

Professional Publications

Paolo Padovani

Journal Papers

- J77. *The Radio - X-ray relation as a star formation indicator: Results from the VLA-E-CDFS Survey*, S. Vattakunnel, P. Tozzi, F. Matteucci, **P. Padovani**, N. Miller, M. Bonzini, V. Mainieri, M. Paolillo, L. Vinciletto, W. N. Brandt, B. Luo, K. I. Kellermann, Y. Q. Xue, 2011, Monthly Notices of the Royal Astronomical Society, in press (arXiv:1111.3285)
- J76. *A simplified view of blazars: clearing the fog around long-standing selection effects*, P. Giommi, **P. Padovani**, G. Polenta, S. Turriziani, V. D'Elia, S. Piranomonte, 2011, Monthly Notices of the Royal Astronomical Society, in press (arXiv:1110.4706)
- J75. *The VLA Survey of the Chandra Deep Field South: V. Evolution and Luminosity Functions of sub-mJy radio sources and the issue of radio emission in radio-quiet AGN*, **P. Padovani**, N. A. Miller, K. I. Kellermann, V. Mainieri, P. Rosati, P. Tozzi, 2011, Astrophysical Journal, 740, 20
- J74. *EMU: Evolutionary Map of the Universe*, R. P. Norris, A. M. Hopkins, J. Afonso, S. Brown, J. J. Condon, L. Dunne, I. Feain, R. Hollow, M. Jarvis, M. Johnston-Hollitt, E. Lenc, E. Middelberg, **P. Padovani** and other 44 authors, 2011, Publications of the Astronomical Society of Australia, 28, 215
- J73. *The MicroJy and NanoJy Radio Sky: Source Population and Multi-wavelength Properties*, **P. Padovani**, 2011, Monthly Notices of the Royal Astronomical Society, 411, 1547
- J72. *The Spectral Energy Distribution of Fermi bright blazars*, A. A. Abdo, et al. [**P. Padovani** one of 257 authors], 2010, Astrophysical Journal, 716, 30
- J71. *The number counts, luminosity functions and evolution of microwave-selected (WMAP) blazars and radio galaxies*, P. Giommi, S. Colafrancesco, **P. Padovani**, D. Gasparri, E. Cavazzuti, S. Cutini, 2009, Astronomy & Astrophysics, 508, 107
- J70. *The VLA Survey of the Chandra Deep Field South: III. X-ray spectral properties of radio sources*, P. Tozzi, V. Mainieri, P. Rosati, **P. Padovani**, K. I. Kellermann, E. B. Fomalont, N. A. Miller, P. Shaver, J. Bergeron, W. N. Brandt, M. Brusa, R. Giacconi, G. Hasinger, B. D. Lehmer, M. Nonino, C. Norman, J. Silverman, 2009, Astrophysical Journal, 698, 740
- J69. *SPACE: the spectroscopic all-sky cosmic explorer*, A. Cimatti, et al. [**P. Padovani** one of 123 authors], 2009, Experimental Astronomy, 23-1, 39
- J68. *The VLA Survey of the Chandra Deep Field South: IV. Source Population*, **P. Padovani**, V. Mainieri, P. Tozzi, K. I. Kellermann, E. B. Fomalont, N. A. Miller, P. Rosati, P. Shaver, 2009, Astrophysical Journal, 694, 235
- J67. *The VLA Survey of the Chandra Deep Field South. II. Identification and host galaxy properties of submillijansky sources*, V. Mainieri, K. I. Kellermann, E. B. Fomalont, N. A. Miller, **P. Padovani**, P. Rosati, P. Shaver, J. Silverman, P. Tozzi, J. Bergeron, G. Hasinger, C. Norman, P. Popesso, 2008, Astrophysical Journal Supplement Series, 179, 95
- J66. *The VLA Survey of the Chandra Deep Field South: I. Overview of the Radio Data*, K. I. Kellermann, E. B. Fomalont, V. Mainieri, **P. Padovani**, P. Rosati, P. Shaver, P. Tozzi, N. A. Miller, 2008, Astrophysical Journal Supplement Series, 179, 71
- J65. *The VLA 1.4GHz Survey of the Extended Chandra Deep Field South: First Data Release*, N. A. Miller, E. B., Fomalont, K. I. Kellermann, V. Mainieri, C. Norman, **P. Padovani**, P. Rosati, P. Tozzi, 2008, Astrophysical Journal Supplement Series, 179, 114.
- J64. *A Search for Synchrotron X-Ray Emission in Radio Quasars*, H. Landt, **P. Padovani**, E. S. Perlman, P. Giommi, M. Perri, C. C. Cheung, 2008, Astrophysical Journal, 676, 87.

