

# Prof. YUSUF KAĞAN KADIOĞLU

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-9567-2020

ScopusID: 55621568600

Yoksis Researcher ID: 2857

## Education Information

Doctorate, Ankara Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1991 - 1996

Postgraduate, Ankara Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1988 - 1991

Undergraduate, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1983 - 1987

## Foreign Languages

English, C1 Advanced

Arabic, C1 Advanced

## Dissertations

Doctorate, Genes of Ağaçören intrusive suite and its enclaves (Central Anatolia) constraints from geological, petrography geophysical and geochemical data, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Jeoloji Mühendisliği (Dr), 1996

Postgraduate, Geology, petrography and geochemistry of Ağaçören (Aksaray) magmatic rocks, Middle East Technical University, Genel Biyoloji Anabilim Dalı, Jeoloji Mühendisliği (YI) (Tezli), 1991

## Research Areas

Geochemistry (Organic and Inorganic, Applied Geochemistry, Mineralogy-petrography, Geochronology, Mineralogy and Crystallography, Petrography and Petrology, petrogenesis, Engineering and Technology

## Academic Titles / Tasks

Professor, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2009 - Continues

Associate Professor, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2002 - 2009

Research Assistant, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1989 - 1999

## Academic and Administrative Experience

Dean, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2022 - Continues  
Fulbright Dernek Başkanlığı, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2019 - Continues  
MTA Danışma Kurulu Üyeliği, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2016 - Continues  
Head of Department, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2019 - 2023  
Director of the Center, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2009 - 2023  
Ankara University, 2019 - 2020  
Enstitü Yönetim Kurulu Üyesi, Ankara University, Nükleer Bilimler Enstitüsü, 2015 - 2020  
Fakülte Kurulu Üyesi, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2009 - 2019  
Ankara University, 2013 - 2016  
Ankara University, 2011 - 2014  
Ankara University, 2011 - 2014  
TÜBİTAK GYK üyeliği, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2008 - 2014  
Deputy Head of Department, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2011 - 2013  
Ankara University, 2010 - 2013  
Enstitü Yönetim Kurulu Üyesi, Ankara University, Nükleer Bilimler Enstitüsü, 2005 - 2013  
Deputy Head of Department, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2007 - 2010  
Fakülte Kurulu Üyesi, Ankara University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2002 - 2007

## Courses

Petrolojide ileri Konular, Doctorate, 2015 - 2016, 2014 - 2015  
Mühendislikte Projelendirme, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004, 2001 - 2002, 2000 - 2001  
Petroloji, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004, 2002 - 2003, 2000 - 2001  
Petrojenez, Postgraduate, 2015 - 2016, 2012 - 2013, 2009 - 2010, 2003 - 2004, 2000 - 2001  
Optical Mineralogy, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006  
Kayaçlarda Jeokimyasal Analiz Yöntemi, Postgraduate, 2015 - 2016, 2012 - 2013, 2009 - 2010, 2006 - 2007  
Petrografi, Undergraduate, 2015 - 2016, 2013 - 2014, 2011 - 2012, 2009 - 2010, 2007 - 2008, 2005 - 2006, 2003 - 2004, 2002 - 2003, 2001 - 2002  
Petrolojide ileri Konular, Postgraduate, 2014 - 2015, 2012 - 2013, 2009 - 2010, 2006 - 2007, 2002 - 2003, 2000 - 2001  
Kayaçlarda Bozuşma, Postgraduate, 2013 - 2014, 2011 - 2012, 2008 - 2009, 2006 - 2007, 2002 - 2003

