-Newton* Long-Look of the Low Luminosity Active Galactic Nucleus NGC 3226,” Binder, B., Markowitz, A. & Rothschild, R.E. 2009, ApJ, 691, 431
- 7) “The long-term X-ray variability properties of AGN in the Lockman Hole region,” Papadakis, I.E., Chatzopoulos, E., Athanasiadis, D., Markowitz, A. & Georgantopoulos, I., 2008, A&A, 487, 475
- 8) “Fourier-resolved energy spectra of the Narrow Line Seyfert 1 Mkn 766”, Arévalo, P., McHardy, I.M., Markowitz, A., Papadakis, I.E., Turner, T.J., Miller, L. & Reeves, J.N., 2008, MNRAS, 387, 279
- 9) “Wide-band Spectroscopy of the Compton-thick Seyfert 2 Galaxy Mrk 3 with *Suzaku*” Awaki, H., Anabuki, N., Fukazawa, Y., et al. PASJ, 60S, 293
- 10) “The *Suzaku* Observation of NGC 3516: Complex Absorption and the Broad and Narrow Fe K Lines,” Markowitz, A., Reeves, J.N., Miniutti, G., et al., 2008, PASJ, 60S, 277
- 11) “Relativistic Iron K Emission and Absorption in the Seyfert 1.9 Galaxy MCG–5-23-16”, Braitto, V., Reeves, J.N., Dwangen, G.C., et al. 2007, ApJ, 670, 978
- 12) “The *Suzaku* Observation of the Nucleus of the Radio-Loud Active Galaxy Centaurus A: Constraints on Abundances of the Accreting Material,” Markowitz, A., Takahashi, T., Watanabe, S., et al., 2007, ApJ, 665, 209
- 13) “A 100 ks *XMM-Newton* view of the Seyfert 1.8 ESO 113-G010: Discovery of large X-ray variability and study of the Fe K α line complex,” Porquet, D., Uttley, P., Reeves, J.N., et al. 2007, A&A, 473, 67
- 14) “Probing the Disk-Jet Connection in the Radio Galaxy 3C 120 Observed with *Suzaku*,” Kataoka, J., Reeves, J.N., Iwasawa, K., et al. 2007, PASJ, 59, 279
- 15) “An *XMM-Newton* Observation of the Atypical Radio-Quiet Quasar PG 1416–129,” Porquet, D., Reeves, J.N., Markowitz, A., Turner, T.J. & Miller, L. 2007, A&A, 466, 23
- 16) “The Energy-Dependent X-ray Timing Characteristics of the Narrow Line Seyfert 1 Mkn 766,” Markowitz, A., Papadakis, I.E., Arévalo, P., Turner, T.J., Miller, L. & Reeves, J.N., 2007, ApJ, 656, 116
- 17) “*Suzaku* Observations of the Hard X-ray Variability of MCG–6-30-15: the Effects of Strong