- J63. *Evolution of chemical abundances in Seyfert galaxies*, S. K. Ballero, F. Matteucci, L. Ciotti, F. Calura, **P. Padovani**, 2008, *Astronomy & Astrophysics*, 478, 335.
- J62. *The Blazar Sequence: Validity and Predictions*, **P. Padovani**, 2007, *Astrophysics & Space Science*, 309, 63.
- J61. *The Sedentary Survey of Extreme High Energy Peaked BL Lacs III. Results from Optical Spectroscopy*, S. Piranomonte, M. Perri, P. Giommi, H. Landt, **P. Padovani**, 2007, *Astronomy & Astrophysics*, 470, 787.
- J60. *ROXA J081009.9+384757.0: a 10^{47} erg/s blazar with hard X-ray synchrotron peak or a new type of radio loud AGN?*, P. Giommi, E. Massaro, **P. Padovani**, M. Perri, E. Cavazzuti, S. Turriziani, G. Tosti, S. Colafrancesco, G. Tagliaferri, G. Chincarini, D.N. Burrows, M. McMath Chester, N. Gehrels, 2007, *Astronomy & Astrophysics*, 468, 97.
- J59. *The Deep X-ray Radio Blazar Survey (DXRBS). III. Radio Number Counts, Evolutionary Properties, and Luminosity Function of Blazars*, **P. Padovani**, P. Giommi, H. Landt, E. S. Perlman, *Astrophysical Journal*, 2007, 662, 182.
- J58. *Filling the Infrared Gap: ISO Observations of 1 Jy BL Lacertae Objects*, **P. Padovani**, P. Giommi, P. Ábrahám, S. Csizmadia, A. Moór, 2006, *Astronomy & Astrophysics*, 456, 131.
- J57. *VLA Observations of a New Population of Blazars*, H. Landt, E. Perlman, **P. Padovani**, 2006, *Astrophysical Journal*, 637, 183.
- J56. *The Influence of the Environment on the rate of Type Ia Supernovae in Early type Galaxies*, M. Della Valle, N. Panagia, **P. Padovani**, E. Cappellaro, F. Mannucci, M. Turatto, 2005, *Astrophysical Journal*, 629, 750.
- J55. *The Sedentary Survey of Extreme High Energy Peaked BL Lacs. II. The Catalog and Spectral Properties*, P. Giommi, S. Piranomonte, M. Perri, **P. Padovani**, 2005, *Astronomy & Astrophysics*, 434, 385.
- J54. *Discovery of Optically Faint Obscured Quasars with Virtual Observatory Tools*, **P. Padovani**, M. G. Allen, P. Rosati, N. A. Walton, 2004, *Astronomy & Astrophysics*, 424, 545.
