

Prof. ÜLKÜ ULUSOY

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Müh. Fak. , Fizik Müh. Böl. , Turkey 1988 - 1995

Postgraduate, Hacettepe University, Müh. Fak. , Fizik Müh. Böl. , Turkey 1985 - 1987

Undergraduate, Hacettepe University, Müh. Fak. , Fizik Müh. Böl. , Turkey 1979 - 1985

Dissertations

Doctorate, Kuvars Minerallerinin ESR Yöntemiyle İncelenmesi ve Tarihlenmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (Dr), 1995

Postgraduate, Ham ve Arkeolojik Buğday Tanelerinin Magnetik Özelliklerinin EPR Yöntemiyle İncelenmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Fizik Mühendisliği (YI) (Tezli), 1987

Research Areas

Physics, Interdisciplinary Physics and Related Science and Technology Areas, Natural Sciences

Academic Titles / Tasks

Professor, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 2007 - Continues

Associate Professor, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 2000 - 2007

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1997 - 2000

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Fizik Mühendisliği Bölümü, 1986 - 1997

Academic and Administrative Experience

Eğitim ve Müfredat Kurulu üyesi, Hacettepe University, Fen Bilimleri Enstitüsü, Fizik Mühendisliği A.B.D., 2012 - 2015

Ethics Committee Member, Hacettepe University, Rektörlük-B, Rektörlük-M, 2012 - 2014

Courses

Fiz 114 Fizik II, Undergraduate, 2023 - 2024
Fiz 113 Fizik I, Undergraduate, 2023 - 2024
MUH 401 Çok Disiplinli Proje Çalışması, Undergraduate, 2023 - 2024
Fiz 217 Titreşimler ve Dalgalar, Undergraduate, 2023 - 2024
Fiz 201 Fizik Laboratuvarı III, Undergraduate, 2023 - 2024
Fiz 117-16 Genel Fizik Lab II, Undergraduate, 2017 - 2018
Fiz 137-12 Fizik I, Undergraduate, 2017 - 2018
FİZ 201-06 Fiz Lab. III, Undergraduate, 2017 - 2018
Fiz 104-27 Fizik Lab. II, Undergraduate, 2016 - 2017
Fiz 432-14 Bitirme Çalışması, Undergraduate, 2016 - 2017
Fiz 117-34 Genel Fizik Lab., Undergraduate, 2016 - 2017
Fiz 103-13 Fizik Lab., Undergraduate, 2016 - 2017
Fiz 138-13 Fizik II, Undergraduate, 2016 - 2017

Advising Theses

Ulusoy Ü., Arı V., INVESTIGATION OF FLAVOR CHANGING NEUTRAL CURRENT INTERACTIONS OF TOP QUARK THROUGH SCALAR BOSON, Doctorate, Ö.MUSTAFA(Student), 2022
ULUSOY Ü., Mağara örneklerinin ESR (elektron spin rezonans) yöntemi ile incelenmesi ve tarihlenmesi, Postgraduate, E.SERT(Student), 2014
ULUSOY Ü., Mağara çökellerinin elektron spin rezonans yöntemi ile incelenmesi, Postgraduate, G.ANBAR(Student), 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Blue sky at midnight - earthquake lightning**
Whitehead N., Ulusoy Ü.
TURKISH JOURNAL OF EARTH SCIENCES, vol.28, no.1, pp.171-192, 2019 (SCI-Expanded)
- II. **Origin of Earthquake Light Associated with Earthquakes in Christchurch, New Zealand, 2010-2011**
Whitehead N. E., Ulusoy Ü.
EARTH SCIENCES RESEARCH JOURNAL, vol.19, no.2, pp.113-120, 2015 (SCI-Expanded)
- III. **ESR and Th-230/U-234 dating of speleothems from Aladaglar Mountain Range (AMR) in Turkey**
Ulusoy Ü., Anbar G., Bayari S., Uysal T.
QUATERNARY RESEARCH, vol.81, no.2, pp.367-380, 2014 (SCI-Expanded)
- IV. **Macroscopic anomalies before the September 2010 M=7.1 earthquake in Christchurch, New Zealand**
Whitehead N. E., Ulusoy Ü.
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.13, no.1, pp.167-176, 2013 (SCI-Expanded)
- V. **SPELEOTHEMS OF CATALHOYUK, TURKEY**
Erdoğan B., Uysal I. T., Özbek O., Ulusoy Ü.
MEDITERRANEAN ARCHAEOLOGY & ARCHAOMETRY, vol.13, no.1, pp.21-30, 2013 (AHCI)
- VI. **ESR studies of Anatolian gypsum**
Ulusoy Ü.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.60, no.6, pp.1359-1365, 2004 (SCI-Expanded)
- VII. **ESR dating of North Anatolian (Turkey) and Nojima (Japan) faults**
Ulusoy Ü.
QUATERNARY SCIENCE REVIEWS, vol.23, no.1-2, pp.161-174, 2004 (SCI-Expanded)
- VIII. **Are any public-reported earthquake precursors valid?**
Whitehead N., Ulusoy Ü., Asahara H., Ikeya M.
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.4, no.3, pp.463-468, 2004 (SCI-Expanded)

