

Asst. Prof. Massimiliano DE PASQUALE

Personal Information

Office Phone: [+90 212 440 0000](tel:+902124400000) Extension: 10288

Fax Phone: [+90 212 440 0370](tel:+902124400370)

Email: m.depasquale@istanbul.edu.tr

Web: <https://avesis.istanbul.edu.tr/m.depasquale>

Address: Astronomi ve Uzay Bilimleri Bölümü, 34119, Üniversite, Beyazıt, İstanbul

International Researcher IDs

ORCID: 0000-0002-4036-7419

Publons / Web Of Science ResearcherID: AAC-5695-2020

ScopusID: 55620663500

Yoksis Researcher ID: 258194

Education Information

Doctorate, Università Degli Studi di Roma La Sapienza, Department Of Physics, Italy 1999 - 2002

Postgraduate, Università Degli Studi di Messina, Natural Sciences, Italy 1993 - 1999

Dissertations

Doctorate, "Progenitors and energy sources of Gamma-ray Bursts: a study of BeppoSAX observation archive", Università Degli Studi di Roma La Sapienza, Science Faculty, Department Of Physics, 2003

Research Areas

Physics, Astronomy and Astrophysics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Istanbul University, Faculty of Science, Astronomy and Space Sciences, 2018 - Continues

Assistant Professor, Istanbul University, Faculty of Science, Astronomy and Space Sciences, 2016 - 2018

Expert, University College London, Mullard Space Science Laboratory, Swift/Uvot Instrument, 2015 - 2016

Expert, University College London, Mullard Space Science Laboratory, Swift/Uvot, 2013 - 2014

Expert, University of Nevada, Las Vegas, Physics, Physics, 2011 - 2012

Expert, University College London, Mullard Space Science Laboratory, Swift/Uvot, 2004 - 2011

Expert, Università Degli Studi di Roma La Sapienza, Physics, Institute Of Space Astrophysics And Cosmic Physics, 2002 - 2004

Published journal articles indexed by SCI, SSCI, and AHCI

I. The Peculiar Short-duration GRB 200826A and Its Supernova

Rossi A., Rothberg B., Palazzi E., Kann D. A., D'Avanzo P., Amati L., Klose S., Perego A., Pian E., Guidorzi C., et al.

ASTROPHYSICAL JOURNAL, vol.932, no.1, 2022 (SCI-Expanded)

- II. **The supernova of the MAGIC gamma-ray burst GRB190114C**
Melandri A., Izzo L., Pian E., Malesani D. B., Della Valle M., Rossi A., D'Avanzo P., Guetta D., Mazzali P. A., Benetti S., et al.
ASTRONOMY & ASTROPHYSICS, vol.659, 2022 (SCI-Expanded)
- III. **Exploration of the high-redshift universe enabled by THESEUS**
Tanvir N. R., Le Floc'h E., Christensen L., Caruana J., Salvaterra R., Ghirlanda G., Ciardi B., Maio U., D'Odorico V., Piedipalumbo E., et al.
EXPERIMENTAL ASTRONOMY, vol.52, no.3, pp.219-244, 2021 (SCI-Expanded)
- IV. **Swift/UVOT follow-up of gravitational wave alerts in the O3 era**
Oates S. R., Marshall F. E., Breeveld A. A., Kuin N. P. M., Brown P. J., De Pasquale M., Evans P. A., Fenney A. J., Gronwall C., Kennea J. A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.507, no.1, pp.1296-1317, 2021 (SCI-Expanded)
- V. **GRB 140102A: insight into prompt spectral evolution and early optical afterglow emission**
Gupta R., Oates S. R., Pandey S. B., Castro-Tirado A. J., Joshi J. C., Hu Y., Valeev A. F., Zhang B. B., Zhang Z., Kumar A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.505, no.3, pp.4086-4105, 2021 (SCI-Expanded)
- VI. **Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers**
Klingler N. J., Lien A., Oates S. R., Kennea J. A., Evans P. A., Tohuvavohu A., Zhang B., Page K. L., Cenko S. B., Barthelmy S. D., et al.
ASTROPHYSICAL JOURNAL, vol.907, no.2, 2021 (SCI-Expanded)
- VII. **Observational constraints on the optical and near-infrared emission from the neutron star-black hole binary merger candidate S190814bv**
Ackley K., Amati L., Barbieri C., Bauer F. E., Benetti S., Bernardini M. G., Bhirombhakdi K., Botticella M. T., Branchesi M., Brocato E., et al.
ASTRONOMY & ASTROPHYSICS, vol.643, 2020 (SCI-Expanded)
- VIII. **Lyman continuum leakage in faint star-forming galaxies at redshift $z=3-3.5$ probed by gamma-ray bursts**
Vielfaure J. -, Vergani S. D., Japelj J., Fynbo J. P. U., Gronke M., Heintz K. E., Malesani D. B., Petitjean P., Tanvir N. R., D'Elia V., et al.
ASTRONOMY & ASTROPHYSICS, vol.641, 2020 (SCI-Expanded)
- IX. **Fermi and Swift Observations of GRB 190114C: Tracing the Evolution of High-energy Emission from Prompt to Afterglow**
Ajello M., Arimoto M., Axelsson M., Baldini L., Barbiellini G., Bastieri D., Bellazzini R., Berretta A., Bissaldi E., Blandford R. D., et al.
ASTROPHYSICAL JOURNAL, vol.890, no.1, 2020 (SCI-Expanded)
- X. **Swift spectra of AT2018cow: a white dwarf tidal disruption event?**
Kuin N. P. M., Wu K., Oates S., Lien A., Emery S., Kennea J. A., de Pasquale M., Han Q., Brown P. J., Tohuvavohu A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.487, no.2, pp.2505-2521, 2019 (SCI-Expanded)
- XI. **The early optical afterglow and non-thermal components of GRB 060218**
Emery S. W. K., Page M. J., Breeveld A. A., Brown P. J., Kuin N. P. M., Oates S. R., DE PASQUALE M.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.484, no.4, pp.5484-5498, 2019 (SCI-Expanded)
- XII. **Observatory science with eXTP**
in't Zand J. J. M., Bozzo E., Qu J., Li X., Amati L., Chen Y., Donnarumma I., Doroshenko V., Drake S. A., Hernanz M., et al.
SCIENCE CHINA-PHYSICS MECHANICS & ASTRONOMY, vol.62, no.2, 2019 (SCI-Expanded)
- XIII. **X-shooter and ALMA spectroscopy of GRB 161023A A study of metals and molecules in the line of sight towards a luminous GRB**
DE UGARTE POSTIGO A., THONE C. C., BOLMER J., Schulze S., MARTIN S., KANN D. A., D'ELIA V., Selsing J., Martin-