- J53. *A Physical Classification Scheme for Blazars*, H. Landt, **P. Padovani**, E. Perlman, P. Giommi, 2004, *Monthly Notices of the Royal Astronomical Society*, 351, 83.
- J52. *The Great Observatories Origins Deep Survey. Initial Results from Optical and Near-infrared Imaging*, M. Giavalisco et al. [**P. Padovani** one of 56 authors], 2004, *Astrophysical Journal*, 600, 93.
- J51. *A Possible New Population of Sources with Extreme X-ray/Optical Ratios*, A. M. Koekemoer, D. M. Alexander, F. E. Bauer, J. Bergeron, W. N. Brandt, E. Chatzichristou, S. Cristiani, M. Fall, N. A. Grogin, M. Livio, V. Mainieri, L. Moustakas, **P. Padovani**, P. Rosati, E. Schreier, C. M. Urry, 2004, *Astrophysical Journal*, 600, 123.
- J50. *The Space Density of High-redshift QSOs in the GOODS Survey*, S. Cristiani, D. Alexander, F. Bauer, W. N. Brandt, E. Chatzichristou, F. Fontanot, A. Grazian, A. Koekemoer, R. Lucas, P. Monaco, M. Nonino, **P. Padovani**, D. Stern, P. Tozzi, E. Treister, C. M. Urry, E. Vanzella, 2004, *Astrophysical Journal*, 600, 119.
- J49. *BeppoSAX Observations of 1 Jy BL Lacertae Objects. II.*, **P. Padovani**, L. Costamante, P. Giommi, G. Ghisellini, A. Celotti, A. Wolter, 2004, *Monthly Notices of the Royal Astronomical Society*, 347, 1282.
- J48. *What Types of Jets does Nature Make: A New Population of Radio Quasars*, **P. Padovani**, E. Perlman, H. Landt, P. Giommi, M. Perri, 2003, *Astrophysical Journal*, 588, 128.
- J47. *The Disc-Jet Relation in Strong-lined Blazars*, V. D'Elia, **P. Padovani**, H. Landt, 2003, *Monthly Notices of the Royal Astronomical Society*, 339, 1081.
- J46. *BeppoSAX Observations of Synchrotron X-ray Emission from Radio Quasars*, **P. Padovani**, L. Costamante, G. Ghisellini, P. Giommi, E. Perlman, 2002, *Astrophysical Journal*, 581, 895.
- J45. *The Classification of BL Lacertae Objects: The Ca H&K break*, H. Landt, **P. Padovani**, P. Giommi, 2002, *Monthly Notices of the Royal Astronomical Society*, 336, 945.
- J44. *The Lyman- α Forest of a Lyman-break Galaxy: VLT Spectra of MS1512-cB58 at $z = 2.724$* , S. Savaglio, N. Panagia, **P. Padovani**, 2002, *Astrophysical Journal*, 567, 702.