- IX. **Split sea and walls of water - Moses' phenomenon at the Izmit earthquake, Turkey**
Ikeya M., Satoh H., Ulusoy Ü., Kimura R.
PROCEEDINGS OF THE JAPAN ACADEMY SERIES B-PHYSICAL AND BIOLOGICAL SCIENCES, vol.78, no.2, pp.24-29,
2002 (SCI-Expanded)
- X. **Radical formation in lithium and magnesium oxalate**
Hassan G., Ulusoy Ü., Ikeya M.
JAPANESE JOURNAL OF APPLIED PHYSICS PART 1-REGULAR PAPERS BRIEF COMMUNICATIONS & REVIEW
PAPERS, vol.39, no.11, pp.6236-6242, 2000 (SCI-Expanded)
- XI. **ESR dating of a quartz single crystal from the Menderes Massif in Turkey**
Ulusoy Ü.
APPLIED RADIATION AND ISOTOPES, vol.52, no.5, pp.1363-1370, 2000 (SCI-Expanded)
- XII. **ESR studies of sepiolites**
Ulusoy Ü., Ikeya M.
APPLIED MAGNETIC RESONANCE, vol.18, no.4, pp.537-548, 2000 (SCI-Expanded)
- XIII. **ESR studies and ESR dating of quartz collected from Kapadokya, Turkey**
Ulusoy Ü., Apaydin F.
APPLIED RADIATION AND ISOTOPES, vol.47, no.11-12, pp.1405-1407, 1996 (SCI-Expanded)

Books & Book Chapters

- I. **Earthquakes and Animals - From Folk Legends to Science**
Ulusoy Ü.
Nobel Yayın Dağıtım, Singapore, 2022
- II. **What are our pets trying to tell us?**
Ulusoy Ü.
<http://sismiksiren.com/kitap/motoji-ikeya.jp/qauesandpets/cover.html>, Ankara, 2011
- III. **Deprem Habercisi Olaylar ve Bilimsel Yorumlar (Güncellenme yılı 2009)**
Ulusoy Ü., İkeya M.
Neyir Reklamcilik, Ankara, 2009
- IV. **Future Systems for Earthquake Early Warning**
Ulusoy Ü. (Editor), Kundu H. K. (Editor)
NOVA Science Publishers Inc. , New York, 2008
- V. **Deprem Habercisi Olaylar ve Bilimsel Yorumlar**
Ulusoy Ü., İkeya M.
T.C. Kültür Bakanlığı Yayınları, Ankara, 2001

Refereed Congress / Symposium Publications in Proceedings

- I. **New Contributions to Understanding Earthquake Light, from the 2023 Turkish Earthquakes**
Ulusoy Ü., Whitehead N.
7th International Conference on Earthquake Engineering and Seismology, Antalya, Turkey, 6 - 10 November 2023,
pp.591-608

Other Publications

- I. **ESR Studies of a Quartz Single Crystal from the Menderes Massif - Turkey**
Ulusoy Ü.
Other, pp.263-269, 2003

II. The Investigation of ESR Dating by Using Alpha Rays

Ulusoy Ü.

Other, pp.163-166, 2002

III. ESR Studies of Heated Modern Wheat Grains and Determination of MTPH Archaeological Materials Collected from Eskiyyapar and İkiztepe

Ulusoy Ü., Apaydın F.

Other, pp.13-15, 1989

Supported Projects

ULUSOY Ü., Project Supported by Higher Education Institutions, Gökyüzü ve atmosferdeki sismik fenomenleri gözleme sistemi, 2013 - 2018

ULUSOY Ü., WHITEHEAD N. E., Project Supported by Higher Education Institutions, Büyük Depremlerin Habercileri ve Deneysel Gözlemler, 2015 - 2017

Ulusoy Ü., Project Supported by Higher Education Institutions, Çatalhöyük çevresi mağara doz hızı ölçümleri, 2013 - 2013

Ulusoy Ü., Erdoğan B., Özbek O., TÜBİTAK Project, Çatalhöyük Speleothem Projesi, 2009 - 2012

Ulusoy Ü., TÜBİTAK Project, Mağara Çökellerinin ESR ile Yaş Tayini ve bu Çökellerin Mikro-Jeokimyasal Analiz ile de İncelenerek Paleo-İklim Koşullarının Araştırılması, 2005 - 2007

Metrics

Publication: 24

Citation (WoS): 78

Citation (Scopus): 81

H-Index (WoS): 5

H-Index (Scopus): 5

Scholarships

Precursors of Earthquakes, Other International Organizations, 2004 - 2004

BAYG-C, TÜBİTAK, 1998 - 1999

College on Advanced Techniques in Archaeometry and Conservation of Works of Arts, Other International Organizations, 1994 - 1994

Non Academic Experience

TÜBİTAK, Tübitak, BİDEB

University, Osaka Üniversitesi, Japonya, Earth and Space Sciences