

# Prof. TOLGAHAN KILIÇOĞLU

## Personal Information

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Publons / Web Of Science ResearcherID: R-6879-2019

ScopusID: 56395449600

Yoksis Researcher ID: 114805

## Biography

Dr. Tolgahan KILIÇOĞLU completed his primary education at Özel Arı Koleji and then pursued his middle school and high school education at Kocatepe Mimar Kemal Lisesi. Opting to continue his undergraduate studies, he chose the Department of Astronomy and Space Sciences at Ankara University Faculty of Science, graduating with honors with a major in mathematics.

Maintaining his interest in an academic career, he went on to complete his master's and doctoral studies at the Department of Astronomy and Space Sciences, Ankara University Graduate School of Natural and Applied Sciences. During his doctoral education, he gained international experience by serving as a visiting researcher at Nice University in France for over a year.

Since 2006, Dr. Tolgahan KILIÇOĞLU has been serving as an academician at the Department of Astronomy and Space Sciences, Faculty of Science, Ankara University. Initially appointed as a research assistant, he later earned the title of associate professor. In his academic career, Dr. Tolgahan KILIÇOĞLU has also provided guidance to students and is recognized for his contributions to the field of astrophysics.

## Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), Turkey 2008 - 2014

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), Turkey 2005 - 2008

Undergraduate, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, Turkey 2000 - 2004

## Foreign Languages

French, A1 Beginner

English, B2 Upper Intermediate

## Dissertations

Doctorate, Spectral Analysis of the Members of the Open Cluster M6, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), 2014

Postgraduate, Elemental Abundance Analysis of Low-Amplitude  $\delta$  Scuti star: 20 CVn, Ankara University, Fen Bilimleri Enstitüsü, Astronomi Ve Uzay Bilimleri (Dr), 2008

## Research Areas

Physics, Astronomy and Astrophysics, Astronomy and Astrophysics: Instrumentation Techniques and Observations, Star Systems, Interstellar Medium, The Galaxy, Galactic and Extragalactic Objects and Systems, Cosmology, Stars, General Physics, Physics and astronomy tools and devices, Natural Sciences

## Academic Titles / Tasks

Professor, Ankara University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri Bölümü, 2025 - Continues

Associate Professor, Ankara University, Fen Fakültesi, Astronomi Ve Uzay Bilimleri Bölümü, 2020 - 2025

Research Assistant, Ankara University, Fen Fakültesi, Astronomi ve Uzay Bilimleri Bölümü, 2005 - 2020

## Academic and Administrative Experience

Academic Performance D. Board Member, Ankara University, Rektörlük, Astronomi ve Uzay Bilimleri Araştırma Uygulama Merkezi, 2023 - Continues

Deputy Director of the Center, Ankara University, Rektörlük, Astronomi ve Uzay Bilimleri Araştırma Uygulama Merkezi, 2019 - Continues

Chair/Member of the Observation and Evaluation Committee, Ankara University, Rektörlük, Astronomi ve Uzay Bilimleri Araştırma Uygulama Merkezi, 2008 - Continues

## Courses

### Postgraduate

Study of Thesis, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Graduate Specialization Course, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

### Undergraduate

Fundamentals of Cosmology (Turkish), Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Astrophysics II, Undergraduate, 2023 - 2024

Fundamentals of Cosmology (English), Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Astronomy II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Statistics in Astronomy, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Introduction to Astronomy, Undergraduate, 2021 - 2022, 2020 - 2021

Space Exploration, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Astronomy, Undergraduate, 2019 - 2020, 2018 - 2019

Cosmology, Undergraduate, 2019 - 2020, 2018 - 2019

Late Stages of Stellar Evolution, Undergraduate, 2017 - 2018

Astronomy I (Practical Lessons), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2008 - 2009

Astronomy II (Practical Lessons), Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013,

2008 - 2009

Observational Instruments (Practical Lessons), Undergraduate, 2009 - 2010

## Supervised Theses

KILIÇOĞLU T., Chemical abundance analysis for double-lined spectroscopic binaries by composite spectrum modelling, Postgraduate, M.AYDIN(Student), 2020

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, July, 2023  
Doctorate, Doctorate, Ankara Üniversitesi, June, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, January, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, January, 2022

