

Dr. Öğr. Üyesi Aslı KUŞOĞLU

Kişisel Bilgiler

İş Telefonu: [+90 212 455 5700](tel:+902124555700) Dahili: 15477

Fax Telefonu: [+90 212 455 5855](tel:+902124555855)

E-posta: kusoglu@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/kusoglu/>

Posta Adresi: İstanbul Üniversitesi Fen Fakültesi Fizik Bölümü 34134 Vezneciler- İstanbul/Türkiye

Uluslararası Araştırmacı ID'leri

ScholarID: -gKmkGQAAAAJ

ORCID: 0000-0003-4782-5563

Publons / Web Of Science ResearcherID: AAC-5783-2020

ScopusID: 37098905200

Yoksis Araştırmacı ID: 175746

Eğitim Bilgileri

Doktora, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 2010 - 2016

Yüksek Lisans, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, Türkiye 2006 - 2010

Lisans Çift Anadal, İstanbul Üniversitesi, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, Türkiye 2003 - 2007

Lisans, İstanbul Üniversitesi, Fen Fakültesi, Fizik, Türkiye 2002 - 2006

Yabancı Diller

Fransızca, A1 Başlangıç

İngilizce, C1 İleri

Sertifika, Kurs ve Eğitimler

Güvenlik, Risque Radioprotection, Centre national de la recherche scientifique(CNRS), 2013

İş Sağlığı ve Güvenliği, Tronc commun, Centre national de la recherche scientifique(CNRS), 2013

Yabancı Dil, FRANCAIS LANGUE ETRANGERE - cours extensifs niveau grand débutant, Centre national de la recherche scientifique(CNRS), 2012

Yabancı Dil, COURS de FRANCAIS pour ADULTES ETRANGERS, A.L.F.A.P., 2012

Yabancı Dil, Genel İngilizce, DILKO English, 2011

Yaptığı Tezler

Doktora, Egzotik Çekirdeklere Uyarılmış Seviye Ömürleri ve Nükleer Momentler, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı/Nükleer Fizik, 2016

Yüksek Lisans, Spin-Yörünge Potansiyelinin Valans Nükleon Sayısı ile Değişimi, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Anabilim Dalı, 2010

Araştırma Alanları

Fizik, Nükleer Fizik, Genel Nükleer Tepkimeler, Kütle aralıklarına göre özel çekirdeklerin özellikleri, Nükleer yapı, Parçacık fiziği ve nükleer fizikte deneysel yöntemler ve enstrümantasyon, Temel Bilimler

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, İstanbul Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2020 - Devam Ediyor

Araştırma Görevlisi Dr., İstanbul Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2016 - 2020

Diğer, Horia Hulubei National Institute of Physics and Nuclear Engineering, Extreme Light Infrastructure-Nuclear Physics, High-Brilliance Gamma Beam, 2016 - 2017

Araştırma Görevlisi, İstanbul Üniversitesi, Fen Fakültesi, Fizik Bölümü, 2008 - 2016

Öğrenci, Université Paris-Sud: Paris XI, Centre De Sciences Nucléaires Et De Sciences De La Matière, Structure De Noyau, 2012 - 2013

Akademik İdari Deneyim

Verdiği Dersler

Experimental Nuclear Physics, Yüksek Lisans, 2021 - 2022

General Physics II, Lisans, 2020 - 2021

Statistical Methods In Physics, Lisans, 2020 - 2021

Physics Laboratory II - Electricity and Magnetism, Lisans, 2021 - 2022

General Physics I, Lisans, 2021 - 2022

İleri Fizik Uygulamaları I, Lisans, 2021 - 2022

General Physics I, Lisans, 2020 - 2021

İleri Fizik Uygulamaları I, Lisans, 2020 - 2021

Algorithm and Introduction to Computer Programming, Lisans, 2020 - 2021

Fizik II Lab., Lisans, 2019 - 2020, 2014 - 2015

Computer III, Lisans, 2019 - 2020

Quantum Physics II, Lisans, 2018 - 2019

Fizik III Lab., Lisans, 2018 - 2019, 2017 - 2018

Calculus I (Application), Lisans, 2019 - 2020

Calculus II (Application), Lisans, 2018 - 2019

Bilgisayar Programlama II (Application), Lisans, 2018 - 2019

Calculus I (Application), Lisans, 2019 - 2020

Fizikte Matematik Metotlar(Uygulama), Lisans, 2018 - 2019

Fizik I (Uygulama), Lisans, 2018 - 2019

Fizik I Lab., Lisans, 2017 - 2018, 2013 - 2014

Veri Tabanı Uygulamaları, Lisans, 2017 - 2018, 2014 - 2015

Fizik I (Uygulama), Lisans, 2018 - 2019, 2015 - 2016

Klasik Teorik Mekanik (Uygulama), Lisans, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015

Analiz II (Uygulama), Lisans, 2017 - 2018

Kuantum Fiziği I (Uygulama), Lisans, 2017 - 2018, 2011 - 2012

Fizik II (Uygulama), Lisans, 2015 - 2016

Fizik III Laboratuvarı, Lisans, 2015 - 2016

Elektronik I Lab., Lisans, 2015 - 2016, 2014 - 2015, 2008 - 2009

Klasik Teorik Mekanik (Uygulama) (İ.Ö.), Lisans, 2015 - 2016, 2014 - 2015

Çekirdek Fiziği Uygulamaları, Lisans, 2014 - 2015, 2013 - 2014

Fizik II Uygulama (İ.Ö.), Lisans, 2011 - 2012

Atom ve Molekül Fiziği Lab., Lisans, 2011 - 2012
Fizik I Lab, Lisans, 2011 - 2012
Fizik III Lab., Lisans, 2011 - 2012
Kuantum Fiziği I Uygulama (İ.Ö), Lisans, 2011 - 2012
Bilgisayar Programlama II Uygulamaları, Lisans, 2010 - 2011
Çekirdek Fiziği Uygulamaları, Lisans, 2010 - 2011, 2009 - 2010
Bilgisayar Programlama II (Uygulama), Lisans, 2009 - 2010, 2008 - 2009
Bilgisayar Programlama I (Uygulama), Lisans, 2010 - 2011, 2009 - 2010
Radyasyon ve Sağlık Fiziği Uygulama, Lisans, 2009 - 2010
Fizik II Lab., Lisans, 2010 - 2011
Genel Fizik Lab., Lisans, 2009 - 2010