- J43. *BeppoSAX Observations of 1 Jy BL Lacertae Objects. I.*, **P. Padovani**, L. Costamante, P. Giommi, G. Ghisellini, A. Comastri, A. Wolter, L. Maraschi, G. Tagliaferri, C. M. Urry, 2001, Monthly Notices of the Royal Astronomical Society, 328, 931.
- J42. *The Deep X-ray Radio Blazar Survey (DXRBS). II. New Identifications*, H. Landt, **P. Padovani**, E. S. Perlman, P. Giommi, H. Bignall, A. Tzioumis, 2001, Monthly Notices of the Royal Astronomical Society, 323, 757.
- J41. *Blazar Demographics and Physics*, C. M. Urry, **P. Padovani**, 2000, Conference Highlights, Publications of the Astronomical Society of the Pacific, 112, 1516.
- J40. *The HST Survey of BL Lacertae Objects. IV. Infrared Imaging of Host Galaxies*, R. Scarpa, C.M. Urry, **P. Padovani**, D. Calzetti, M. O'Dowd, 2000, Astrophysical Journal, 544, 258.
- J39. *Detection of Exceptional X-ray Spectral Variability in the TeV BL Lac 1ES 2344+514*, P. Giommi, **P. Padovani**, E. Perlman, 2000, Monthly Notices of the Royal Astronomical Society, 317, 743.
- J38. *The Sedentary Multi-Frequency Survey. I. Statistical Identification and Cosmological Properties of HBL BL Lacs*, P. Giommi, M.T. Menna, **P. Padovani**, 1999, Monthly Notices of the Royal Astronomical Society, 310, 465.
- J37. *Synchrotron and Inverse Compton Variability in the BL Lacertae object S5 0716+714*, P. Giommi, E. Mas-saro, L. Chiappetti, E.C. Ferrara, G. Ghisellini, Minhwon Jang, M. Maesano, H.R. Miller, F. Montagni, R. Nesci, **P. Padovani**, E. Perlman, C.M. Raiteri, S. Sclavi, G. Tagliaferri, G. Tosti, M. Villata, 1999, Astronomy & Astrophysics, 351, 59.
- J36. *The ARGO-YBJ detector and high energy GRBs*, Bacci, C. et al., [**P. Padovani** one of 87 authors] 1999, Astronomy & Astrophysics Supplement, 138, 597.
- J35. *X-ray Observations of Low-power FR I Radio Galaxies*, E. Trussoni, F. Vagnetti, S. Massaglia, L. Feretti, P. Parma, R. Morganti, R. Fanti, **P. Padovani**, 1999, Astronomy & Astrophysics, 348, 437.
- J34. *BeppoSAX Observations of 2 Jy Lobe-dominated Broad-line Sources. I. The Discovery of a Hard X-ray Component*, **P. Padovani**, R. Morganti, J. Siebert, F. Vagnetti, A. Cimatti, 1999, Monthly Notices of the Royal Astronomical Society, 304, 829.
- J33. *BeppoSAX Spectral Survey of Soft X-ray Selected BL Lacs*, A. Wolter, A. Comastri, G. Ghisellini, P. Giommi, M. Guainazzi, T. Maccacaro, L. Maraschi, **P. Padovani**, C. M. Raiteri, G. Tagliaferri, C. M. Urry, M. Villata, 1998, Astronomy & Astrophysics, 335, 899.
- J32. *The DXRBS Blazar Survey. I. Methods and First Results*, E. Perlman, **P. Padovani**, P. Giommi, R. Sambruna, L. Jones, A. Tzioumis, J. Reynolds, 1998, Astronomical Journal, 115, 1253.
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- J29. *X-raying a Galaxy: PHL 6625 behind NGC 247*, M. Elvis, F. Fiore, P. Giommi, **P. Padovani**, Monthly Notices of the Royal Astronomical Society, 1997, 291, L49.
- J28. *Jets and Accretion Processes in Active Galactic Nuclei: Further Clues*, A. Celotti, **P. Padovani**, G. Ghisellini, 1997, Monthly Notices of the Royal Astronomical Society, 286, 415.
- J27. *Are the X-ray Spectra of Flat-spectrum Radio Quasars and BL Lacertae Objects different?*, **P. Padovani**, P. Giommi, F. Fiore, 1997, Monthly Notices of the Royal Astronomical Society, 284, 569.
- J26. *A Pilot Study for the Making of a Large BL Lac Sample*, A. Wolter, P. Ciliegi, R. Della Ceca, I. Gioia, P. Giommi, J. P. Henry, T. Maccacaro, **P. Padovani**, C. Ruscica, 1997, Monthly Notices of the Royal Astronomical Society, 284, 225.