Carrillo A., Perley D. A., et al.

ASTRONOMY & ASTROPHYSICS, vol.620, 2018 (SCI-Expanded)

- XIV. **GRB 171205A/SN2017iuk: A local low-luminosity gamma-ray burst**
D'Elia V., Campana S., D'Ai A., De Pasquale M., Emery S. W. K., Frederiks D. D., Lien A., Melandri A., Page K. L., Starling R. L. C., et al.
ASTRONOMY & ASTROPHYSICS, vol.619, 2018 (SCI-Expanded)
- XV. **Low-frequency View of GW170817/GRB 170817A with the Giant Metrewave Radio Telescope**
Resmi L., Schulze S., Ishwara-Chandra C. H., Misra K., Buchner J., DE PASQUALE M., Sanchez-Ramirez R., Klose S., Kim S., Tanvir N. R., et al.
ASTROPHYSICAL JOURNAL, vol.867, no.1, 2018 (SCI-Expanded)
- XVI. **THESEUS: A key space mission concept for Multi-Messenger Astrophysics**
Stratta G., Ciolfi R., Amati L., Bozzo E., Ghirlanda G., Maiorano E., Nicastro L., Rossi A., Vinciguerra S., Frontera F., et al.
ADVANCES IN SPACE RESEARCH, vol.62, no.3, pp.662-682, 2018 (SCI-Expanded)
- XVII. **Cosmic evolution and metal aversion in superluminous supernova host galaxies**
Schulze S., KRUEHLER T., Leloudas G., GOROSABEL J., MEHNER A., BUCHNER J., KIM S., IBAR E., Amorin R., HERRERO-ILLANA R., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.473, no.1, pp.1258-1285, 2018 (SCI-Expanded)
- XVIII. **Swift and NuSTAR observations of GW170817: Detection of a blue kilonova**
Evans P. A., Cenko S. B., Kennea J. A., Emery S. W. K., Kuin N. P. M., Korobkin O., Wollaeger R. T., Fryer C. L., Madsen K. K., Harrison F. A., et al.
SCIENCE, vol.358, no.6370, pp.1565-1569, 2017 (SCI-Expanded)
- XIX. **ALMA and GMRT Constraints on the Off-axis Gamma-Ray Burst 170817A from the Binary Neutron Star Merger GW170817**
Kim S., Schulze S., Resmi L., Gonzalez-Lopez J., Higgins A. B., Ishwara-Chandra C. H., Bauer F. E., de Gregorio-Monsalvo I., De Pasquale M., de Ugarte Postigo A., et al.
ASTROPHYSICAL JOURNAL LETTERS, vol.850, no.2, 2017 (SCI-Expanded)
- XX. **Multi-messenger Observations of a Binary Neutron Star Merger**
Abbott B. P., Abbott R., Abbott T. D., Acernese F., Ackley K., Adams C., Adams T., Addesso P., Adhikari R. X., Adya V. B., et al.
ASTROPHYSICAL JOURNAL LETTERS, vol.848, no.2, 2017 (SCI-Expanded)
- XXI. **A Large Catalog of Homogeneous Ultra-Violet/Optical GRB Afterglows: Temporal and Spectral Evolution**
ROMING P. W. A., KOCH T. S., Oates S. R., PORTERFIELD B. L., BAYLESS A. J., Breeveld A. A., GRONWALL C., Kuin N. P. M., Page M. J., de Pasquale M., et al.
ASTROPHYSICAL JOURNAL SUPPLEMENT SERIES, vol.228, no.2, 2017 (SCI-Expanded)
- XXII. **Evidence for the magnetar nature of 1E 161348-5055 in RCW 103**
D'Ai A., Evans P. A., BURROWS D. N., Kuin N. P. M., KANN D. A., Campana S., MASELLI A., ROMANO P., CUSUMANO G., LA PAROLA V., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.463, no.3, pp.2394-2404, 2016 (SCI-Expanded)
- XXIII. **The 80 Ms follow-up of the X-ray afterglow of GRB 130427A challenges the standard forward shock model**
De Pasquale M., Page M. J., KANN D. A., Oates S. R., SCHULZE S., ZHANG B., CANO Z., GENDRE B., Malesani D., ROSSI A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.462, no.1, pp.1111-1122, 2016 (SCI-Expanded)
- XXIV. **A CORRELATION BETWEEN THE INTRINSIC BRIGHTNESS AND AVERAGE DECAY RATE OF GAMMA-RAY BURST X-RAY AFTERGLOW LIGHT CURVES**
RACUSIN J. L., OATES S. R., de Pasquale M., KOCEVSKI D.
ASTROPHYSICAL JOURNAL, vol.826, no.1, 2016 (SCI-Expanded)
- XXV. **The central engine of GRB 130831A and the energy breakdown of a relativistic explosion**
De Pasquale M., Oates S. R., RACUSIN J. L., KANN D. A., ZHANG B., POZANENKO A., VOLNOVA A. A., Trotter A., Frank