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **The amazing world of light nuclei**
Kuşoğlu A.
SCIENCE BULLETIN, cilt.1, sa.1, ss.1-3, 2024 (SCI-Expanded)
- II. **Direct Observation of Competing M1 and M3 Transitions in B 10**
KUŞOĞLU A., Balabanski D., Hu R., Fan S., Xu F., Constantin P., Söderström P., Cuciuc M., Aogaki S., Ban R., et al.
Physical Review Letters, cilt.133, sa.7, 2024 (SCI-Expanded)
- III. **High-Precision Spectroscopy of ^{20}O Benchmarking *Ab Initio* Calculations in Light Nuclei**
Zanon I., Clément E., Goasduff A., Menéndez J., Miyagi T., Assié M., Ciemała M., Flavigny F., Lemasson A., Matta A., et al.
PHYSICAL REVIEW LETTERS, cilt.131, sa.26, 2023 (SCI-Expanded)
- IV. **A setup for high-energy γ -ray spectroscopy with the ELI-NP large-volume $\text{LaBr}_3\text{:Ce}$ and CeBr_3 detectors at the 9 MV Tandem accelerator at IFIN-HH**
Aogaki S., Balabanski D. L., Borcea R., Constantin P., Costache C., Cuciuc M., KUŞOĞLU A., Mihai C., Mihai R. E., Stan L., et al.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION A-ACCELERATORS SPECTROMETERS DETECTORS AND ASSOCIATED EQUIPMENT, cilt.1056, 2023 (SCI-Expanded)
- V. **PANDORA Project for the study of photonuclear reactions below $A=60$**
Tamii A., Pellegri L., Soderstrom P. -, Allard D., Goriely S., Inakura T., Khan E., Kido E., Kimura M., Litvinova E., et al.
EUROPEAN PHYSICAL JOURNAL A, cilt.59, sa.9, 2023 (SCI-Expanded)
- VI. **Prospect for measurements of $(\langle i \rangle?, \langle i \rangle, n)$ reaction cross-sections of $\langle i \rangle p\langle /i \rangle$ -nuclei at ELI-NP**
Soderstrom P. -, Kusoglu A., Testov D.
FRONTIERS IN ASTRONOMY AND SPACE SCIENCES, 2023 (SCI-Expanded)
- VII. **First in-beam experiment with the ELIADe detectors: a spectroscopic study of La-130**
Capponi L., Kusoglu A., Soderstrom P., Balabanski D. L., Turturica G., Bocchi G., Chesnevskaya S., Dhal A., Dinescu D., Djourelou N., et al.
JOURNAL OF INSTRUMENTATION, cilt.16, sa.12, 2021 (SCI-Expanded)
- VIII. **Comment on "g Factor of the $\text{Zr-99}(7/2(+))$ Isomer: Monopole Evolution in the Shape-Coexisting Region" Reply**
Boulay F., Simpson G. S., Ichikawa Y., Kisyov S., Bucurescu D., Takamine A., Ahn D. S., Asahi K., Baba H., Balabanski D. L., et al.
PHYSICAL REVIEW LETTERS, cilt.127, sa.16, 2021 (SCI-Expanded)
- IX. **g Factor of the $\text{Zr-99}(7/2(+))$ Isomer: Monopole Evolution in the Shape-Coexisting Region**
Boulay F., Simpson G. S., Ichikawa Y., Kisyov S., Bucurescu D., Takamine A., Ahn D. S., Asahi K., Baba H., Balabanski D. L., et al.
PHYSICAL REVIEW LETTERS, cilt.124, sa.11, 2020 (SCI-Expanded)

- X. **Evidence of octupole-phonons at high spin in Pb-207**
Ralet D., CLEMENT E., Georgiev G., Stuchbery A. E., REJMUND M., VAN ISACKER R., DE FRANCE G., LEMASSON A., Ljungvall J., Michelagnoli C., et al.
PHYSICS LETTERS B, cilt.797, 2019 (SCI-Expanded)
- XI. **B(E2) anomalies in the yrast band of Os-170**
Goasduff A., Ljungvall J., RODRIGUEZ T. R., GARROTE F. L. B., ETILE A., Georgiev G., GIACOPPO F., Grente L., KLINTEFJORD M., Kusoglu A., et al.
PHYSICAL REVIEW C, cilt.100, sa.3, 2019 (SCI-Expanded)
- XII. **Inclusive cross sections for one- and multi-nucleon removal from Sn, Sb, and Te projectiles beyond the N=82 shell closure**
VAQUERO V., JUNGCLAUS A., RODRIGUEZ-SANCHEZ J. L., Tostevin J. A., DOORNENBAL R., WIMMER K., CHEN S., NACHER E., SAHIN E., SHIGA Y., et al.
PHYSICS LETTERS B, cilt.795, ss.356-361, 2019 (SCI-Expanded)
- XIII. **Interplay between nuclear shell evolution and shape deformation revealed by the magnetic moment of Cu-75**
ICHIKAWA Y., NISHIBATA H., Tsunoda Y., Takamine A., Imamura K., Fujita T., Sato T., Momiyama S., Shimizu Y., AHN D. S., et al.
NATURE PHYSICS, cilt.15, sa.4, ss.321-327, 2019 (SCI-Expanded)
- XIV. **HIGH-RESOLUTION GAMMA-RAY SPECTROSCOPY WITH ELIADE AT THE EXTREME LIGHT INFRASTRUCTURE**
SODERSTROM P., Suliman G., UR C. A., BALABANSKI D., BECK T., Capponi L., Dhal A., IANCU V., Ilie S., IOVEA M., et al.
ACTA PHYSICA POLONICA B, cilt.50, sa.3, ss.329-338, 2019 (SCI-Expanded)
- XV. **In-beam gamma-ray spectroscopy of Te-136 at relativistic energies**
VAQUERO V., JUNGCLAUS A., DOORNENBAL P., WIMMER K., MORO A. M., Ogata K., FURUMOTO T., CHEN S., NACHER E., SAHIN E., et al.
PHYSICAL REVIEW C, cilt.99, sa.3, 2019 (SCI-Expanded)
- XVI. **In-beam gamma-ray spectroscopy of the neutron-rich platinum isotope Pt-200 toward the N=126 shell gap**
John P. R., Valiente-Dobon J. J., Mengoni D., Modamio V., Lunardi S., Bazzacco D., Gadea A., Wheldon C., Rodriguez T. R., Alexander T., et al.
PHYSICAL REVIEW C, cilt.95, sa.6, 2017 (SCI-Expanded)
- XVII. **Gamma Decay of Unbound Neutron-Hole States in Sn-133**
VAQUERO V., JUNGCLAUS A., DOORNENBAL P., WIMMER K., GARGANO A., Tostevin J. A., CHEN S., NACHER E., SAHIN E., SHIGA Y., et al.
PHYSICAL REVIEW LETTERS, cilt.118, sa.20, 2017 (SCI-Expanded)
- XVIII. **Toward lifetime and g factor measurements of short-lived states in the vicinity of Pb-208**
Ralet D., Georgiev G., Stuchbery A. E., CLEMENT E., LEMASSON A., Michelagnoli C., REJMUND M., Atanasova L., BALABANSKI D. L., BOCCHI G., et al.
PHYSICA SCRIPTA, cilt.92, sa.5, 2017 (SCI-Expanded)
- XIX. **Lifetime measurements in Ru-100**
KONSTANTINOPOULOS T., PETKOV P., Goasduff A., ARICI T., ASTIER A., Atanasova L., AXIOTIS M., BONATSOS D., Detistov P., Dewald A., et al.
PHYSICAL REVIEW C, cilt.95, sa.1, 2017 (SCI-Expanded)
- XX. **Magnetic moment of the 13/2(+) isomeric state in Cu-69: Spin alignment in the one-nucleon removal reaction**
KUSOGLU A., GEORGIEV G., SOTTY C., BALABANSKI D. L., GOASDUFF A., ISHII Y., ABE Y., ASAHII K., Bostan M., CHEVRIER R., et al.
PHYSICAL REVIEW C, cilt.93, sa.5, 2016 (SCI-Expanded)
- XXI. **Shell evolution beyond N=40: Cu-69, Cu-71, Cu-73**
SAHIN E., DONCEL M., SIEJA K., DE ANGELIS G., GADEA A., QUINTANA B., GORGEN A., MODAMIO V., MENGONI D., VALIENTE-DOBON J. J., et al.

