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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2008 - 2014

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2006 - 2008

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Physics, Turkey 2005 - 2006

Undergraduate, Ankara University, Faculty Of Science, Department Of Astronomy And Space Sciences, Turkey 1999 - 2004

Certificates, Courses and Trainings

Project Management, Leadership Effectiveness, Imperial College London & The Royal Society, 2019

Research Areas

Physics, Astronomy and Astrophysics, Star Systems, Interstellar Medium, The Galaxy, Galactic and Extragalactic Objects and Systems, Cosmology, Stars, Natural Sciences

Academic Titles / Tasks

Researcher, University of Southampton, Physics and Astronomy, 2019 - Continues

Assistant Professor, Ataturk University, Fen Fakültesi, Astronomi ve Uzay Bilimleri, 2016 - Continues

Academic and Administrative Experience

Courses

Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Postgraduate, 2017 - 2018, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dips and eclipses in the X-ray binary Swift J1858.6-0814 observed with NICER**
Buisson D. J. K., Altamirano D., Armas Padilla M., Arzoumanian Z., Bult P., Segura N. C., Charles P. A., Degenaar N., Trigo M. D., Van Den Eijnden J., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.503, no.4, pp.5600-5610, 2021 (SCI-Expanded)
- II. **Discovery of thermonuclear (Type I) X-ray bursts in the X-ray binary Swift J1858.6-0814 observed with NICER and NuSTAR**
Buisson D. J. K., Altamirano D., Bult P., Mancuso G. C., Guver T., Jaisawal G. K., Hare J., Albayati A. C., Arzoumanian Z., Segura N. C., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.499, no.1, pp.793-803, 2020 (SCI-Expanded)
- III. **Soft X-ray emission lines in the X-ray binary Swift J1858.6-0814 observed with XMM-Newton Reflection Grating Spectrometer: disc atmosphere or wind?**
Buisson D. J. K., Altamirano D., Trigo M. D., Mendez M., Armas Padilla M., Segura N. C., Degenaar N. D., Van Den Eijnden J., Fogantini F. A., Gandhi P., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.498, no.1, pp.68-76, 2020 (SCI-Expanded)
- IV. **The variable radio counterpart of Swift J1858.6-0814**
Van Den Eijnden J., Degenaar N., Russell T. D., Buisson D. J. K., Altamirano D., Padilla M. A., Bahramian A., Segura N. C., Fogantini F. A., Heinke C. O., et al.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.496, no.4, pp.4127-4140, 2020 (SCI-Expanded)
- V. **The Changing-look Optical Wind of the Flaring X-Ray Transient Swift J1858.6-0814**
Munoz-Darias T., Armas Padilla M., Jimenez-Ibarra F., Panizo-Espinar G., Casares J., Altamirano D., Buisson D. J. K., Segura N. C., Cuneo V. A., Degenaar N., et al.
ASTROPHYSICAL JOURNAL LETTERS, vol.893, no.1, 2020 (SCI-Expanded)
- VI. **Activity from the Be/X-ray binary system V0332+53 during its intermediate-luminosity outburst in 2008**
Caballero-Garcia M. D., Camero-Arranz A., Arabaci M., Zurita C., Suso J., Gutierrez-Soto J., Beklen E., Kiaeerad F., Garrido R., Hudec R.
Astronomy and Astrophysics, vol.589, 2016 (SCI-Expanded)
- VII. **Detection of a large Be circumstellar disk during X-ray quiescence of XTE J1946 + 274**
Arabaci M., Camero-Arranz A., Zurita C., Gutierrez-Soto J., Nespoli E., Suso J., Kiaeerad F., Garcia-Rojas J., Kiziloglu U.
Astronomy and Astrophysics, vol.582, 2015 (SCI-Expanded)
- VIII. **Recent activity of the Be/X-ray binary system SAX J2103.5+4545**
Camero A., Zurita C., Gutierrez-Soto J., Özbey Arabaci M., Nespoli E., Kiaeerad F., Beklen E., Garcia-Rojas J., Caballero-Garcia M.
Astronomy and Astrophysics, vol.568, 2014 (SCI-Expanded)
- IX. **Multiwavelength observations of the black hole transient Swift J1745-26 during the outburst decay**
Kalemci E., Arabaci M., Güver T., Russell D. M., Tomsick J. A., Wilms J., Weidenspointner G., Kuulkers E., Falanga M., Dincer T., et al.
Monthly Notices of the Royal Astronomical Society, vol.445, no.2, pp.1288-1298, 2014 (SCI-Expanded)
- X. **Investigating the optical counterpart candidates of four INTEGRAL sources localized with Chandra**
Arabaci M., Kalemci E., Tomsick J. A., Halpern J., Bodaghee A., Chaty S., Rodriguez J., Rahoui F.
Astrophysical Journal, vol.761, no.1, 2012 (SCI-Expanded)
- XI. **Localizing integral sources with chandra: X-ray and multi-wavelength identifications and energy spectra**
Tomsick J. A., Bodaghee A., Chaty S., Rodriguez J., Rahoui F., Halpern J., Kalemci E., Arabaci M.
Astrophysical Journal, vol.754, no.2, 2012 (SCI-Expanded)
- XII. **IDENTIFICATIONS OF FIVE INTEGRAL SOURCES VIA OPTICAL SPECTROSCOPY**