- N., CUCCHIARA A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.455, no.1, pp.1027-1042, 2016 (SCI-Expanded)
- XXVI. **Exploring the canonical behaviour of long gamma-ray bursts using an intrinsic multiwavelength afterglow correlation**
Oates S. R., RACUSIN J. L., De Pasquale M., Page M. J., CASTRO-TIRADO A. J., GOROSABEL J., Smith P. J., Breeveld A. A., Kuin N. P. M.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.453, no.4, pp.4121-4135, 2015 (SCI-Expanded)
- XXVII. **SWIFT ULTRAVIOLET OBSERVATIONS OF SUPERNOVA 2014J IN M82: LARGE EXTINCTION FROM INTERSTELLAR DUST**
BROWN P. J., SMITKA M. T., WANG L., Breeveld A., de Pasquale M., Hartmann D. H., KRISCIUNAS K., Kuin N. P., Milne P. A., Page M., et al.
ASTROPHYSICAL JOURNAL, vol.805, no.1, 2015 (SCI-Expanded)
- XXVIII. **Calibration of the Swift-UVOT ultraviolet and visible grisms**
Kuin N. P. M., Landsman W., Breeveld A. A., Page M. J., Lamoureux H., James C., Mehdipour M., Still M., Yershov V., Brown P. J., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.449, no.3, pp.2514-2538, 2015 (SCI-Expanded)
- XXIX. **The optical rebrightening of GRB100814A: an interplay of forward and reverse shocks?**
De Pasquale M., Kuin N. P. M., Oates S., SCHULZE S., CANO Z., GUIDORZI C., Beardmore A., Evans P. A., UHM Z. L., ZHANG B., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.449, no.1, pp.1024-1042, 2015 (SCI-Expanded)
- XXX. **Herschel/PACS observations of the host galaxy of GRB 031203**
Symeonidis M., Oates S. R., de Pasquale M., Page M. J., Wiersema K., Starling R., SCHADY P., SEYMOUR N., O'HALLORAN B.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.443, no.1, 2014 (SCI-Expanded)
- XXXI. **ULTRAVIOLET OBSERVATIONS OF SUPER-CHANDRASEKHAR MASS TYPE Ia SUPERNOVA CANDIDATES WITH SWIFT UVOT**
Brown P. J., Kuin P., Scalzo R., Smitka M. T., DE PASQUALE M., Holland S., Krisciunas K., Milne P., Wang L.
ASTROPHYSICAL JOURNAL, vol.787, no.1, 2014 (SCI-Expanded)
- XXXII. **Spectroscopy of the short-hard GRB 130603B The host galaxy and environment of a compact object merger**
Postigo A. d. U., Thone C. C., Rowlinson A., Garcia-Benito R., Levan A. J., Gorosabel J., Goldoni P., Schulze S., Zafar T., Wiersema K., et al.
ASTRONOMY & ASTROPHYSICS, vol.563, 2014 (SCI-Expanded)
- XXXIII. **GRB 130427A: A Nearby Ordinary Monster**
MASELLI A., MELANDRI A., NAVA L., Mundell C. G., KAWAI N., Campana S., COVINO S., CUMMINGS J. R., CUSUMANO G., Evans P. A., et al.
SCIENCE, vol.343, no.6166, pp.48-51, 2014 (SCI-Expanded)
- XXXIV. **THE ULTRA-LONG GRB 111209A. II. PROMPT TO AFTERGLOW AND AFTERGLOW PROPERTIES**
STRATTA G., GENDRE B., Atteia J. L., BOER M., COWARD D. M., De Pasquale M., HOWELL E., Klotz A., Oates S., PIRO L.
ASTROPHYSICAL JOURNAL, vol.779, no.1, 2013 (SCI-Expanded)
- XXXV. **The use and calibration of read-out streaks to increase the dynamic range of the Swift Ultraviolet/Optical Telescope**
Page M. J., Kuin N. P. M., Breeveld A. A., Hancock B., Holland S. T., Marshall F. E., Oates S., Roming P. W. A., Siegel M. H., Smith P. J., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.436, no.2, pp.1684-1693, 2013 (SCI-Expanded)
- XXXVI. **GAMMA-RAY BURST FLARES: ULTRAVIOLET/OPTICAL FLARING. I.**
Swenson C. A., Roming P. W. A., DE PASQUALE M., Oates S. R.
ASTROPHYSICAL JOURNAL, vol.774, no.1, 2013 (SCI-Expanded)
- XXXVII. **A correlation between the intrinsic brightness and average decay rate of Swift/UVOT gamma-ray burst optical/ultraviolet light curves**
Oates S. R., Page M. J., DE PASQUALE M., Schady P., Breeveld A. A., Holland S. T., Kuin N. P. M., Marshall F. E.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.426, no.1, 2012 (SCI-Expanded)