- PHYSICAL REVIEW C, cilt.91, sa.3, 2015 (SCI-Expanded)
- XXII. **Magnetism of an Excited Self-Conjugate Nucleus: Precise Measurement of the g Factor of the 2(1) (+) State in Mg-24**
KUSOGLU A., Stuchbery A. E., GEORGIEV G., Brown B. A., GOASDUFF A., ATANASOVA L., BALABANSKI D. L., Bostan M., DANCHEV M., Detistov P., et al.
PHYSICAL REVIEW LETTERS, cilt.114, sa.6, 2015 (SCI-Expanded)
- XXIII. **Shape evolution in the neutron-rich osmium isotopes: Prompt gamma-ray spectroscopy of Os-196**
JOHN P. R., Modamio V., VALIENTE-DOBON J. J., Mengoni D., Lunardi S., RODRIGUEZ T. R., Bazzacco D., Gadea A., Wheldon C., Alexander T., et al.
PHYSICAL REVIEW C, cilt.90, sa.2, 2014 (SCI-Expanded)
- XXIV. **Tilted foils polarization at REX-ISOLDE**
Tornqvist H., Sotty C., Balabanski D., Dhal A., Georgiev G., Hass M., Heinz A., Hirayama Y., Imai N., Johansson H., et al.
NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH SECTION B-BEAM INTERACTIONS WITH MATERIALS AND ATOMS, cilt.317, ss.685-688, 2013 (SCI-Expanded)
- XXV. **Collective nature of low-lying excitations in Zn-70,Zn-72,Zn-74 from lifetime measurements using the AGATA spectrometer demonstrator**
Louchart C., Obertelli A., Goergen A., Korten W., Bazzacco D., Birkenbach B., Bruyneel B., Clément E., Coleman-Smith P. J., Corradi L., et al.
PHYSICAL REVIEW C, cilt.87, sa.5, 2013 (SCI-Expanded)
- XXVI. **LIFETIME MEASUREMENTS IN NEUTRON-RICH Cu ISOTOPES**
Doncel M., Sahin E., Gadea A., de Angelis G., Quintana B., Valiente-Dobon J. J., Modamio V., Albers M., Bazzacco D., Clement E., et al.
ACTA PHYSICA POLONICA B, cilt.44, sa.3, ss.505-510, 2013 (SCI-Expanded)
- XXVII. **Structure of the N=50 As, Ge, Ga nuclei**
SAHIN E., DE ANGELIS G., DUCHENE G., FAUL T., GADEA A., Lisetskiy A. F., ACKERMANN D., ALGORA A., Aydin S., AZAIEZ F., et al.
NUCLEAR PHYSICS A, cilt.893, ss.1-12, 2012 (SCI-Expanded)
- XXVIII. **Gamma-ray fast-timing coincidence measurements from the O-18+O-18 fusion-evaporation reaction using a mixed LaBr3-HPGe array**
Alharbi T., Mason P. J. R., Regan P. H., Podolyak Z., Marginean N., Nakhostin M., Bowry M., Bucurescu D., Cata-Danil G., Cata-Danil I., et al.
APPLIED RADIATION AND ISOTOPES, cilt.70, sa.7, ss.1337-1339, 2012 (SCI-Expanded)
- XXIX. **Half-life of the I-pi=4(-) intruder state in P-34: M2 transition strengths approaching the island of inversion**
Mason P. J. R., Alharbi T., Regan P. H., Marginean N., Podolyak Z., Simpson E. C., Alkhomashi N., Bender P. C., Bowry M., Bostan M., et al.
PHYSICAL REVIEW C, cilt.85, sa.6, 2012 (SCI-Expanded)
- XXX. **Discovery of a new isomeric state in Ni-68: Evidence for a highly deformed proton intruder state**
Dijon A., Clément E., de France G., de Angelis G., Duchene G., Dudouet J., Franchoo S., Gadea A., Gottardo A., Hueyuek T., et al.
PHYSICAL REVIEW C, cilt.85, sa.3, 2012 (SCI-Expanded)
- XXXI. **THE EFFECT OF VALENCE NEUTRONS ON SPIN-ORBIT SPLITTING**
Kusoglu A., Bostan M., Erduran M. N.
ACTA PHYSICA POLONICA B, cilt.42, ss.497-503, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Impact of 13C Contamination on Neutron Yield Measurement in the 27Al(α , n) Reaction**
Roy R., Choudhury D., Testov D., Balabanski D., Kuşoğlu A., Lorusso G., Söderström P., Aogaki S.
EPJ WEB OF CONFERENCES, cilt.297, sa.02007, ss.1-3, 2024 (Hakemli Dergi)