## Advising Theses

KADIOĞLU Y. K., Istranca masifindeki mesozoyik intrüzyiflerinin tektonomagmatik evrimi, kuzey batı Türkiye, Doctorate, E.ULUSOY(Student), 2021  
KADIOĞLU Y. K., Antalya körfezi denizel üst miyosen ve pliyosen çökellerinin sedimentolojisi ve sismik yansıma verilerinin yorumlanması, GB Anadolu, Türkiye, Doctorate, S.DÜNDAR(Student), 2020  
KADIOĞLU Y. K., Yeraltında ısı enerji depolamada jeolojik parametrelerin araştırılması: İstanbul-Ataşehir örneği, Doctorate, A.EMİNE(Student), 2020  
KADIOĞLU Y. K., Malatya-Doğuşehir berit metaofiyolitlerindeki yakut oluşumlarının gemolojik ve petrolojik özellikleri, Postgraduate, T.VELİOĞLU(Student), 2017  
KADIOĞLU Y. K., Simav civarındaki granitoidlerin jeolojisi ve petrolojisi (Batı Anadolu, Türkiye), Postgraduate, T.YÜCEL(Student), 2017  
KADIOĞLU Y. K., Akçakent (Kırşehir) foide içrikli magmatik kayaların zamansal ve mekânsal konumu, Doctorate, K.DENİZ(Student), 2016

KADIOĞLU Y. K., Musabeyli-Sorgun (Yozgat) volkanik kayalarının jeolojisi ve petrolojisi, Postgraduate, S.AKBAY(Student), 2016

KADIOĞLU Y. K., Kaman (Kırşehir) çevresindeki metamorfiklerin jeolojisi, petrografisi ve magmatik sokulumlarla olan kökensel ilişkisi, Postgraduate, C.ÖZCAN(Student), 2013

KADIOĞLU Y. K., Topkaya ve Karakaya (Eskişehir) granitoidlerinin zamansal ve mekansal konumları, Doctorate, B.GÜLLÜ(Student), 2012

KADIOĞLU Y. K., Eskişehir kuzeyi Hekimdağ metamorfik kayalarının jeolojisi ve petrolojisi, Postgraduate, M.GÜREL(Student), 2012

KADIOĞLU Y. K., Demirköy (Kırklareli) intrüzif kayaçlarının jeolojisi ve petrolojisi, Postgraduate, E.ULUSOY(Student), 2012

KADIOĞLU Y. K., Tuz Gölü doğu ve batısındaki gabroların konfokal Raman spektroskopisi ile incelenmesi, Postgraduate, B.YILDIRIM(Student), 2010

KADIOĞLU Y. K., Güneşli granitoidinin (Gördes/Manisa) petroloji ve jeolojisi, Postgraduate, R.KUŞÇU(Student), 2010

KADIOĞLU Y. K., Yozgat intrüzif kompleksinin jeolojisi, petrolojisi ve Orta Anadolu kristalen karmaşığındaki zamansal ve mekansal konumu, Doctorate, M.AVNİ(Student), 2010

KADIOĞLU Y. K., Buzlukdağı (Kırşehir) alkali magmatik kayaçların jeolojisi, petrolojisi ve Konfokal Raman Spektrometresi ile incelenmesi, Postgraduate, K.DENİZ(Student), 2010

KADIOĞLU Y. K., Güneşli granitoidinin (Gördes/Manisa) jeoloji ve petrolojisi, R.KUŞÇU(Student), 2010

KADIOĞLU Y. K., Material characterization of ancient mural paintings and related base materials: A case study of Zeugma archaeological area, Doctorate, A.AKIN(Student), 2009

KADIOĞLU Y. K., Sivrihisar?Günyüzü (Eskişehir) granitoidlerin jeolojisi, petrolojisi ve anklavlarının kökeni, Doctorate, O.ZOROĞLU(Student), 2009

KADIOĞLU Y. K., Mursal (Sivas-Divriği) magmatik kayaçlarının jeoloji ve petrolojisi, Postgraduate, N.İNCİ(Student), 2007

KADIOĞLU Y. K., Mursal (Sivas-Divriği) magmatik kayaçlarının jeolojisi ve petrolojisi, N.İnci&#34;(Student), 2007

KADIOĞLU Y. K., İncesu ignimbiritinin (Kayseri) jeolojisi, petrolojisi ve ayırtman özellikleri, Doctorate, T.KORALAY(Student), 2006

KADIOĞLU Y. K., Bergama Ovacık civarındaki hidrotermal alterasyona uğramış volkanik kayaçların petrografisi ve cevherleşme ile olan ilişkisi, Postgraduate, A.BAYRAM(Student), 2006