XXXVIII. **ORIGIN: metal creation and evolution from the cosmic dawn**

den Herder J., Piro L., Ohashi T., Kouveliotou C., Hartmann D. H., Kaastra J. S., Amati L., Andersen M. I., Arnaud M., Atteia J. -, et al.

EXPERIMENTAL ASTRONOMY, vol.34, no.2, pp.519-549, 2012 (SCI-Expanded)

XXXIX. **Multiwavelength observations of the Type IIb supernova 2009mg**

Oates S. R., Bayless A. J., Stritzinger M. D., Prichard T., Prieto J. L., Immler S., Brown P. J., Breeveld A. A., DE PASQUALE M., Kuin N. P. M., et al.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.424, no.2, pp.1297-1306, 2012 (SCI-Expanded)

XL. **A SWIFT LOOK AT SN 2011fe: THE EARLIEST ULTRAVIOLET OBSERVATIONS OF A TYPE Ia SUPERNOVA**

Brown P. J., Dawson K. S., DE PASQUALE M., Gronwall C., Holland S., Immler S., Kuin P., Mazzali P., Milne P., Oates S., et al.

ASTROPHYSICAL JOURNAL, vol.753, no.1, 2012 (SCI-Expanded)

XLI. **GRB 081029: A GAMMA-RAY BURST WITH A MULTI-COMPONENT AFTERGLOW**

HOLLAND S. T., De Pasquale M., MAO J., SAKAMOTO T., Schady P., COVINO S., FAN Y., JIN Z., D'AVANZO P., ANTONELLI A., et al.

ASTROPHYSICAL JOURNAL, vol.745, no.1, 2012 (SCI-Expanded)

XLII. **The dust extinction curves of gamma-ray burst host galaxies**

Schady P., Dwelly T., Page M. J., Kruehler T., Greiner J., Oates S. R., DE PASQUALE M., Nardini M., Roming P. W. A., Rossi A., et al.

ASTRONOMY & ASTROPHYSICS, vol.537, 2012 (SCI-Expanded)

XLIII. **The unusual gamma-ray burst GRB 101225A from a helium star/neutron star merger at redshift 0.33**

Thoene C. C., Postigo A. d. U., Fryer C. L., Page K. L., Gorosabel J., Aloy M. A., Perley D. A., Kouveliotou C., Janka H. T., Mimica P., et al.

NATURE, vol.480, no.7375, pp.72-74, 2011 (SCI-Expanded)

XLIV. **Can a double component outflow explain the X-ray and optical lightcurves of Swift Gamma-Ray Bursts?**

DE PASQUALE M., Evans P., Oates S., Page M., Zane S., Schady P., Breeveld A., Holland S., Still M.

ADVANCES IN SPACE RESEARCH, vol.48, no.8, pp.1411-1414, 2011 (SCI-Expanded)

XLV. **FERMI AND SWIFT GAMMA-RAY BURST AFTERGLOW POPULATION STUDIES**

Racusin J. L., Oates S. R., Schady P., Burrows D. N., DE PASQUALE M., Donato D., Gehrels N., Koch S., McEnery J., Piran T., et al.

ASTROPHYSICAL JOURNAL, vol.738, no.2, 2011 (SCI-Expanded)

XLVI. **Testing the blast wave model with Swift GRBs**

Curran P. A., Starling R. L. C., van der Horst A. J., Wijers R. A. M. J., DE PASQUALE M., Page M.

ADVANCES IN SPACE RESEARCH, vol.47, no.8, pp.1362-1366, 2011 (SCI-Expanded)

XLVII. **A statistical comparison of the optical/UV and X-ray afterglows of gamma-ray bursts using the Swift Ultraviolet Optical and X-ray Telescopes**

Oates S. R., Page M. J., Schady P., DE PASQUALE M., Evans P. A., Page K. L., Chester M. M., Curran P. A., Koch T. S., Kuin N. P. M., et al.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.412, no.1, pp.561-579, 2011 (SCI-Expanded)

XLVIII. **Discovery of the nearby long, soft GRB 100316D with an associated supernova**

Starling R. L. C., Wiersema K., Levan A. J., Sakamoto T., Bersier D., Goldoni P., Oates S. R., Rowlinson A., Campana S., Sollerman J., et al.

MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.411, no.4, pp.2792-2803, 2011 (SCI-Expanded)

XLIX. **THE LATE PEAKING AFTERGLOW OF GRB 100418A**

Marshall F. E., Antonelli L. A., Burrows D. N., Covino S., DE PASQUALE M., Evans P. A., Fugazza D., Holland S. T., Liang E. W., O'Brien P. T., et al.

ASTROPHYSICAL JOURNAL, vol.727, no.2, 2011 (SCI-Expanded)

- L. **Further calibration of the Swift ultraviolet/optical telescope**
Breeveld A. A., Curran P. A., Hoversten E. A., Koch S., Landsman W., Marshall F. E., Page M. J., Poole T. S., Roming P., Smith P. J., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.406, no.3, pp.1687-1700, 2010 (SCI-Expanded)
- LI. **GRB 090926A AND BRIGHT LATE-TIME FERMI LARGE AREA TELESCOPE GAMMA-RAY BURST AFTERGLOWS**
Swenson C. A., Maxham A., Roming P. W. A., Schady P., Vetere L., Zhang B. B., Zhang B., Holland S. T., Kennea J. A., Kuin N. P. M., et al.
ASTROPHYSICAL JOURNAL LETTERS, vol.718, no.1, 2010 (SCI-Expanded)
- LII. **ON THE ELECTRON ENERGY DISTRIBUTION INDEX OF SWIFT GAMMA-RAY BURST AFTERGLOWS**
Curran P. A., Evans P. A., DE PASQUALE M., Page M. J., van der Horst A. J.
ASTROPHYSICAL JOURNAL LETTERS, vol.716, no.2, 2010 (SCI-Expanded)
- LIIL. **Dust and metal column densities in gamma-ray burst host galaxies**
Schady P., Page M. J., Oates S. R., Still M., DE PASQUALE M., Dwelly T., Kuin N. P. M., Holland S. T., Marshall F. E., Roming P. W. A.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.401, no.4, pp.2773-2792, 2010 (SCI-Expanded)
- LIV. **SWIFT AND FERMI OBSERVATIONS OF THE EARLY AFTERGLOW OF THE SHORT GAMMA-RAY BURST 090510**
DE PASQUALE M., Schady P., Kuin N. P. M., Page M. J., Curran P. A., Zane S., Oates S. R., Holland S. T., Breeveld A. A., Hoversten E. A., et al.
ASTROPHYSICAL JOURNAL LETTERS, vol.709, no.2, 2010 (SCI-Expanded)
- LV. **GRB 090423 at a redshift of z approximate to 8.1**
Salvaterra R., Della Valle M., Campana S., Chincarini G., Covino S., D'Avanzo P., Fernandez-Soto A., Guidorzi C., Mannucci F., Margutti R., et al.
NATURE, vol.461, no.7268, pp.1258-1260, 2009 (SCI-Expanded)
- LVI. **A statistical study of gamma-ray burst afterglows measured by the Swift Ultraviolet Optical Telescope**
Oates S. R., Page M. J., Schady P., DE PASQUALE M., Koch T. S., Breeveld A. A., Brown P. J., Chester M. M., Holland S. T., Hoversten E. A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.395, no.1, pp.490-503, 2009 (SCI-Expanded)
- LVII. **GRB 081203A: Swift UVOT captures the earliest ultraviolet spectrum of a gamma-ray burst**
Kuin N. P. M., Landsman W., Page M. J., Schady P., Still M., Breeveld A. A., DE PASQUALE M., Roming P. W. A., Brown P. J., Carter M., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.395, no.1, 2009 (SCI-Expanded)
- LVIII. **THE FIRST SWIFT ULTRAVIOLET/OPTICAL TELESCOPE GRB AFTERGLOW CATALOG**
Roming P. W. A., Koch T. S., Oates S. R., Porterfield B. L., Berk D. E. V., Boyd P. T., Holland S. T., Hoversten E. A., Immler S., Marshall F. E., et al.
ASTROPHYSICAL JOURNAL, vol.690, no.1, pp.163-188, 2009 (SCI-Expanded)
- LIX. **Jet breaks at the end of the slow decline phase of Swift GRB light curves**
De Pasquale M., Evans P., Oates S., Page M., Zane S., Schady P., Breeveld A., HOLLAND S., Kuin P., Still M., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.392, no.1, pp.153-169, 2009 (SCI-Expanded)
- LX. **Optimal co-addition of imaging data for rapidly fading gamma-ray burst afterglows**
Morgan A. N., Berk D. E. V., Roming P. W. A., Nousek J. A., Koch T. S., Breeveld A. A., DE PASQUALE M., Holland S. T., Kuin N. P. M., Page M. J., et al.
ASTROPHYSICAL JOURNAL, vol.683, no.2, pp.913-923, 2008 (SCI-Expanded)
- LXI. **An extremely luminous X-ray outburst at the birth of a supernova**
Soderberg A. M., Berger E., Page K. L., Schady P., Parrent J., Pooley D., Wang X. -, Ofek E. O., Cucchiara A., Rau A., et al.
NATURE, vol.453, no.7194, pp.469-474, 2008 (SCI-Expanded)
- LXII. **Swift captures the spectrally evolving prompt emission of GRB070616**
Starling R. L. C., O'Brien P. T., Willingale R., Page K. L., Osborne J. P., DE PASQUALE M., Nakagawa Y. E., Kuin N. P. M.,