- J25. *The ROSAT X-ray Spectra of BL Lacertae Objects*, **P. Padovani**, P. Giommi, 1996, Monthly Notices of the Royal Astronomical Society, 279, 526.
- J24. *A Sample-oriented Catalogue of BL Lacertae Objects*, **P. Padovani**, P. Giommi, 1995, Monthly Notices of the Royal Astronomical Society, 277, 1477.
- J23. *Unified Schemes for Radio Sources*, C. M. Urry, **P. Padovani**, 1995, Invited Review Paper, Publications of the Astronomical Society of the Pacific, 107, 803.
- J22. *The Connection between X-ray and Radio Selected BL Lacs*, **P. Padovani**, P. Giommi, 1995, Astrophysical Journal, 444, 567.
- J21. *BL Lac Reunification*, P. Giommi, **P. Padovani**, 1994, Monthly Notices of the Royal Astronomical Society, 268, L51.
- J20. *Chemical Evolution of Galaxies and Quasar Metallicities*, F. Matteucci, **P. Padovani**, 1993, Astrophysical Journal, 419, 485.
- J19. *Stellar Mass Loss in Ellipticals and the Fueling of Active Galactic Nuclei*, **P. Padovani**, F. Matteucci, 1993, Astrophysical Journal, 416, 26.
- J18. *The Radio-loud Fraction of QSOs and its Dependence on Magnitude and Redshift*, **P. Padovani**, 1993, Monthly Notices of the Royal Astronomical Society, 263, 461.
- J17. *Relativistic Bulk Motion in Active Galactic Nuclei*, G. Ghisellini, **P. Padovani**, A. Celotti, L. Maraschi, 1993, Astrophysical Journal, 407, 65.
- J16. *Radio-loud AGN and the Extragalactic Gamma-Ray Background*, **P. Padovani**, G. Ghisellini, A. C. Fabian, A. Celotti, 1993, Monthly Notices of the Royal Astronomical Society, 260, L21.
- J15. *Is there a Relationship between BL Lacertae Objects and Flat-Spectrum Radio Quasars?*, **P. Padovani**, 1992, Monthly Notices of the Royal Astronomical Society, 257, 404.
- J14. *A Statistical Analysis of Complete Samples of BL Lacertae Objects*, **P. Padovani**, 1992, Astronomy and Astrophysics, 256, 399.
- J13. *Luminosity Functions, Relativistic Beaming, and Unified Theories of High-Luminosity Radio Sources*, **P. Padovani**, C. M. Urry, 1992, Astrophysical Journal, 387, 449.
- J12. *Fanaroff-Riley I Galaxies as the Parent Population of BL Lacertae Objects. III. Radio Constraints*, C. M. Urry, **P. Padovani**, M. Stickel, 1991, Astrophysical Journal, 382, 501.
- J11. *The Complete Sample of 1 Jy BL Lacertae Objects. I. Summary Properties*, M. Stickel, **P. Padovani**, C. M. Urry, J. W. Fried, H. Kühr, 1991, Astrophysical Journal, 374, 431.
- J10. *Altered Luminosity Functions for Relativistically Beamed Objects. II. Parent Populations with Complex Luminosity Functions and Distribution of Lorentz Factors*, C. M. Urry, **P. Padovani**, 1991, Astrophysical Journal, 371, 60.
- J9. *Fanaroff-Riley I Galaxies as the Parent Population of BL Lacertae Objects. II. Optical Constraints*, **P. Padovani**, C. M. Urry, 1991, Astrophysical Journal, 368, 373.
- J8. *Star-Forming Galaxies and the X-Ray Background*, R. E. Griffiths, **P. Padovani**, 1990, Astrophysical Journal, 360, 483.
- J7. *Fanaroff-Riley I Galaxies as the Parent Population of BL Lacertae Objects. I. X-Ray Constraints*, **P. Padovani**, C. M. Urry, 1990, Astrophysical Journal, 356, 75.
- J6. *The Mass Function of Seyfert 1 Nuclei*, **P. Padovani**, R. Burg, R. A. Edelson, 1990, Astrophysical Journal, 353, 438.
- J5. *The Connection between Active and Normal Galaxies*, A. Cavaliere, **P. Padovani**, 1989, Astrophysical Journal, Letters, 340, L5.