- II. **Extra yield in hot Ni isotopes below the Giant Dipole Resonance**
 Wieland O., Bracco A., Camera F., Aogaki S., Balabanski D. L., Boicu E., Borcea R., Boromiza M., Burducea I., Calinescu S., et al.
 NUOVO CIMENTO C-COLLOQUIA AND COMMUNICATIONS IN PHYSICS, sa.2, 2024 (ESCI)
- III. **Ground-breaking developments in 10B with inelastic proton scattering**
 KUŞOĞLU A., Constantin P., Soderstrom P. -, Balabanski D. L., Cuciuc M., Aogaki S., Ban R. S., Borcea R., Corbu R., Costache C., et al.
 NUOVO CIMENTO C-COLLOQUIA AND COMMUNICATIONS IN PHYSICS, sa.2, 2024 (ESCI)
- IV. **From implementation to operation and the first measurements with the ELIGANT detectors from ELI-NP**
 Soderstrom P. A., KUŞOĞLU A., Balabanski D. L., Brezeanu M., Choudhury D., Gavrilescu A., Gutoiu R. A., Ioannidis S., Lorusso G., Markova M., et al.
 NUOVO CIMENTO C-COLLOQUIA AND COMMUNICATIONS IN PHYSICS, sa.2, 2024 (ESCI)
- V. **Renewed Interest in Spectroscopy of the Lightest Doubly-Odd ${}^A_ZN = {}^A_ZZ$ Nuclei**
 Kusoglu A., Balabanski D. L.
 QUANTUM BEAM SCIENCE, cilt.7, sa.3, 2023 (ESCI)
- VI. **Preparation of a joint experimental campaign using ELI-NP detectors at ROSPHERE at IFIN-HH**
 Aogaki S., Balabanski D. L., Borcea R., Ciocan G., Constantin P., Costache C., Cuciuc M., Filipescu D., Kuşoğlu A., Mărginean N., et al.
 ELI-NP Annual Report 2020-2021, sa.2021, ss.161-166, 2022 (Hakemsiz Dergi)
- VII. **Investigation of magnetic moments in Coulomb fission**
 Hafner G., Lozeva R., Si M., Ichikawa Y., Ueno H., Ahn D., Asahi K., Asakawa T., Baba H., Esmaylzadeh A., et al.
 RIKEN Accelerator Progress Report, cilt.54, ss.29, 2021 (Hakemli Dergi)
- VIII. **Study of 200 via a DSAM lifetime measurement**
 Zanon I., Clément E., Goasduff A., Ciemala M., Flavigny F., Lemasson A., Matta A., Ramos D., Achouri L., Ackermann D., et al.
 LNL INFN Annual Report 2020, cilt.262, sa.31, ss.31-32, 2021 (Hakemli Dergi)
- IX. **Inclusive cross sections for one- and multi-nucleon removal from Sn, Sb, and Te projectiles beyond the N=82 shell closure**
 Vaquero V., Jungclaus A., Rodriguez-Sanchez J., Tostevin J., Doornenbal P., Wimmer K., Kuşoğlu A.
 RIKEN Accelerator Progress Report, cilt.53, sa.4, ss.4, 2020 (Hakemli Dergi)
- X. **Magnetic-moment measurement of the isomeric state of 130Sn in the vicinity of the doubly-magic nucleus 132Sn**
 Georgiev G., Ichikawa Y., Ahn D., Asakawa T., Asahi K., Baba H., Doi K., Fukuda N., Kuşoğlu A.
 RIKEN Accelerator Progress Report, cilt.53, sa.47, ss.47, 2020 (Hakemli Dergi)
- XI. **Investigation of magnetic moments and spin alignment in Coulomb fission reaction**
 Lozeva R., Hafner G., Si M., Ichikawa Y., Ueno H., Ahn D., Asahi K., Asakawa T., Baba H., Esmaylzadeh A., et al.
 RIKEN Accelerator Progress Report, cilt.53, sa.46, ss.46, 2020 (Hakemli Dergi)
- XII. **In-beam gamma-ray spectroscopy of 136Te at relativistic energies**
 Vaquero V., Jungclaus A., Doornenbal P., Wimmer K., Moro A., Ogata K., Furumoto T., Kuşoğlu A.
 RIKEN Accelerator Progress Report, cilt.53, sa.37, ss.37, 2020 (Hakemli Dergi)
- XIII. **TDPAD measurement for the 10- isomer of 88Y**
 Daugas J., Boulay F., Ichikawa Y., Takamine A., Ahn D., Asahi K., Baba H., Kuşoğlu A.
 RIKEN Accelerator Progress Report, cilt.53, sa.45, ss.45, 2020 (Hakemli Dergi)
- XIV. **g-Factor of the 99Zr isomer: monopole evolution in the shape-coexisting region**
 Boulay F., Simpson G., Ichikawa Y., Kisyov S., Bucurescu D., Takamine A., Ahn D., Kuşoğlu A.
 RIKEN Accelerator Progress Report, cilt.53, sa.5, ss.5, 2020 (Hakemli Dergi)
- XV. **Magnetic moment of the isomeric state of 75 Cu measured with a highly spin-aligned beam**
 Ichikawa Y., Nishibata H., Tsunoda Y., Takamine A., Imamura K., Fujita T., Sato T., Momiyama S., Shimizu Y., Ahn D., et al.
 JPS Conference Proceedings, cilt.32, ss.1-4, 2020 (Hakemli Dergi)