- Onda K, Norris J. P., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.384, no.2, pp.504-514, 2008 (SCI-Expanded)
- LXIII. **Photometric calibration of the Swift ultraviolet/optical telescope**
Poole T. S., Breeveld A. A., Page M. J., Landsman W., Holland S. T., Roming P., Kuin N. P. M., Brown P. J., Gronwall C., Hunsberger S., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.383, no.2, pp.627-645, 2008 (SCI-Expanded)
- LXIV. **The two-component afterglow of Swift GRB 050802**
OATES S. R., De Pasquale M., PAGE M. J., BLUSTIN A. J., ZANE S., MCGOWAN K., MASON K. O., POOLE T. S., SCHADY P., ROMING P. W. A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.380, no.1, pp.270-280, 2007 (SCI-Expanded)
- LXV. **Extreme properties of GRB 061007: a highly energetic or a highly collimated burst?**
Schady P., DE PASQUALE M., Page M. J., Vetere L., Pandey S. B., Wang X. Y., Cummings J., Zhang B., Zane S., Breeveld A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.380, no.3, pp.1041-1052, 2007 (SCI-Expanded)
- LXVI. **GRB 061121: Broadband spectral evolution through the prompt and afterglow phases of a bright burst**
Page K. L., Willingale R., Osborne J. P., Zhang B., Godet O., Marshall F. E., Melandri A., Norris J. P., O'Brien P. T., Pal'shin V., et al.
ASTROPHYSICAL JOURNAL, vol.663, no.2, pp.1125-1138, 2007 (SCI-Expanded)
- LXVII. **Early afterglow detection in the Swift observations of GRB 050801**
De Pasquale M., OATES S. R., PAGE M. J., BURROWS D. N., BLUSTIN A. J., ZANE S., MASON K. O., ROMING P. W. A., PALMER D., GEHRELS N., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.377, no.4, pp.1638-1646, 2007 (SCI-Expanded)
- LXVIII. **Optical, infrared, and ultraviolet observations of the X-ray flash XRF 050416A**
Holland S. T., Boyd P. T., Gorosabel J., Hjorth J., Schady P., Thomsen B., Augusteijn T., Blustin A. J., Breeveld A., DE PASQUALE M., et al.
ASTRONOMICAL JOURNAL, vol.133, no.1, pp.122-129, 2007 (SCI-Expanded)
- LXIX. **Very early optical afterglows of gamma-ray bursts: Evidence for relative paucity of detection**
Roming P. W. A., Schady P., Fox D. B., Zhang B., Liang E., Mason K. O., Rol E., Burrows D. N., Blustin A. J., Boyd P. T., et al.
ASTROPHYSICAL JOURNAL, vol.652, no.2, pp.1416-1422, 2006 (SCI-Expanded)
- LXX. **Probing the nature of dark GRBs with the exceptional burst GRB 060108(*)**
Oates S. R., Mundell C. G., Piranomonte S., Page K. L., DE PASQUALE M., Monfardini A., Melandri A., Zane S., Guidorzi C., Malesani D.
NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-BASIC TOPICS IN PHYSICS, vol.121, no.12, pp.1547-1548, 2006 (SCI-Expanded)
- LXXI. **The BeppoSAX, XMM-Newton and Chandra X-ray afterglow catalog**
Gendre B., Corsi A., Piro L., DE PASQUALE M.
NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-BASIC TOPICS IN PHYSICS, vol.121, no.12, pp.1485-1486, 2006 (SCI-Expanded)
- LXXII. **Energy injection in GRB afterglows: The case of Swift GRBs 050401, 050801 and 050802**
DE PASQUALE M., Oates S., Beardmore A., Page K., Blustin A., Zane S., Page M., O'Mason K., Burrows D., Palmer D., et al.
NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-BASIC TOPICS IN PHYSICS, vol.121, no.12, pp.1471-1473, 2006 (SCI-Expanded)
- LXXIII. **Dust and gas in the local environments of gamma-ray bursts**
Schady P., Mason K. O., Page M. J., Romano P., Roming P. W. A., Berg D. V., DE PASQUALE M., Immler S.
NUOVO CIMENTO DELLA SOCIETA ITALIANA DI FISICA B-BASIC TOPICS IN PHYSICS, vol.121, no.10-11, pp.1197-1200, 2006 (SCI-Expanded)
- LXXIV. **Anatomy of a dark burst - the afterglow of GRB 060108**
Oates S. R., Mundell C. G., Piranomonte S., Page K. L., DE PASQUALE M., Monfardini A., Melandri A., Zane S., Guidorzi