Post Graduate, Post Graduate, Ankara Üniversitesi, June, 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Surface Composition of Six Newly Discovered Chemically Peculiar Stars. Comparison to the HgMn Stars  $\mu$  Lep and  $\beta$  Scl and the Superficially Normal B Star  $\nu$  Cap**  
Monier R., Niemczura E., Kurtz D., Rappaport S., Bowman D., Murphy S. J., Lebreton Y., Stuik R., Deal M., Merle T., et al.  
Astronomical Journal, vol.166, no.2, 2023 (SCI-Expanded)
- II. **Probable nature of HD 196821: Is the star a cool HgMn?**  
Caliskan Ş., Unal K., Ozuyar D., Kilicoglu T., Elmasli A., Ozgur E., Nasolo Y.  
ASTRONOMISCHE NACHRICHTEN, vol.343, no.8, 2022 (SCI-Expanded)
- III. **Mass-effective temperature-surface gravity relation for intermediate-mass main-sequence stars**  
Kılıçoğlu T.  
Astronomy and Astrophysics, vol.655, 2021 (SCI-Expanded)
- IV. **Observing and modelling the young solar analogue EK Draconis: starspot distribution, elemental abundances, and evolutionary status**  
Senavci H. V., Kılıçoğlu T., Isik E., Hussain G. A. J., Montes D., Bahar E., Solanki S. K.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.502, no.3, pp.3343-3356, 2021 (SCI-Expanded)
- V. **Analysis of the Most Precise Light Curves of HAT-P-36**  
YALÇINKAYA S., BAŞTÜRK Ö., El Helweh F., ESMER E. M., Yorukoglu O., YILMAZ M., ŞENAVCI H. V., KILIÇOĞLU T., SELAM S. O.  
ACTA ASTRONOMICA, vol.71, no.3, pp.223-242, 2021 (SCI-Expanded)
- VI. **First Doppler imaging of the RS CVn binary FF UMa**  
ŞENAVCI H. V., BAHAR E., ÖZAVCI İ., KILIÇOĞLU T.  
CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATE PLESO, vol.50, no.2, pp.594-600, 2020 (SCI-Expanded)
- VII. **Orbital Period Analysis of Four Eclipsing Binaries XY Boo, RW Com, MR Del and AK Her**  
ÖZAVCI İ., ÖZUYAR D., ŞENAVCI H. V., YILMAZ M., BAHAR E., BAŞTÜRK Ö., KILIÇOĞLU T., Elmasli A., Caliskan Ş., Izci D. D., et al.

ACTA ASTRONOMICA, vol.70, no.1, pp.33-52, 2020 (SCI-Expanded)