- XVI. **Modelling hyperfine interactions for nuclear g-factor measurements**
McCormick B., Stuchbery A., Goasduff A., Kuşoğlu A., Georgiev G.
EPJ Web of Conferences, cilt.232, sa.4009, ss.1-6, 2020 (Hakemli Dergi)
- XVII. **Magnetic-moment measurement of the isomeric state of ^{130}Sn in the vicinity of doubly-magic nucleus ^{132}Sn**
Georgiev G., ICHIKAWA Y., Ahn D., Asakawa T., ASAHI K., Baba H., Doi K., Fukuda N., Gladkov A., Gray T., et al.
RIKEN Accelerator Progress Report, cilt.52, ss.46, 2019 (Hakemli Dergi)
- XVIII. **Photonuclear spectroscopy with the ELIADÉ array at ELI-NP**
Soderstrom P. -, Suliman G., Ur C. A., Balabanski D., Capponi L., Dhal A., Iancu V., Ilie S., Kusoglu A., Petcu C., et al.
NUOVO CIMENTO C-COLLOQUIA AND COMMUNICATIONS IN PHYSICS, cilt.42, 2019 (ESCI)
- XIX. **Single-particle states and collective modes: magnetic moment of ^{75}mCu**
ICHIKAWA Y., NISHIBATA H., Tsunoda Y., Takamine A., Imamura K., Fujita T., Sato T., Momiyama S., Shimizu Y., AHN D. S., et al.
RIKEN Accelerator Progress Report, cilt.51, ss.67, 2018 (Hakemli Dergi)
- XX. **Competition between shape and shell in ^{75}Cu clarified by the novel magnetic moment measurement**
Ichikawa Y., Nishibata H., Takamine A., Imamura K., Fujita T., Sato T., Momiyama S., Shimizu Y., Ahn D., Asahi K., et al.
RIKEN Accelerator Progress Report, cilt.50, ss.60, 2017 (Hakemli Dergi)
- XXI. **Magnetic moment of the $13/2^+$ isomeric state in ^{69}Cu : Spin alignment in a single-nucleon removal reaction**
Kuşoğlu A., Georgiev G., Sotty C., Balabanski D. L., Goasduff A., Ishii Y., Abe Y., Asahi K., Bostan İ. M., Chevrier R., et al.
RIKEN Accelerator Progress Report, cilt.50, ss.72, 2017 (Hakemli Dergi)
- XXII. **Magnetic moment measurement of isomeric state in ^{99}Zr and characterization of abration-fission mechanism**
Boulay F., Daugas J. M., Simpson G., Ichikawa Y., Takamine A., Ahn D., Asahi K., Baba H., Balabanski D. L., Agami T., et al.
RIKEN Accelerator Progress Report, cilt.49, ss.54, 2016 (Hakemli Dergi)
- XXIII. **Magnetic moment measurement of isomeric state in ^{75}Cu**
Ichikawa Y., Takamine A., Nishibata H., Imamura K., Fujita T., Sato T., Momiyama S., Shimizu Y., Ahn D., Asahi K., et al.
RIKEN Accelerator Progress Report, cilt.49, ss.4, 2016 (Hakemli Dergi)
- XXIV. **Search for Isomers in the neutron-rich Pt-Os-W Region**
John P. R., Modamio V., Valiente-Dobon J., Mengoni D., Lunardi S., Alexander T., Angelis G. D., Ashwood N., Barr M., Bazzacco D., et al.
LNL Annual Report 2012, cilt.239, ss.20-22, 2013 (Hakemli Dergi)
- XXV. **Gamma Spectroscopy on the Neutron-Rich Osmium Isotopes**
John P. R., Modamio V., Valiente-Dobon J., Mengoni D., Lunardi S., Alexander T., Angelis G. d., Ashwood N., Barr M., Bazzacco D., et al.
LNL Annual Report 2011, cilt.238, ss.15, 2012 (Hakemli Dergi)
- XXVI. **First Campaign with the AGATA Demonstrator at LNL: Lifetime of Excited States in ^{72}Zn and ^{74}Zn**
Louchart C., Gorgen A., Obertelli A., Korten W., Sahin E., Doncel M., Bazzacco D., Clément E., Corradi L., Angelis G. D., et al.
LNL Annual Report 2010, cilt.234, ss.3, 2011 (Hakemli Dergi)
- XXVII. **Lifetime Measurement in Neutron-rich Cu Isotopes**
Doncel M., Sahin E., Gorgen A., Gadea A., Angelis G. d., Quintana B., Valiente-Dobon J., Louchart C., Korten W., Albers M., et al.
LNL Annual Report 2010, cilt.234, ss.5, 2011 (Hakemli Dergi)
- XXVIII. **Study of neutron-rich nuclei around $N=50$ toward ^{78}Ni : gamma-gamma thick target experiment with the $^{82}\text{Se} + ^{238}\text{U}$ reaction**
Sahin E., Angelis G. D., Gadea A., Ur C., Valiente-Dobon J., Aydin S., Bazzacco D., Bostan İ. M., Didierjean F., Erduran M., et al.
LNL Annual Report 2009, sa.230, ss.10, 2010 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Measurement of gamma-ray decay from photonuclear excitation to understand the energy loss process of ultra-high energy cosmic rays (PANDORA project)**
Guo W., Tamii A., Ota S., Kobayashi N., Tanaka J., Inoue A., Murata M., Furukawa F., Iwasaki R., Shibakita H., et al.
The Physical Society of Japan 2024 Annual Meeting, Sapporo, Japonya, 16 - 19 Eylül 2024, ss.20
- II. **Understanding better the PDR strength through (d,p γ) reactions: N=28 and 50 nuclei**
Kuşoğlu A.
International Symposium on Nuclear Science, Hotel Astoria, Sofija, Bulgaristan, 9 - 13 Eylül 2024, ss.50
- III. **Pilot experiments with an array of large-volume LaBr₃:Ce and CeBr₃ scintillators with anti-compton shields**
Kuşoğlu A.
Turkish Physical Society 40th International Physics Congress, Muğla, Türkiye, 2 - 06 Eylül 2024, ss.47-48
- IV. **Gamma above the neutron threshold perspectives at ELI-NP**
Söderström P., Kuşoğlu A., Gavrilescu A., Gutoiu R., Balabanski D.
The 57th Zakopane Conference on Nuclear Physics in the series of Zakopane School of Physics "Extremes of the Nuclear Landscape, Krakow, Polonya, 25 Ağustos - 01 Eylül 2024, ss.126
- V. **γ -ray spectroscopic study of self-conjugate 10B nucleus with inelastic proton scattering**
Kuşoğlu A., Balabanski D., Aogaki S., Constantin P., Cuciuc M., Fan S., Hu R., Pai H., Söderström P., Testov D., et al.
State of the Art in Nuclear Cluster Physics (SOTANCP5), Split, Hırvatistan, 10 - 14 Haziran 2024, ss.34
- VI. **On the path to gamma-beam experiments: Activities with the ELIGANT setups from ELI-NP**
Söderström P., Kuşoğlu A., Gavrilescu A., Brezeanu M., Gutoiu R., Balabanski D.
9th Workshop on Level Density and Gamma Strength, Oslo, Norveç, 27 - 31 Mayıs 2024, ss.72
- VII. **The PANDORA Project: Investigating Photonuclear Reactions in Light Nuclei**
Bekker J., Pellegrini L., Tamii A., Söderström P., Allard D., Bahini A., Baret B., Binda S., Brummer J., Dahl J., et al.
9th Workshop on Level Density and Gamma Strength, Oslo, Norveç, 27 - 31 Mayıs 2024, ss.36
- VIII. **Neutron quest for 27Al(alpha,n) reaction**
Roy R., Testov D., Choudhury D., Balabanski D., Aogaki S., Brezeanu M., Burducea I., Decebal I., Dhal A., Djourelou N., et al.
67th DAE Solid State Physics Symposium, Visakhapatnam, Hindistan, 20 - 24 Aralık 2023
- IX. **Neutron production yield in alpha induced reactions on CaF₂ and 27Al**
Testov D., Söderström P., Lorusso G., Roy R., Aogaki S., State A., Azhibekov A., Balabanski D., Ban S., Brezeanu M., et al.
Technical Meeting on (alpha,n) Reaction Nuclear Data Evaluations and Data Needs, Vienna, Avusturya, 27 Kasım - 01 Aralık 2023, ss.1
- X. **Quest for (alpha,n) reaction cross-section on 27Al**
Roy R., Testov D., Choudhury D., Balabanski D., Aogaki S., Brezeanu M., Burducea I., Cuciuc M., Iancu D., Dhal A., et al.
International Symposium On Nuclear Astrophysics, Karnataka, Hindistan, 30 Ekim - 03 Kasım 2023
- XI. **Data analysis and results from the first 9 MV campaign: the 10B experiment**
Kuşoğlu A.
Mini-workshop for the Romanian Japan Bilateral Program by JSPS, Bucuresti, Romanya, 05 Ekim 2023
- XII. **Neutron Production in Alpha-Induced Reactions**
Roy R., Testov D., Balabanski D., Aogaki S., Brezeanu M., Burducea I., Choudhury D., Corbu R., Cuciuc M., Decebal I., et al.
Euroscool On Exotic Beams, Brasov, Romanya, 27 Ağustos - 02 Eylül 2023
- XIII. **Ground-breaking developments in 10B with inelastic proton scattering**
Kuşoğlu A.
7th International Conference on Collective Motion in Nuclei under Extreme Conditions, Catania, İtalya, 11 - 16 Haziran 2023, ss.38
- XIV. **Gamma-ray transition rates for the structure of 10B**