- Gravity Around a Kerr Black Hole,” Miniutti, G., Fabian, A.C., Anabuki, N., et al. 2007, PASJ, 59S, 315
- 18) “Revealing the High-Energy Emission from the Obscured Seyfert Galaxy MCG–5-23-16 with *Suzaku*,” Reeves, J.N., Awaki, H., Dewangen, G.C., et al. 2007, PASJ, 59S, 301
- 19) “Precision Fe K α and Fe K β Line Spectroscopy of the Seyfert 1.9 Galaxy NGC 2992 with *Suzaku*,” Yaqoob, T., Murphy, K., Griffiths, R.E., et al. 2007, PASJ, 59S, 283
- 20) “The X-ray Observatory *Suzaku*,” Mitsuda, K., Bautz, M., Inoue, H., et al. 2007, PASJ, 59S, 1
- 21) “Fe K Emission and Absorption in the *XMM-Newton* EPIC Spectrum of the Seyfert Galaxy IC 4329a,” Markowitz, A., Reeves, J.N. & Braito, V. 2006, ApJ, 646, 783
- 22) “X-ray Variability Characteristics of the Seyfert 1 Galaxy NGC 3783,” Markowitz, A. 2005, ApJ, 635, 180
- 23) “*Chandra* High-Resolution X-ray Spectroscopy of the Fe K line in the Seyfert 1 Galaxy NGC 3783,” Yaqoob, T., Reeves, J.N., Markowitz, A., Serlemitsos, P. & Padmanabhan, U. 2005, ApJ, 627, 156
- 24) “Low-Luminosity AGN as analogues of Galactic Black Holes in the low/hard state: Evidence from X-ray timing of NGC 4258,” Markowitz, A. & Uttley, P. 2005, ApJ, 625, L39
- 25) “An Expanded *RXTE* Survey of Long-Term X-ray Variability in Seyfert 1 Galaxies,” Markowitz, A. & Edelson, R. 2004, ApJ, 617, 939
- 20) “Long-Term X-ray Spectral Variability in Seyfert 1 Galaxies,” Markowitz, A., Edelson, R. & Vaughan, S. 2003, ApJ, 598, 935
- 26) “Correlated long-term optical and X-ray variations in NGC 5548,” Uttley, P., Edelson, R., McHardy, I., Peterson, B. & Markowitz, A. 2003, ApJ, 584, L53
- 27) “X-ray Fluctuation Power Spectral Densities of Seyfert 1 Galaxies,” Markowitz, A., Edelson, R., Vaughan, S., et al. 2003, ApJ, 593, 96
- 28) “X-ray vs. Optical Variations in the Seyfert 1 Nucleus NGC 3516: A Puzzling Disconnect- edness,” Maoz, D., Markowitz, A., Edelson R. & Nandra, K. AJ, 124, 1988
- 29) “X-ray Spectral Variability and Rapid Variability of the Soft X-ray Spectrum Seyfert 1 Galaxies Ark 564 and Ton S180,” Edelson, R., Turner, T.J., Pounds, K.A., Vaughan, S., Markowitz, A., Marshall, H., Dobbie, P. & Warwick, R. 2002, ApJ, 568, 610
- 30) “Complex X-ray Spectral Variability in Mkn 421 observed with *XMM-Newton*,” Sembay, S., Edelson, R., Markowitz, A., Griffiths, G. & Turner, M.J.L. 2002, ApJ, 574, 634
- 31) “High Temporal Resolution *XMM-Newton* Monitoring of PKS 2155–304,” Edelson, R., Griffiths, G., Markowitz, A., Sembay, S., Turner, M.J.L. & Warwick, R. 2001, ApJ, 554, 274
- 32) “X-ray Power Density Spectrum of the Narrow Line Seyfert 1 Galaxy Akn 564,” Pounds, K.A., Edelson, R., Markowitz, A. & Vaughan, S. 2001, ApJ, 550, L15
- 33) “An *RXTE* Survey of Long-Term X-ray Variability in Seyfert 1 Galaxies,” Markowitz, A. & Edelson, R. 2001, ApJ, 547, 684

Selected Conference Contributions

- 1) “The *Suzaku* view of complex absorption and Fe K emission in Seyferts,” Markowitz, A. et al., 37th COSPAR Scientific Assembly, July 2008, Montréal, Canada., p. 1920, E17-0004-08
- 2) “The *Suzaku* Observation of the Radio-Loud Active Galaxy Centaurus A,” Markowitz, A. et al., at “The Extreme Universe in the *Suzaku* Era,” December 4–8, 2006, Kyoto, Japan
- 3) “*Suzaku* Observation of NGC 3516: Complex Absorption and the Broad and Narrow Fe K Lines,” Markowitz, A. et al., at “Variable and Broad Iron Lines around Black Holes,” 2006, European Space Astronomy Centre, Madrid, Spain
- 4) “Caveats and Pitfalls in AGN Timing Analysis,” Markowitz, A. 2005, in “Blazar Variability Workshop II: Entering the GLAST Era,” ASP Conference Series, Vol. 350, eds. H.R. Miller et al., p. 51
- 5) “Seyfert X-ray Variability: Linking Supermassive and Stellar-Mass Black Holes,” Markowitz, A., 2004, AAS-HEAD, 8, 26.05
- 6) “X-ray Fluctuation Power Spectral Densities of Seyfert 1 Galaxies,” Markowitz, A. et al., 2002, BAAS, 200, 17.03
- 7) “A Comprehensive *RXTE* Database of AGN Variability,” Markowitz, A., Edelson, R. & Vaughan, S. 2001, in “X-ray Emission from Accretion onto Black Holes,” Proceedings of a joint workshop held by the Center for Astrophysics (Johns Hopkins University) and the Laboratory for High Energy Astrophysics (NASA/GSFC) in Baltimore, MD, June 2001, eds.: T. Yaqoob and J.H. Krolik
- 8) “High Temporal Resolution *XMM-Newton* Monitoring of PKS 2155–304,” Edelson, R., Griffiths, G., Sembay, S., Turner, M.J.L., Markowitz, A., Warwick, R. & the *XMM-Newton* EPIC Instrument Team, 2000, BAAS, 197, 125.07
- 9) “Ton S180,” Turner, T.J. et al. 2000, in “Probing the Physics of Active Galactic Nuclei by Multiwavelength Monitoring,” ASP Conference Series, Vol. 224, eds. B. Peterson, R.S. Polidan & R.W. Pogge, p. 303