- VIII. **The Chemical Compositions of the Two New HgMn Stars HD 30085 and HD 30963: Comparison to chi Lupi A, nu Cap, and HD 174567**  
Monier R., Griffin E., Gebran M., KILIÇOĞLU T., Merle T., Royer F.  
ASTRONOMICAL JOURNAL, vol.158, no.4, 2019 (SCI-Expanded)
- IX. **Elemental abundance analysis of single and binary late-B stars using sub-meter class telescopes: HR 342, HR 769, HR 1284, and HR 8705**  
KILIÇOĞLU T., Monier R.  
CONTRIBUTIONS OF THE ASTRONOMICAL OBSERVATORY SKALNATE PLESO, vol.49, no.2, pp.373-376, 2019 (SCI-Expanded)
- X. **HR 8844: A New Transition Object between the Am Stars and the HgMn Stars?**  
Monier R., Gebran M., Royer F., KILIÇOĞLU T., Fremat Y.  
ASTROPHYSICAL JOURNAL, vol.854, no.1, 2018 (SCI-Expanded)
- XI. **Behavior of Abundances in Chemically Peculiar Dwarf and Subgiant A-Type Stars: HD 23193 and HD 170920**  
KILIÇOĞLU T., ÇALIŞKAN TÜRKSOY Ş., Unal K.  
ASTROPHYSICAL JOURNAL, vol.852, no.2, 2018 (SCI-Expanded)
- XII. **CHEMICAL COMPOSITION OF INTERMEDIATE-MASS STAR MEMBERS OF THE M6 (NGC 6405) OPEN CLUSTER**  
KILIÇOĞLU T., Monier R., Richer J., Fossati L., Albayrak B.  
ASTRONOMICAL JOURNAL, vol.151, no.3, 2016 (SCI-Expanded)
- XIII. **Detailed photospheric abundances of 28 Peg and HD 202240**  
ELMASLI AKÇAR A., ÇALIŞKAN TÜRKSOY Ş., KILIÇOĞLU T., Unal K., Nasolo Y., Albayrak B.  
NEW ASTRONOMY, vol.42, pp.38-41, 2016 (SCI-Expanded)
- XIV. **Chemical abundance analysis of the A-type stars CP Cyg and HD 33266**  
Çalışkan Türksoy Ş., Kılıçoğlu T., Elmaslı Akçar A., Nasolo Y., Avcı Z., Albayrak B.  
NEW ASTRONOMY, vol.34, pp.6-10, 2015 (SCI-Expanded)
- XV. **PHOTOMETRIC ANALYSIS OF OVERCONTACT BINARIES AK HER, HI DRA, V1128 TAU, AND V2612 OPH**  
Caliskan Ş., Latkovic O., Djurasevic G., Ozavci İ., BAŞTÜRK Ö., Cseki A., ŞENAVCI H. V., KILIÇOĞLU T., YILMAZ M., SELAM S. O.  
ASTRONOMICAL JOURNAL, vol.148, no.6, 2014 (SCI-Expanded)
- XVI. **A TALE ON TWO CLOSE BINARIES IN PEGASUS**  
ŞENAVCI H. V., YILMAZ M., BAŞTÜRK Ö., Ozavci İ., Caliskan Ş., KILIÇOĞLU T., Tezcan C. T.  
BALTIC ASTRONOMY, vol.23, no.2, pp.123-135, 2014 (SCI-Expanded)
- XVII. **PHOTOMETRIC ANALYSIS OF HS Aqr, EG Cep, VW LMi, AND DU Boo**  
Djurasevic G., BAŞTÜRK Ö., Latkovic O., YILMAZ M., Caliskan Ş., Tanriverdi T., ŞENAVCI H. V., KILIÇOĞLU T., Ekmekci F.  
ASTRONOMICAL JOURNAL, vol.145, no.3, 2013 (SCI-Expanded)
- XVIII. **Physical parameters of some close binaries: ET Boo, V1123 Tau, V1191 Cyg, V1073 Cyg and V357 Peg**  
Ekmekci F., Elmasli A., YILMAZ M., KILIÇOĞLU T., Tanriverdi T., BAŞTÜRK Ö., ŞENAVCI H. V., Caliskan Ş., Albayrak B., SELAM S. O.  
NEW ASTRONOMY, vol.17, no.7, pp.603-609, 2012 (SCI-Expanded)
- XIX. **Physical parameters of close binaries QX Andromedae, RW Comae Berenices, MR Delphini, and BD +07° 3142**  
Djurasevic G., YILMAZ M., BAŞTÜRK Ö., KILIÇOĞLU T., Latkovic O., Caliskan Ş.  