Kuşoğlu A.

3rd PANDORA Workshop, 5 - 07 Mart 2023, ss.1

- XV. **The ELI-NP LaBr₃:Ce/CeBr₃ detectors at ROSPHERE**
Aogaki S., Balabanski D. L., Borcea R., Constantin P., Costache C., Cuciuc M., Kuşoğlu A., Mihai C., Mihai R. E., Stan L., et al.
VIth Topical Workshop on Modern Aspects in Nuclear Structure The Many Facets of Nuclear Structure Bormio, Milan, İtalya, 6 - 11 Şubat 2023, ss.124
- XVI. **Magnetic moment of ⁷⁵mCu measured with a highly spin-aligned beam**
Ichikawa Et. Al. Y., Kuşoğlu A.
13th International conference on Nucleus-Nucleus Collisions, NN2018, Tokyo, Japonya, 4 - 08 Aralık 2018, ss.69
- XVII. **High-Resolution gamma-ray spectroscopy with Eliade at the Extreme Light Infrastructure**
Sönderström P., Suliman G., Ur C., BALABANSKI D. L., Capponi L., Dhal A., Ilie S., KUŞOĞLU A., Petcu C., Turturica G., et al.
Zakopane Conference on Nuclear Physics "Extremes of the Nuclear Landscape", Zakopane, Polonya, 26 Ağustos - 26 Eylül 2018, ss.48
- XVIII. **Spin-alignment in abrasion-fission reaction - g-factor measurement of isomeric states**
DAUGAS J. M., Boulay F., Simpson G., ICHIKAWA Y., Takamine A., Ahn D., ASAHI K., Baba H., BALABANSKI D. L., Egami T., et al.
6th Workshop on Nuclear Fission and Spectroscopy of Neutron-Rich Nuclei, Chamrousse, Fransa, 20 - 24 Mart 2017, ss.75
- XIX. **Nuclear g-factor measurement with time-dependent recoil in vacuum in radioactive-beam geometry**
Kusoglu A., Stuchbery A. E., Georgiev G., Goasduff A., Atanasova L., Balabanski D. L., Bostan M., Danchev M., Detistov P., Gladnshki K., et al.
1st NUBA International Conference on Nuclear Physics and Astrophysics, Antalya, Türkiye, 14 - 21 Eylül 2014, cilt.590
- XX. **Time Dependent Recoil In Vacuum: High-precision g-factor measurements of ²⁴Mg**
KUŞOĞLU A.
Euroschool on Exotic Beams 2014, Padova, İtalya, 7 - 13 Eylül 2014, ss.1-2
- XXI. **Study of shape transition in the neutron-rich Os isotopes**
John P. R., Modamio V., Valiente-Dobon J. J., Mengoni D., Gottardo A., Bazzacco D., Lunardi S., Alexander T., de Angelis G., Ashwood N., et al.
International Nuclear Physics Conference (INPC), Firenze, İtalya, 2 - 07 Haziran 2013, cilt.66
- XXII. **TDRIV on H-like ions in radioactive beam geometry**
KUSOGLU A.
EWIRA/ENSAR meeting on static nuclear moment measurements with radioactive ion beams, Fransa, 1 - 04 Mayıs 2013, ss.13
- XXIII. **First nuclear spin-polarized beams at REX-ISOLDE**
Törnqvist H., Sotty C., Benito M., Balabanski D., Dhal A., Georgiev G., Hass M., Heinz A., Hirayama Y., Imai N., et al.
ISOLDE Workshop and Users Meeting 2012, İsviçre, 1 - 04 Aralık 2012, ss.44
- XXIV. **Shape transition in the neutron-rich Os isotopic chain**
John P. R., Modamio V., Gadea A., Angelis G. d., Valiente-Dobon J., Benzoni G., BOSTAN M., Bowry M., Alexander T., Bazzacco D., et al.
European Radioactive Ion Beam Conference 2012, Venedik, İtalya, 1 - 04 Mayıs 2012, ss.88
- XXV. **Half-life of the I- $\pi=4(-)$ Intruder State in P-34 Using LaBr₃:Ce Fast Timing**
Mason P. J. R., Alharbi T., Regan P. H., Marginean N., Podolyak Z., Alkhomashi N., Bender P. C., Bowry M., Bostan M., Bucurescu D., et al.
Rutherford Centennial Conference on Nuclear Physics, Manchester, Birleşik Krallık, 8 - 12 Ağustos 2011, cilt.381
- XXVI. **E0 decay and Lifetimes of 0+2 States in the Rare-earth Region: the Case of ¹⁵⁶Dy and ¹⁶⁰Er**
Balabanski D., Bianco G. L., Atanasova L., Blasi N., Das Gupta S., Detistov P., Gladnshki N., Fortunato L., Kusoglu A., Nardelli A., et al.
XXX International Workshop on Nuclear Theory, Bulgaristan, 1 - 04 Eylül 2011, ss.36-37