- C., Malesani D., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.372, no.1, pp.327-337, 2006 (SCI-Expanded)
- LXXV. **The BeppoSAX catalog of GRB X-ray afterglow observations**
De Pasquale M., PIRO L., GENDRE B., AMATI L., ANTONELLI L. A., COSTA E., FEROCI M., FRONTERA F., NICASTRO L., SOFFITTA P., et al.
ASTRONOMY & ASTROPHYSICS, vol.455, no.3, pp.813-834, 2006 (SCI-Expanded)
- LXXVI. **Swift observations of GRB 050712**
De Pasquale M., GRUPE D., POOLE T. S., BREEVELD A. A., ZANE S., ROSEN S. R., PAGE M. J., MASON K. O., BURROWS D. N., KRIMM H. A., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.370, no.4, pp.1859-1866, 2006 (SCI-Expanded)
- LXXVII. **Swift UVOT observations of X-ray flash 050406**
Schady P., Mason K. O., Osborne J. P., Page M. J., Roming P. W. A., Still M., Zhang B., Blustin A. J., Boyd P., Cucchiara A., et al.
ASTROPHYSICAL JOURNAL, vol.643, no.1, pp.276-283, 2006 (SCI-Expanded)
- LXXVIII. **Prompt optical observations of GRB 050319 with the Swift UVOT**
Mason K., Blustin A., Boyd P., Holland S., Page M., Roming P., Still M., Zhang B., Breeveld A., DE PASQUALE M., et al.
ASTROPHYSICAL JOURNAL, vol.639, no.1, pp.311-315, 2006 (SCI-Expanded)
- LXXIX. **Swift panchromatic observations of the bright gamma-ray burst GRB 050525a**
Blustin A., Band D., Barthelmy S., Boyd P., Capalbi M., Holland S., Marshall F., Mason K., Perri M., Poole T., et al.
ASTROPHYSICAL JOURNAL, vol.637, no.2, pp.901-913, 2006 (SCI-Expanded)
- LXXX. **Swift and optical observations of GRB 050401**
De Pasquale M., Beardmore A., Barthelmy S., Boyd P., Burrows D., Fink R., Gehrels N., Kobayashi S., Mason K., McNought R., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.365, no.3, pp.1031-1038, 2006 (SCI-Expanded)
- LXXXI. **Swift UVOT detection of GRB 050318**
Still M., Roming P., Mason K., Blustin A., Boyd P., Breeveld A., Brown P., DE PASQUALE M., Gronwall C., Holland S., et al.
ASTROPHYSICAL JOURNAL, vol.635, no.2, pp.1187-1191, 2005 (SCI-Expanded)
- LXXXII. **Ultraviolet, optical, and X-ray observations of the type Ia supernova 2005am with Swift**
Brown P., Holland S., James C., Milne P., Roming P., Mason K., Page K., Beardmore A., Burrows D., Morgan A., et al.
ASTROPHYSICAL JOURNAL, vol.635, no.2, pp.1192-1196, 2005 (SCI-Expanded)
- LXXXIII. **A short gamma-ray burst apparently associated with an elliptical galaxy at redshift $z=0.225$**
Gehrels N., Sarazin C., O'Brien P., Zhang B., Barbier L., Barthelmy S., Blustin A., Burrows D., Cannizzo J., Cummings J., et al.
NATURE, vol.437, no.7060, pp.851-854, 2005 (SCI-Expanded)
- LXXXIV. **Probing the environment in gamma-ray bursts: The case of an X-ray precursor, afterglow late onset, and wind versus constant density profile in GRB 011121 and GRB 011211**
Piro L., DE PASQUALE M., Soffitta P., Lazzati D., Amati L., Costa E., Feroci M., Frontera F., Guidorzi C., in'T Zand J., et al.
ASTROPHYSICAL JOURNAL, vol.623, no.1, pp.314-324, 2005 (SCI-Expanded)
- LXXXV. **Multiwavelength study of the very long GRB 020410**
Nicastro L., in't Zand J., Amati L., Golenetskii S., Castro-Tirado A., Gorosabel J., Lazzati D., Costa E., DE PASQUALE M., Feroci M., et al.
ASTRONOMY & ASTROPHYSICS, vol.427, no.2, pp.445-452, 2004 (SCI-Expanded)
- LXXXVI. **Absorption in gamma-ray burst afterglows**
Stratta G., Fiore F., Antonelli L., Piro L., DE PASQUALE M.
ASTROPHYSICAL JOURNAL, vol.608, no.2, pp.846-864, 2004 (SCI-Expanded)
- LXXXVII. **A comparative study of the X-ray afterglow properties of optically bright and dark gamma-ray bursts**
De Pasquale M., Piro L., Perna R., Costa E., Feroci M., Gandolfi G., IN'T ZAND J., NICASTRO L., FRONTERA F., ANTONELLI L., et al.