ASTRONOMY & ASTROPHYSICS, vol.525, 2011 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evidence for Twice-ionized Praseodymium and Neodymium in the Upper Atmosphere of HD 99803 A**  
MONIER R., NIEMCZURA E., KILIÇOĞLU T.  
Research Notes of the American Astronomical Society, vol.4, no.12, pp.234, 2020 (Non Peer-Reviewed Journal)
- II. **The Large Xenon Overabundances of the Bright HgMn stars  $\mu$  Lep and  $\beta$  Scl**  
MONIER R., KILIÇOĞLU T.  
Research Notes of the American Astronomical Society, vol.4, no.5, pp.64, 2020 (Non Peer-Reviewed Journal)
- III. **The Yttrium and Mercury Abundances of the Bright HgMn Star  $\beta$  Scl**  
MONIER R., NIEMCZURA E., KILIÇOĞLU T.  
Research Notes of the American Astronomical Society, vol.4, no.4, pp.48, 2020 (Non Peer-Reviewed Journal)
- IV. **A LIST OF MINIMA TIMES OF SOME ECLIPSING BINARIES**  
ÖZAVCI İ., BAHAR E., İzci D. D., ÖZUYAR D., Karadeniz O., Yörükoğlu O., Sarıgül H., Göçmen G., Uzunçam E., YALÇINKAYA S., et al.  
Open European Journal On Variable Stars, 2019 (Peer-Reviewed Journal)
- V. **HR 62: A New Evolved Chemically Peculiar Late-B Star?**  
KILIÇOĞLU T., Monier R.  
ASP Conference Series, 2019 (Peer-Reviewed Journal)
- VI. **HR 62: A Newly Recognized Giant HgMn Star**  
MONIER R., GRIFFIN E., KILIÇOĞLU T.  
Research Notes of the American Astronomical Society, vol.3, no.1, pp.14, 2019 (Non Peer-Reviewed Journal)
- VII. **Times of minima of some eclipsing binaries**  
Bahar E., Yörükoğlu O., Esmer E. M., Kılıçoğlu T., Öztürk D., Doğruel M., Özuyar D., Gümüş D., İzci D., Keten B., et al.  
Information Bulletin on Variable Stars, vol.63, no.6209, pp.1-3, 2017 (Scopus)
- VIII. **Times of minima of eclipsing binaries and mid-transit times of transiting exoplanets**  
Baştürk Ö., Bahar E., Şenavcı H. V., Kılıçoğlu T., Özavcı İ., Burdanov A., Yılmaz M., Çalışkan Ş., Tezcan C., Yörükoğlu O., et al.  
Information Bulletin on Variable Stars, vol.1, no.6125, 2015 (Scopus)
- IX. **New times of minima of some eclipsing binary stars and maxima of pulsating stars**  
Yılmaz M., Baştürk Ö., Alan N., Şenavcı H. V., Tanriverdi T., Kılıçoğlu T., Çalışkan Ş., Çelik L., Aydın G., Çakan D., et al.  
Information Bulletin on Variable Stars, vol.59, no.5887, 2009 (Scopus)
- X. **Photoelectric minima of some eclipsing binary stars**  
Kılıçoğlu T., Baştürk Ö., Şenavcı H. V., Yılmaz M., Tanriverdi T., Alan N., Sipahioğlu S., Aydın G., Çelik L., Çalışkan Ş., et al.  
Information Bulletin on Variable Stars, no.5801, pp.1-3, 2007 (Scopus)
- XI. **Photoelectric Minima of Some Eclipsing Binary Stars**  
ŞENAVCI H. V., TANRIVERDİ T., TÖRÜN E., ELMASLI AKÇAR A., KILIÇOĞLU T., ÇINAR D., SİPAHIOĞLU S., ALAN N., ÇOLAK T., YILMAZ M., et al.  
Information Bulletin on Variable Stars, no.5754, pp.1-4, 2007 (Scopus)