- XXVII. **Spin-Orbit Splitting Calculations for Some Closed-Shell Nuclei**
Kusoglu A., BOSTAN İ. M.
17th Euroschool on Exotic Beams, İspanya, 1 - 04 Eylül 2010, ss.25
- XXVIII. **The effect of valence neutrons on spin-orbit splitting**
Kusoglu A., BOSTAN İ. M., ERDURAN M.
Zakopane Conference on Nuclear Physics Extremes of the Nuclear Landscape, Polonya, 1 - 04 Eylül 2010, ss.92
- XXIX. **Shell Evolution in Exotic Nuclei**
Kusoglu A., BOSTAN İ. M.
NUFRA 2009 Second International Conference on Nuclear Fragmentation From Basic Research to Applications, Türkiye, 1 - 04 Kasım 2009, ss.15
- XXX. **Isospin dependence of spin-orbit potential**
Kusoglu A., BOSTAN M.
The 6th Balkan School on Nuclear Physics, Bulgaristan, 1 - 04 Eylül 2008, ss.5

Diğer Yayınlar

- I. **g-factor measurements and perspectives for experiments at FAIR**
KUŞOĞLU A.
Sunum, ss.1, 2018
- II. **Development of the Time Dependent Recoil In Vacuum technique for "radioactive-beam" geometry"**
Kusoglu A., Georgiev G., Stuchbery A., Yordanov D., Ljungvall J., Goasduff A., Sotty C., Balabanski D., Atanasova L., Detistov P., et al.
Sunum, ss.1, 2013
- III. **Evolution of Spin-Orbit Splitting with Valence Nucleon Number**
Kusoglu A.
Sunum, ss.10, 2010

Desteklenen Projeler

KUŞOĞLU A., YALÇINKAYA M., Yükseköğretim Kurumları Destekli Proje, Coulomb Fisyon Reaksiyonunda Spin-Yönelimi ve g-faktör Ölçümleri için Uygulanabilirliği, 2019 - 2020

KUŞOĞLU A., YALÇINKAYA M., Yükseköğretim Kurumları Destekli Proje, Nadir İzotop İncelemeleri İçin g Faktör Ölçümleri, 2018 - 2019

KUŞOĞLU A., BOSTAN İ. M., Yükseköğretim Kurumları Destekli Proje, Elektromanyetik Moment Ölçümleri ile Farklı Reaksiyonlarda Nükleer Spin Yönelimleri, 2016 - 2018

BOSTAN İ. M., KUŞOĞLU A., Yükseköğretim Kurumları Destekli Proje, Egzotik Çekirdeklerde Uyarılmış Seviye Ömürleri ve Nükleer Momentler, 2014 - 2016

BOSTAN İ. M., KUŞOĞLU A., YALÇINKAYA M., Yükseköğretim Kurumları Destekli Proje, Nötron Zengin Osmiyum İzotoplarında Şekil Faz Geçişinin İncelenmesi, 2011 - 2014

BOSTAN İ. M., KUŞOĞLU A., Yükseköğretim Kurumları Destekli Proje, Spin-yörünge Potansiyelinin Valans Nükleon Sayısı ile Değişimi, 2008 - 2010

Bilimsel Hakemlikler

TÜBİTAK Projesi, 1001 - Bilimsel ve Teknolojik Araştırma Projelerini Destekleme Programı, İstanbul Üniversitesi, Türkiye, Ocak 2022

International journal of advances in engineering and pure sciences (Online), Hakemli Bilimsel Dergi, Nisan 2020

Bilimsel Araştırma / Çalışma Grubu Üyelikleri

Nuclear Spectroscopy Laboratory, RIKEN Nishina Center, Japan, http://www.riken.jp/en/research/labs/rnc/nucl_spectro/, 2015 - Devam Ediyor
ISOLDE, CERN, Switzerland, <http://isolde.web.cern.ch/>, 2012 - Devam Ediyor
Structure de Noyau, Centre de Spectrométrie Nucléaire et de Spectrométrie de Masse (CSNSM), France, <http://www-csnsm.in2p3.fr/-Structure-du-noyau,89->, 2012 - Devam Ediyor
Nuclear Structure, Institut de Physique Nucléaire (IPN), France, <http://ipnweb.in2p3.fr/>, 2011 - Devam Ediyor
Groupe des Physiciens, Grand Accélérateur National d'Ions Lourds (GANIL), France, <http://www.ganil-spiral2.eu/>, 2010 - Devam Ediyor
INSTITUTE FOR NUCLEAR RESEARCH AND NUCLEAR ENERGY, BULGARIAN ACADEMY OF SCIENCES, Bulgaria, <http://www.inrne.bas.bg/>, 2011 - 2014
Nuclear Physics, Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering (IFIN-HH), Romania, <http://www.nipne.ro/>, 2010 - 2012
Research, INFN-Legnaro National Laboratories, Italy, <http://www.lnl.infn.it/>, 2009 - 2011