- J4. *The Evolution of the Eddington Ratio of Active Galactic Nuclei*, **P. Padovani**, 1989, *Astronomy and Astrophysics*, 209, 27.
- J3. *Mass–Luminosity Relationships and Accretion Rates for Seyfert 1 Galaxies and Quasars*, **P. Padovani**, P. Rafanelli, 1988, *Astronomy and Astrophysics*, 205, 53.
- J2. *Eddington Ratios as a Constraint on the Activity Patterns of AGNs*, A. Cavaliere, **P. Padovani**, 1988, *Astrophysical Journal, Letters*, 333, L33.
- J1. *Ionizing Photon Densities in the Broad Line Regions of Active Galactic Nuclei*, **P. Padovani**, 1988, *Astronomy and Astrophysics*, 192, 9.

Conference Papers

Invited Papers

- I26. *AGN, Star Formation, and the nanoJy Sky*, **P. Padovani**, 2011, in “The Square Kilometer Array: Paving the way for the new 21st century radio astronomy paradigm”, JENAM 2010, Lisbon, Portugal, October 2010, to appear in the proceedings
- I25. *Wide Field X-ray Telescope synergies with next generation radio surveys*, **P. Padovani**, 2011, in “The Wide Field X-ray Telescope Workshop”, *Memorie della Società Astronomica Italiana Supplement*, Vol. 17, p. 153
- I24. *“Multi-wavelength Astronomy and the Virtual Observatory” Workshop: Concluding Remarks*, **P. Padovani**, 2009, in “Multi-wavelength Astronomy and the Virtual Observatory”, *ESA Special Publication*, p. 179
- I23. *Gamma-ray emitting AGN and GLAST*, **P. Padovani**, 2007, in “The First GLAST Symposium”, S. Ritz, P. Michelson, C. Meegan eds., *AIP conf. proceedings*, Vol. 921, p. 19.
- I22. *High-energy Astrophysics and the Virtual Observatory*, **P. Padovani**, 2006, in “Multifrequency Behaviour of High Energy Cosmic Sources”, *Chinese Journal of Astronomy and Astrophysics*, Vol. 6, p. 73
- I21. *Astronomy with the Astrophysical Virtual Observatory*, **P. Padovani**, and the AVO Team, 2004, *Bulletin of the American Astronomical Society*, Vol. 36, No. 5, #130.06
- I20. *Science with VO Tools*, **P. Padovani**, in *Astronomical Data Analysis Software & Systems XIV*, 2005, L. Shopbell, M. C. Britton, and R. Ebert eds., *ASP Conf. Series*, Volume 347, p. 183
- I19. *A Stars and the Virtual Observatory*, **P. Padovani**, in “The A-Star Puzzle”, *IAU Symposium 224*, 2004, J. Zverko et al. eds., *Cambridge University Press*, p. 485
- I18. *Discovery of type 2 QSO with the AVO prototype*, M. Allen, **P. Padovani**, P. Rosati, N. Walton, 2004, in “Semaine de l’Astrophysique Francaise”, F. Combes, D. Barret, T. Contini, F. Meynadier and L. Pagani eds., *EdP-Sciences, Conference Series*, p. 511
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- I16. *A New Population of Radio Quasars*, **P. Padovani**, E. Perlman, H. Landt, P. Giommi, M. Perri, 2003, in “Multifrequency Behaviour of High Energy Cosmic Sources”, *Chinese Journal of Astronomy and Astrophysics*, Vol. 3, Suppl. 147
- I15. *Blazar Surveys*, **P. Padovani**, 2002, in “Blazar Astrophysics with BeppoSAX and other Observatories”, P. Giommi, E. Massaro and G. Palumbo eds., *ASI Special Publication*, p. 101.
- I14. *Issues in Blazar Research*, **P. Padovani**, C. M. Urry, 2001, in “Blazar Demographics and Physics”, *ASP Conf. Series*, Volume 227, p. 3
- I13. *Deep Blazar Surveys*, **P. Padovani**, 2001, in “Blazar Demographics and Physics”, *ASP Conf. Series*, Volume 227, p. 163
- I12. *High Energy Emission from AGN and Unified Schemes*, **P. Padovani**, 1999, in “Frontier Objects in Astrophysics and Particle Physics”, F. Giovannelli and G. Mannocchi eds., *SIF*, Volume 65, p. 159