Articles Published in Other Journals

- I. **The Host Galaxies of Short GRBs as Probes of Their Progenitor Properties**
De Pasquale M.
GALAXIES, vol.7, no.1, 2019 (ESCI)
- II. **Challenging the Forward Shock Model with the 80 Ms Follow up of the X-ray Afterglow of Gamma-Ray Burst 130427A**
DE PASQUALE M., Page M., Kann D. A., Oates S. R., Schulze S., Zhang B., Cano Z., Gendre B., Malesani D., Rossi A., et al.
GALAXIES, vol.5, no.1, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **GRB 130427A afterglow: A test for GRB models**
De Pasquale M., Page M. J., Kann D. A., Oates S. R., Schulze S., Zhang B., Cano Z., Gendre B., Malesani D., Rossi A., et al.
12th Multifrequency Behaviour of High Energy Cosmic Sources Workshop, MULTIF 2017, Palermo, Italy, 12 - 17 June 2017, vol.306, pp.1-8
- II. **PHYSICAL PROPERTIES OF RAPIDLY DECAYING AFTERGLOWS**
DE PASQUALE M., Schulze S., Kann D. A., Oates S., Zhang B.
Fall Gamma Ray Burst Symposium on 15 years of Gamma-Ray Bursts afterglows: Progenitors, Environments and Host Galaxies from the Nearby to the Early Universe, Malaga, Spain, 8 - 12 October 2012, vol.61, pp.217-221
- III. **AN INTRINSIC CORRELATION BETWEEN GRB OPTICAL/UV AFTERGLOW BRIGHTNESS AND DECAY RATE**
Oates S. R., Page M. J., DE PASQUALE M., Schady P., Breeveld A. A., Holland S. T., Kuin N. P. M., Marshall F. E.
Fall Gamma Ray Burst Symposium on 15 years of Gamma-Ray Bursts afterglows: Progenitors, Environments and Host Galaxies from the Nearby to the Early Universe, Malaga, Spain, 8 - 12 October 2012, vol.61, pp.211-215
- IV. **A Statistical Comparison of the Optical/UV and X-ray GRB Afterglows Observed using the Swift UVOT and XRT**
Oates S. R., Page M. J., Schady P., DE PASQUALE M., Evans P. A., Page K. L., Chester M. M., Curran P., Koch T. S., Kuin N. P. M., et al.
Conference of the Gamma Ray Bursts, Anapolis, Brazil, 1 - 04 November 2010, vol.1358
- V. **GRB 081029: Understanding Multiple Afterglow Components**
Holland S. T., DE PASQUALE M., Mao J., Sakamoto T., Schady P., Covino S., D'Avanzo P., Antonelli A., D'Elia V., Chincarini G., et al.
Conference of the Gamma Ray Bursts, Anapolis, Brazil, 1 - 04 November 2010, vol.1358
- VI. **Jet breaks at the end of the plateau phase of Swift GRB lightcurves**
DE PASQUALE M., Evans P., Oates S., Page M., Zane S., Breeveld A., Holland S., Still A.
International Conference on Probing Stellar Populations Out to the Distant Universe, Cefalu, Italy, 7 - 19 September 2008, vol.1111, pp.379-380
- VII. **Extreme properties of GRB 061007: a highly energetic or a highly collimated burst?**
Schady P., DE PASQUALE M., Page M. J., Vetere L., Page M. J., Wang X. Y., Cummings J., Zhang B., Zane S., Breeveld A., et al.
Santa Fe Conference on Gamma-Ray Bursts, Santa Fe, Argentina, 5 - 09 November 2007, vol.1000, pp.200-201
- VIII. **Challenging the current model for the GRB canonical afterglow lightcurve**
DE PASQUALE M., Oates S. R., Page M. J., Zane S., Evans P.
Santa Fe Conference on Gamma-Ray Bursts, Santa Fe, Argentina, 5 - 09 November 2007, vol.1000, pp.463-464
- IX. **Gas-to-dust ratios in GRB host galaxies**
Schady P., Mason K. O., Page M. J., DE PASQUALE M., Morris D. C., Oates S. R., Roming P. W. A., Immler S., Berk D. E. V.

Santa Fe Conference on Gamma-Ray Bursts, Santa Fe, Argentina, 5 - 09 November 2007, vol.1000, pp.505-506

X. **A systematic analysis of X-ray afterglows of gamma-ray burst observed by XMM-Newton**

Gendre B., Piro L., DE PASQUALE M.

35th COSPAR Scientific Assembly, Paris, France, 18 - 25 July 2004, vol.38, pp.1325-1327

XI. **A catalog of X-ray afterglows observed by BeppoSAX, XMM-Newton and Chandra**

Gendre B., Corsi A., Piro L., DE PASQUALE M.

16th Annual Astrophysics Conference, Washington, Kiribati, 29 November - 02 December 2005, vol.836, pp.428-429

XII. **The transition between the main event and the afterglow: BeppoSAX**

Soffitta P., De Pasquale M., Piro L., Costa E.

3rd Workshop on Gamma-Ray Bursts, Rome, Italy, 17 - 20 September 2002, vol.312, pp.23-28

XIII. **Properties of dark and optically bright Gamma-Ray Bursts of BeppoSAX**

De Pasquale M., Piro L., COSTA E., FEROCI M., GANDOLFI G., PERNA R., IN 'T ZAND J., NICASTRO L., FRONTERA F., ANTONELLI L., et al.

3rd Workshop on Gamma-Ray Bursts, Rome, Italy, 17 - 20 September 2002, vol.312, pp.205-208

Metrics

Publication: 102

Citation (WoS): 1974

Citation (Scopus): 1701

H-Index (WoS): 15

H-Index (Scopus): 15