## Papers Published in Refereed Scientific Meetings

- I. **T80 Prof. Dr. Berahitdin Albayrak Teleskobu ve Odak Düzlemi Aletleri**  
Yörükoğlu O., Şenavcı H. V., Yılmaz M., Selam S. O., Baştürk Ö., Kılıçoğlu T., Özavcı İ., Esmer E. M., Bahar E., Yalçinkaya S.  
XXII. Ulusal Astronomi Kongresi, İzmir, Turkey, 6 - 08 September 2022, vol.4, pp.294-299
- II. **CQ UMA'nın Atmosferik Parametrelerinin Belirlenmesi**  
UZUNÇAM E., YORULMAZ E. B., ŞENAVCI H. V., KILIÇOĞLU T., ÖZAVCI İ., BAHAR E.  
XXII. Ulusal Astronomi Kongresi, İzmir, Turkey, 6 - 08 September 2022, vol.4, pp.328-331
- III. **The Role of the Stellar Chemical Evolution Models in Galactic Research**  
KILIÇOĞLU T.  
Galaktik Astronomi Çalıştayı, İstanbul, Turkey, 12 - 13 September 2019

- IV. **First Doppler imaging of the RS CVn binary FF UMa**  
Şenavcı H. V., Bahar E., Özavcı İ., Kılıçoğlu T.  
Universe of Binaries, Binaries in the Universe, Jihlava, Czech Republic, 7 - 11 September 2019, vol.50, pp.594-600
- V. **Current Results of the New Metallicity Calibration Method for EMP Stars**  
ÖZUYAR D., ÇALIŞKAN TÜRKSOY Ş., KILIÇOĞLU T.  
CEMP Stars as Probes of First-Star Nucleosynthesis, the IMF, and Galactic Assembly, Cenevre, Switzerland, 8 - 13 September 2019
- VI. **HR 62: A New Evolved Chemically Peculiar Late-B Star?**  
KILIÇOĞLU T., Monier R.  
Conference on Radiative Signatures from the Cosmos, Paris, France, 23 - 26 October 2018, vol.519, pp.201-204
- VII. **Line identifications in the spectrum of  $\chi$  Lupi**  
MONIER R., KILIÇOĞLU T.  
French Society of Astronomy and Astrophysics 2018 (SF2A2018), Bordeaux, France, 3 - 06 July 2018, pp.175-176
- VIII. **Doppler Imaging and Chemical Abundance Analysis of EK Dra: Capabilities of Small Telescopes**  
KILIÇOĞLU T., ŞENAVCI H. V., BAHAR E., IŞIK E., Montes D., Hussain G.  
Imaging of Stellar Surfaces, Garching, Germany, 5 - 09 March 2018
- IX. **A Tayf Türünden HD 187982 ve 6 Cas Süperdevlerinin Kimyasal Bolluk ve Rüzgar Analizleri: İlk Sonuçlar**  
KILIÇOĞLU T., AVCI Z., ÜNAL K., PULS J., ÇALIŞKAN TÜRKSOY Ş., ELMASLI AKÇAR A., ALBAYRAK B.  
XX. Ulusal Astronomi Kongresi, Erzurum, Turkey, 5 - 09 September 2016
- X. **HR 7098: a new cool HgMn star?**  
Monier R., Royer F., Gebran M., Kılıçoğlu T.  
French Society of Astronomy and Astrophysics 2017 (SF2A2017), Paris, France, 4 - 07 July 2017, pp.45-47
- XI. **The flat bottomed lines of Vega (A0V)**  
MONIER R., ROYER F., GEBRAN M., KILIÇOĞLU T.  
French Society of Astronomy and Astrophysics 2017 (SF2A2017), Paris, France, 4 - 07 July 2017, pp.49-55
- XII. **Preliminary test results a new metallicity calibration using ugr CaK photometry for EMP stars**  
ÇALIŞKAN TÜRKSOY Ş., KILIÇOĞLU T., ÖZUYAR D., BONIFACIO P., CAFFAU E.  
First Stars V, 1 - 05 August 2016
- XIII. **Abundance determinations for F dwarfs members of the Hyades from SOPHIE high resolution spectra**  
KILIÇOĞLU T., MONIER R., GEBRAN M.  
French Society of Astronomy and Astrophysics 2015 (SF2A2015), Toulouse, France, 2 - 05 June 2015, pp.389-392
- XIV. **Modeling and Period Study of the Overcontact Binary V1128 Tau**  
Latkovic O., ÇALIŞKAN TÜRKSOY Ş., Djurasevic G., Özavcı İ., BAŞTÜRK Ö., ŞENAVCI H. V., KILIÇOĞLU T., YILMAZ M., SELAM S. O.  
Living Together: Planets, Host Stars and Binaries, Litomyšl, Czech Republic, 8 - 12 September 2014, vol.496, pp.215
- XV. **HD 33266 ve 6 Cas in Kimyasal Bolluk Analizi**  
AVCI Z., KILIÇOĞLU T., ELMASLI AKÇAR A., ÇALIŞKAN TÜRKSOY Ş., ÜNAL K., NASOLO Y., ALBAYRAK B.  
XIX. Ulusal Astronomi Kongresi, Ankara, Turkey, 2 - 06 February 2015
- XVI. **CP Cyg ve HD 202240 Yıldızlarının Kimyasal Bolluk Analizi**  
YAHYA N., ELMASLI AKÇAR A., ÇALIŞKAN TÜRKSOY Ş., KILIÇOĞLU T., ÜNAL K., AVCI Z., ALBAYRAK B.  
XIX. Ulusal Astronomi Kongresi, Ankara, Turkey, 2 - 06 February 2015
- XVII. **HD 196821 HD 187983 ve 28 Peg Yıldızlarının Kimyasal Bolluk Analizi**  
ÜNAL K., ÇALIŞKAN TÜRKSOY Ş., KILIÇOĞLU T., ELMASLI AKÇAR A., NASOLO Y., AVCI Z., ALBAYRAK B.  
XIX. Ulusal Astronomi Kongresi, Ankara, Turkey, 2 - 06 February 2015
- XVIII. **Modeling and Period Study of the Overcontact Binary V1128 Tau**  
Latkovic O., Caliskan S., Djurasevic G., Oezavci İ., Bastuerk O., Cseki A., Senavci H. V., KILIÇOĞLU T., YILMAZ M., SELAM S. O.  
Conference on Living Together: Planets, Host Stars and Binaries, Litomyšl, Czech Republic, 8 - 12 September 2014, vol.496, pp.215-216