- I11. *The Two Classes of BL Lacs and Unified Schemes*, **P. Padovani**, 1999, in “BL Lac Phenomenon”, ASP Conf. Series, Volume 159, p. 339
- I10. *The Deep X-ray Radio Blazar Survey (DXRBS)*, **P. Padovani**, E. Perlman, P. Giommi, R. Sambruna, L. Jones, A. Tzioumis, J. Reynolds, 1999, in “Looking Deep in the Southern Sky”, R. Morganti and W. J. Couch eds., Springer-Verlag, p. 187.
- I9. *Towards a Better Understanding of Active Galactic Nuclei*, **P. Padovani**, 1998, in “New Horizons from Multi-Wavelength Sky Surveys”, IAU Symp. 179, B. J. McLean et al. eds., p. 257.
- I8. *Gamma-ray Emitting AGN and Unified Schemes*, **P. Padovani**, 1997, in “Very High Energy Phenomena in the Universe”, XXXIIInd Rencontres de Moriond, Y. Giraud-Héraud, J. Trân Thanh Vân eds., p. 7.
- I7. *Unified Models of Radio-loud AGN: Recent Results*, **P. Padovani**, 1997, in “From Micro- to Mega-Parsec”, II Italian Meeting on AGN, A. Comastri, T. Venturi, M. Bellazzini, eds., Mem. Soc. Astr. It., 68, 47.
- I6. *Unification of BL Lac Objects and FR I Radio Galaxies*, C. M. Urry, **P. Padovani**, 1994, in “The Physics of Active Galaxies”, G. Bicknell, M. Dopita, P. Quinn eds., (San Francisco: Astronomical Society of the Pacific), p. 215.
- I5. *Relativistic Beaming and the Parent Population of BL Lacertae Objects*, C. M. Urry, **P. Padovani**, 1991, in “Variability of Active Galactic Nuclei”, H. R. Miller, P. J. Wiita eds., (Cambridge: Cambridge University Press), p. 32.
- I4. *Active Star-Forming Galaxies in the X-Ray Foreground*, R. E. Griffiths, **P. Padovani** 1989, proceedings of the 23rd ESLAB Symposium “X-Ray Astronomy”, Bologna, Italy (ESA SP-296), p. 743.
- I3. *Thick Accretion Discs: Where Are They?*, M. Calvani, P. Marziani, **P. Padovani** 1989, in “8th Italian Conference on General Relativity and Gravitational Physics”, Cardonio, Cianci, Francaviglia, Toller eds., (Singapore: World Scientific), p. 102.
- I2. *Activity Patterns and Evolution of AGNs*, A. Cavaliere, E. Giallongo, **P. Padovani**, F. Vagnetti 1988, in “Optical Surveys for Quasars”, P. S. Osmer, A. C. Porter, R. F. Green, C. B. Foltz eds., (San Francisco: Astronomical Society of the Pacific), p. 335.
- I1. *The Rise and Fall of the Active Galactic Nuclei*, A. Cavaliere, **P. Padovani**, F. Vagnetti 1988, in “Towards Understanding Galaxies at Large Redshift”, R. G. Kron and A. Renzini eds., p. 285.

Abstracts and Contributed Papers

- C68. *Submillijansky Radio-Quiet and Radio-Loud AGN in the Chandra Deep Field South*, **P. Padovani**, K. Kellermann, E. Fomalont, N. Miller, P. Tozzi, V. Mainieri, P. Rosati, 2010, in “Co-Evolution of Central Black Holes and Galaxies”, Proceedings of the International Astronomical Union, IAU Symposium, Volume 267, p. 130
- C67. *VLA survey of the CDFS: the nature of faint radio sources*, P. Tozzi, K. Kellermann, E. Fomalont, N. Miller, C. Norman, V. Mainieri, **P. Padovani**, P. Rosati, and the CDFS Team, 2009, in “The Starburst-AGN Connection”, Shanghai, China, ASP Conf. Series, Vol. 408, Weimin Wang, Zhaoqing Yang, Zhijian Luo, and Zhu Chen eds., p. 53
- C66. *The Sub-millijansky Radio Source Population: AGN or Star Formation?*, K. Kellermann, E. Fomalont, N. Miller, V. Mainieri, **P. Padovani**, P. Tozzi, and the CDFS Team, 2009, Bulletin of the American Astronomical Society, 213, #339.06
- C65. *The VLA 1.4GHz Survey of the Extended Chandra Deep Field South: First Data Release*, N. Miller, E. Fomalont, K. Kellermann, V. Mainieri, C. Norman, **P. Padovani**, P. Rosati, P. Tozzi, 2007, Bulletin of the American Astronomical Society, 211, #142.04
- C64. *Blazar surveys with WMAP and Swift*, P. Giommi, M. Capalbi, E. Cavazzuti, S. Colafrancesco, S. Cutini, D. Gasparrini, E. Massaro, **P. Padovani**, M. Perri, S. Puccetti, 2007, in “The First GLAST Symposium”, S. Ritz, P. Michelson, C. Meegan eds., AIP conf. proceedings, Vol. 921, p. 32

- C63. *The micro-Jy Radio Source Population: the VLA-CDFS View*, **P. Padovani**, V. Mainieri, P. Tozzi, K. I. Kellermann, E. B. Fomalont, N. Miller, P. Rosati, P. Shaver, 2007, in "At the Edge of the Universe", ASP Conf. Series, Vol. 380, J. Afonso, H. C. Ferguson, B. Mobasher, Ray Norris eds., p. 205
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