- Butler S. C., Tomsick J. A., Chaty S., Heras J. A. Z., Rodriguez J., Walter R., Kaaret P., Kalemci E., Ozbey M.
ASTROPHYSICAL JOURNAL, vol.698, no.1, pp.502-508, 2009 (SCI-Expanded)
- XIII. **Recent RXTE/ASM and ROTSEIII observations of EXO 2030+375 (V2246 Cygni)**
Baykal A., Kiziloglu U., Kiziloglu N., Beklen E., Ozbey M.
Astronomy and Astrophysics, vol.479, no.2, pp.301-306, 2008 (SCI-Expanded)
- XIV. **Optical variabilities in the Be/X-ray binary system GRO J2058+42 (CXOU J205847.5+414637)**
Kiziloglu U., Kiziloglu N., Baykal A., Yerli S. K., Ozbey M.
Astronomy and Astrophysics, vol.470, no.3, pp.1023-1029, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Long-term optical observations of the Be/X-Ray binary system V033253**
Kiziloglu U., Kiziloglu G. N., Baykal A., Yerli S. K., Özbey Arabacı M.
INFORMATION BULLETIN on VARIABLE STARS, no.5865, 2008 (Scopus)
- II. **Detection of Increase in the Optical Light of Be/X-Ray Binary System GRO J205842**
Kiziloglu U., Kiziloglu G. N., Baykal A., Yerli S. K., Özbey Arabacı M.
INFORMATION BULLETIN on VARIABLE STARS, no.5821, 2008 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **DAG Odak Düzlemi Aygıtları: Birinci Nesil Öngörülleri**
SAGUNER RAMBALDI T., ÖZBEY ARABACI M., ALIŞ S., YERLİ S. K., YEŞİLYAPRAK C.
21. Ulusal Astronomi Kongresi, Turkey, 3 - 07 September 2018, vol.1, pp.707-709
- II. **Galaktik Be/X-ışın Çiftleri: X-ışın, Optik/IR Bölge ve Yörünge Özellikleri**
ÖZBEY ARABACI M., KIZILOĞLU Ü., SAGUNER RAMBALDI T., YERLİ S. K.
21. Ulusal Astronomi Kongresi, Turkey, 3 - 07 September 2018, vol.1, pp.579-581
- III. **XTE J1946 274 Be X ışıının X ışıının Durgun Dönemdeki Boşaltım Diskinin İncelenmesi**
ÖZBEY ARABACI M., KIZILOĞLU Ü., Camero Arranz A.
20. Ulusal Astronomi Kongresi, Erzurum, Turkey, 5 - 09 September 2016
- IV. **Galaksideki Be X Işın Çiftleri ve Adayları Kataloğu**
ÖZBEY ARABACI M., KIZILOĞLU Ü.
20. Ulusal Astronomi Kongresi, Erzurum, Turkey, 5 - 09 September 2016
- V. **Catalog of Be/X-ray Binaries and Candidates in The Galaxy**
ÖZBEY ARABACI M.
BeXRB 2017, Girit, Greece, 11 - 14 September 2017
- VI. **Status of Focal Plane Instrumentation (FPI) project of the 4m DAG telescope**
Keskin O., YERLİ S. K., YEŞİLYAPRAK C., Guver T., Alis S., Yelkenci F. K., Guçsav B. B., Arabacı M., Erol A.
Ground-Based and Airborne Instrumentation for Astronomy VI, Edinburgh, United Kingdom, 26 - 30 June 2016, vol.9908
- VII. **The Be X ray binary system V0332 53 A Short Review**
Caballero Garcia M. D., Camero Arranz A., ÖZBEY ARABACI M., Hudec R.
XI Multifrequency Behaviour of High Energy Cosmic Sources Workshop (MULTIF15), Palermo, Italy, 25 - 30 May 2015
- VIII. **Identifications of Five INTEGRAL Sources via Optical Spectroscopy**
Butler S., Tomsick J. A., Chaty S., Zurita Heras J. A., Rodriguez J., Walter R., Kaaret P., KALEMCI E., ÖZBEY M.
American Astronomy Meeting #214, Pasadena, 7 - 11 June 2009, vol.41, pp.702

Supported Projects

Yeşilyaprak C., Keskin O., Yerli S. K., Özbey Arabacı M., Güver T., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Doğu Anadolu Gözlemevi, 2012 - 2022
Özbey Arabacı M., Newton Programme Project, Multiwavelength Observations of Be/X-ray Binaries Displaying Giant (Type II) Outbursts, 2019 - 2021
Yeşilyaprak C., Yerli S. K., Keskin O., Güver T., Özbey Arabacı M., Aliş S., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, 2016 - 2021
Kalemci E., TUBITAK Project, Jetlerin Karadeliklerin X-Işını Tayfsal Ve Zamansal Özelliklerine Etkisi, 2011 - 2013
Yerli S. K., Ankaş A., TUBITAK Project, 2010 - 2013
Baykal A., Yerli S. K., TUBITAK Project, 2006 - 2009

Memberships / Tasks in Scientific Organizations

International Astronomical Union (IAU), Member, 2018 - Continues, France
European Astronomical Society (EAS) , Member, 2017 - Continues, Switzerland
Türk Astronomi Derneği, Member, 2016 - Continues, Turkey

Scientific Refereeing

TUBITAK Project, 1002 - Quick Support Program, Ataturk University, Turkey, January 2019

Tasks In Event Organizations

Özbey Arabacı M., 20. Ulusal Astronomi Kongresi, Scientific Congress, Erzurum, Turkey, Eylül 2016
Özbey Arabacı M., Scientific Congress, Ankara, Turkey, Şubat 2015

Metrics

Publication: 24
Citation (WoS): 93
Citation (Scopus): 83
H-Index (WoS): 6
H-Index (Scopus): 6