- XIX. **Evolution of the Chemical Element Abundances with Age in Open Clusters: Hyades, Pleiades, Coma Berenices and M6**  
KILIÇOĞLU T., MONIER R., GEHRAN M., FOSSATI L.  
French Society of Astronomy and Astrophysics 2014 (SF2A2014), Paris, France, 3 - 06 June 2014
- XX. **Elemental abundance analysis of the early-type members of the open cluster M6: Preliminary results**  
KILIÇOĞLU T., Monier R., Fossati L.  
International Conference on Putting A Stars into Context - Evolution, Environment, and Related Stars, Moscow, Russia, 3 - 07 June 2013, pp.28-33
- XXI. **Chemical Abundance Determination of Early Type Giant Stars**  
AVCI Z., NASOLO Y., ÇALIŞKAN TÜRKSOY Ş., KILIÇOĞLU T., ELMASLI AKÇAR A., ALBAYRAK B.  
Dig Sites of Stellar Archeology: Giant Stars in the Milky Way, 4 - 06 September 2013
- XXII. **Spectral Analysis of a Newly Discovered HgMn Star: HD 318126**  
KILIÇOĞLU T., MONIER R., FOSSATI L., ALBAYRAK B.  
Dig Sites of Stellar Archeology: Giant Stars in the Milky Way, İzmir, Turkey, 4 - 06 September 2013
- XXIII. **Rotational Velocity Distribution of A Stars Searching for Intrinsic Slowly Rotating Normal A0 A1 Stars**  
ROYER F., GEHRAN M., MONIER R., CARATY Y., KILIÇOĞLU T., PINTADO O., ADELMAN S., SMALLEY B., REINERS A., HILL G., et al.  
French Society of Astronomy and Astrophysics (SF2A), 2012, Nice, France, 5 - 08 June 2012, vol.1, pp.389-398
- XXIV. **Abundance analysis of B, A and F dwarfs in the M6 open cluster: Spectrum synthesis method**  
KILIÇOĞLU T., MONIER R., FOSSATI L.  
French Society of Astronomy and Astrophysics (SF2A), Nice, France, 5 - 08 June 2012, pp.351-353
- XXV. **Detection of a new Phosphorus rich star in the open cluster M6**  
KILIÇOĞLU T., MONIER R., FOSSATI L.  
French Society of Astronomy and Astrophysics (SF2A), Nice, France, 5 - 08 June 2012, pp.355-356
- XXVI. **M6 Açık Kümesi Üyesi Yıldızların GIRAFFE Tayfçekerisiyle Gerçekleştirilen Tayfsal Analizleri: İlk Sonuçlar**  
KILIÇOĞLU T., MONIER R., FOSSATI L., ALBAYRAK B.  
XVII. Ulusal Astronomi Kongresi, Adana, Turkey, 31 August - 04 September 2010, pp.303-310
- XXVII. **Chemical abundances of A type dwarfs in the young open cluster M6**  
KILIÇOĞLU T., MONIER R., FOSSATI L.  
French Society of Astronomy and Astrophysics (SF2A), Paris, France, 20 - 23 June 2011, pp.307-310
- XXVIII. **Spectral analysis of A and F dwarf members of the open cluster M6 preliminary results**  
KILIÇOĞLU T., MONIER R., FOSSATI L.  
French Society of Astronomy and Astrophysics (SF2A), 21 - 24 July 2010, pp.359-360
- XXIX. **Üç Örtün Çift Yıldız Sisteminin Dönem Değişimi U Coronae Borealis DI Pegasi ve AH Virgo**  
ÇALIŞKAN TÜRKSOY Ş., TANRIVERDİ T., ELMASLI AKÇAR A., KILIÇOĞLU T., ALBAYRAK B., SELAM S. O.  
XVI. Ulusal Astronomi Kongresi, Çanakkale, Turkey, 8 - 12 September 2008, vol.1, pp.171-184
- XXX. **20 CVn Yıldızının Kimyasal Bolluk Analizi**  
KILIÇOĞLU T., YÜCE K.  
XVI. Ulusal Astronomi Kongresi, Çanakkale, Turkey, 08 September 2008, pp.1131-1144
- XXXI. **A preliminary analysis of the F3 III star 20 CVn**  
KILIÇOĞLU T., YÜCE K., ADELMAN S. J.  
Non-LTE Line Formation for Trace Elements in Stellar Atmospheres, Nice, France, 30 July - 04 August 2007