Metrikler

Yayın: 92
Atf (WoS): 338
Atf (Scopus): 319
H-İndeks (WoS): 12
H-İndeks (Scopus): 11

Kongre ve Sempozyum Katılımı Faaliyetleri

International Symposium on the Celebration of 10 Years with ELI-NP -10 PW on Target , Katılımcı, Bucuresti, Romanya, 2023
NUSTAR Week 2023, Katılımcı, Bucuresti, Romanya, 2023
Mini-workshop for the Romanian Japan Bilateral Program by JSPS, Katılımcı, Bucuresti, Romanya, 2023
7th International Conference on Collective Motion in Nuclei under Extreme Conditions, Katılımcı, Catania, İtalya, 2023
The 3rd PANDORA Workshop, Okinawa Main Island, Japonya (Hybrid), Davetli Konuşmacı, Okinawa, Japonya, 2023
The Young Researchers and Young Engineers Day, Katılımcı, Bucuresti, Romanya, 2023
Helmholtz - SESAME soft X-ray Beamline Workshop -HESEB, Katılımcı, İstanbul, Türkiye, 2022
Workshop on Fission Fragment Angular Momenta, Katılımcı, Washington, Amerika Birleşik Devletleri, 2022
ELI-NP Young Researcher and Young Engineer Days, Katılımcı, Bucuresti, Romanya, 2022
ISOLDE Workshop and Users Meeting 2021, Katılımcı, Züriç, İsviçre, 2021
nu-Ball2 online scientific workshop, Katılımcı, Paris, Fransa, 2021
On-line 21th AGATA Week, Katılımcı, Paris, Fransa, 2021
AGATA Turkey Collaboration Meeting, Çalışma Grubu, Ankara, Türkiye, 2020
gSPEC Workshop, Katılımcı, Milan, İtalya, 2018
International School of Physics "Enrico Fermi" Course 201 "Nuclear Physics with Stable and Radioactive Ion Beams", Katılımcı, İtalya, 2017
NUSPIN 2017, Katılımcı, Darmstadt, Almanya, 2017
NUBA-2016: 3rd International Nuclear Physics Summer School, Katılımcı, Antalya, Türkiye, 2016
NUBA Conference Series I: Nuclear Physics and Astrophysics, Katılımcı, Antalya, Türkiye, 2014
Euroschool on Exotic Beams 2014, Katılımcı, Padova, İtalya, 2014
Workshop on Nuclear Structure, Astrophysics and Reactions, Katılımcı, İstanbul, Türkiye, 2014
2nd Workshop on the physics at the ALTO facility, Katılımcı, Orsay, Fransa, 2013

EWIRA/ENSAR meeting on static nuclear moment measurements with radioactive ion beams, Katılımcı, Orsay, Fransa, 2013
EGAN (European Gamma and Ancillary detectors Network) Workshop, Katılımcı, Orsay, Fransa, 2012
Second workshop on Fast Timing gamma-spectroscopy, Katılımcı, Velingrad, Bulgaristan, 2011
17th Euroschool on Exotic Beams, Katılımcı, Santiago de Compostela, İspanya, 2010
Nuclear Structure Challenges with Radioactive Beams, Katılımcı, Adrasan/Antalya, Türkiye, 2010
Zakopane Conference on Nuclear Physics Extremes of the Nuclear Landscape, Katılımcı, Krakow, Polonya, 2010
High Resolution Gamma-Ray Spectroscopy Workshop, Katılımcı, Caen, Fransa, 2010
AGATA PHYSICS WORKSHOP 2010, AGATA@Legnaro and AGATA@GSI, Katılımcı, İstanbul, Türkiye, 2010
NUFRA 2009 Second International Conference on Nuclear Fragmentation From Basic Research to Applications, Katılımcı, Kemer/Antalya, Türkiye, 2009
NEDA - New Neutron Detector for SPIRAL 2, Katılımcı, İstanbul, Türkiye, 2009
The 6th Balkan School on Nuclear Physics, Katılımcı, Troyan, Bulgaristan, 2008
Nuclear Physics and Astrophysics: From Stable Beams to Exotic Nuclei, Katılımcı, Kapadokya, Türkiye, 2008

Davetli Konuşmalar

Gamma-ray transition rates for the structure of ^{10}B , Konferans, The 3rd PANDORA Workshop, Okinawa Main Island, Japan, Japonya, Mart 2023
Magnetic Moment Measurements of Isomeric States, Seminer, Diğer Kurumlar, Hindistan, Mayıs 2020
g-factor measurements and nuclear spin orientation in different types of reactions, Seminer, INFN-LNL, İtalya, Nisan 2016
Evolution of Spin-Orbit Splitting with Valence Nucleon Number, Seminer, INFN-LNL, İtalya, Haziran 2010

Burslar

2224-B - Yurt İçi Bilimsel Etkinliklere Katılım Desteği, TÜBİTAK, 2014 - 2014
TÜBİTAK/2214-Yurt Dışı Araştırma Bursu, TÜBİTAK, 2012 - 2013
Başarı Bursu, Vakıf, 2004 - 2006

Ödüller

Kuşoğlu A., Yayın Teşvik Ödülü, Tübitak Uluslararası Bilimsel Yayınları Teşvik Programı (Ubyt), Ağustos 2020
Kuşoğlu A., Yayın Teşvik Ödülü, Tübitak Ulakbim Uluslararası Bilimsel Yayınları Teşvik Programı (Ubyt), Aralık 2019
Kuşoğlu A., Yayın Teşvik Ödülü, Tübitak Ulakbim, Aralık 2019
Kuşoğlu A., Yayın Teşvik Ödülü, Tübitak Uluslararası Bilimsel Yayınları Teşvik Programı (Ubyt), Kasım 2019
Kuşoğlu A., Yayın Teşvik Ödülü, Tübitak, Ekim 2019
Kuşoğlu A., Makale olarak yayınlamaya hak kazanan poster ödülü, Zakopane Conference On Nuclear Physics Extremes Of The Nuclear Landscape, Eylül 2010
KUŞOĞLU A., Fizik Bölüm Birincisi, İstanbul Üniversitesi, Temmuz 2006

Akademi Dışı Deneyim

ELI-NP Extreme Light Infrastructure - Nuclear Physics
Centre de Sciences Nucléaires et de Sciences de la Matière (CSNSM)