## Other Publications

1. "Kutup Yıldızı Hakkında Herşey", TÜBİTAK Bilim ve Teknik, sayı: 464, s. 76-77 (Temmuz 2006)  
Yüce K., Kılıçoğlu T.  
Other, pp.76-77, 2006



## Supported Projects

Elmaslı Akçar A., Özuyar D., Kılıçoğlu T., TÜBİTAK Project, Investigation of Spectral and Photometric Variations in Early-Herbig Be Stars, 2024 - 2027

Yılmaz A. E., Selam S. O., Şenavcı H. V., Yılmaz M., Kılıçoğlu T., Özavcı I., Project Supported by Other Private Institutions, YAKUD (Close Space Situational Awareness) Project – OPTICAL SUBSYSTEM INTEGRATION - ASELSAN, 2022 - 2023

Yılmaz M., Selam S. O., Şenavcı H. V., Baştürk Ö., Kılıçoğlu T., Project Supported by Higher Education Institutions, Investigation of Orbital Parameters of Stars, Their Chemical Abundances, and the Nature of Magnetic Activity - 18A0759001, 2018 - 2021

Kılıçoğlu T., Aydın M., TÜBİTAK Project, Investigation of the Chemical Composition of the Photospheres of Double-lined Detached Spectroscopic Binary Stars, 2019 - 2020

Selam S. O., Kılıçoğlu T., Baştürk Ö., Yılmaz M., Şenavcı H. V., Project Supported by Other Private Institutions, INVESTIGATION OF STAR TRACKER NAVIGATION SYSTEMS - ROKETSAN, 2017 - 2017

Albayrak B., Elmaslı Akçar A., Çalışkan Türksoy Ş., Kılıçoğlu T., TÜBİTAK Project, Atmospheric Chemical Abundance Analysis of Stars, 2012 - 2015

Albayrak B., Selam S. O., Yüce K., Demircan Y., Okan A., Tanrıverdi T., Elmaslı A., Şenavcı H. V., Kılıçoğlu T., TÜBİTAK Project, Popular and Educational Astronomy Activities in the Ankara University Observatory - 107B074, 2007 - 2008

## Activities in Scientific Journals

Turkish Journal of Astronomy and Astrophysics, Committee Member, 2024 - Continues

## Peer Reviews in Scientific Publications

Physics and Astronomy Reports, National Scientific Refreed Journal, October 2023

## Scientific Project Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, October 2022

## Metrics

Publication: 62

Citation (WoS): 174

Citation (Scopus): 181

H-Index (WoS): 10

H-Index (Scopus): 11

## Congress and Symposium Activities

Galactic Astronomy Workshop, Invited Speaker, İstanbul, Turkey, 2019

Radiative Signatures from the Cosmos: A meeting in honor of Ivan Hubeny, Attendee, Paris, France, 2018

Imaging of Stellar Surfaces, Attendee, Munich, Germany, 2018

The 20th National Astronomy Congress, Attendee, Erzurum, Turkey, 2016

Dig Sites of Stellar Archeology: Giant Stars in the Milky Way, Attendee, İzmir, Turkey, 2013

Putting A Stars into Context: Evolution, Environment, and Related Stars, Attendee, Moskva, Russia, 2013

French Society of Astronomy and Astrophysics 2012 (SF2A2012), Attendee, Nice, France, 2012



The 17th National Astronomy Congress, Attendee, Adana, Turkey, 2010

The 16th National Astronomy Congress, Attendee, Çanakkale, Turkey, 2008

IRAF and Spectral Reduction, Audience, İstanbul, Turkey, 2008

Non-Lte Line Formation For Trace Elements in Stellar Atmospheres, Attendee, Nice, France, 2007

## **Scholarships**

2214 - International Research Grant Program (for PhD Students), TUBITAK, 2011 - 2012

Erasmus Student Placements - Abundance Analysis of Stars in Open Clusters, Other International Organizations, 2010 - 2010

## **Awards**

Kılıçoğlu T., Amateur Astrophotography Contest, Optronik / Türk Astronomi Derneği, April 2010