KADIOĞLU Y. K., Tahir (Beypazarı) magmatik kayaçlarının jeolojisi ve petrografisi, Postgraduate, M.UĞUR(Student), 2004

KADIOĞLU Y. K., Yozgat batolitinin kuzey bölümünün jeolojisi ve petrolojisi, Postgraduate, M.AVNİ(Student), 2003

KADIOĞLU Y. K., Beypazarı granitoidlerinin petrolojisi ve anklavlarının kökeni, Postgraduate, O.ZOROĞLU(Student), 2001

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

- I. **Mitigating Combined Boron and Salt Stress in Lettuce (*Lactuca Sativa* L. Semental) through Salicylic Acid-Modified Rice Husk Biochar**  
ŞAHİN Ö., GÜNEŞ A., DENİZ YAĞCIOĞLU K., KADIOĞLU Y. K.  
JOURNAL OF SOIL SCIENCE AND PLANT NUTRITION, 2024 (SCI-Expanded)
- II. **Dissolution behavior of chromite mineral impurities in raw materials of glass production using scanning electron microscopy-energy dispersive spectrometer, X-ray fluorescence spectroscopy and Raman spectroscopy methods**  
Akkaya P., KADIOĞLU Y. K.  
SPECTROSCOPY LETTERS, no.3, pp.186-199, 2024 (SCI-Expanded)
- III. **Electron Probe Micro-Analyzer Studies and Raman Spectroscopic Characterization of Plagioclase in Basaltic Rocks from the Asal-Ghoubbet Area, Republic of Djibouti**  
İltireh A. D., KADIOĞLU Y. K.  
Minerals, vol.14, no.3, 2024 (SCI-Expanded)
- IV. **Strontium biofortification in soil and hydroponic grown tomato and lettuce**  
Şahin Ö., Babar S. K., Deniz Yağcıoğlu K., Kadioğlu Y. K., Güneş A.

JOURNAL OF PLANT NUTRITION, vol.47, no.9, pp.1456-1463, 2024 (SCI-Expanded)

- V. **Evaluating Ecological Nano-Calcium from Eggshells: Effects on Calcium Nutrition and Oxidative Stress in Lettuce Under Saline and Boron Toxicity**  
ŞAHİN Ö., Yagcioglu K. D., KADIOĞLU Y. K., GÜNEŞ A.  
Journal of Plant Growth Regulation, 2024 (SCI-Expanded)
- VI. **Silicon-Phosphate Obtained from Rice Husk: a Sustainable Alternative to Phosphate Fertilizer Evaluated for Barley and Maize in Different Soils**  
TAŞKIN M. B., AKÇA H., Kan S., Taskin H., DENİZ YAĞCIOĞLU K., KADIOĞLU Y. K., Nikolić M., Cakmak I., GÜNEŞ A.  
Journal of Soil Science and Plant Nutrition, vol.23, no.3, pp.3186-3196, 2023 (SCI-Expanded)
- VII. **Phosphorus-Enriched Rice Husk Biochar Affected Growth and Mineral Nutrition of Wheat and Its Residual Effects on Maize Production**  
ŞAHİN Ö., GÜNEŞ A., Babar S. K., DENİZ K., KADIOĞLU Y. K., Ozturk S., İNAL A.  
Journal of Soil Science and Plant Nutrition, vol.23, no.3, pp.3085-3094, 2023 (SCI-Expanded)
- VIII. **A New Natural Secondary Reference Material for Garnet U-Pb Dating by TIMS and LA-ICP-MS**  
AYSAL N., Guillong M., Bayanova T., Fukuyama M., Leonard N., YILMAZ İ., VAROL MURATÇAY E., Tükel F. Ş., Kadioğlu Y. K., HANİLÇİ N., et al.  
Geostandards and Geoanalytical Research, vol.47, no.2, pp.297-310, 2023 (SCI-Expanded)
- IX. **Geochemistry of salts and the effect of trace elements on human health: Turkey salt resources**  
DENİZ K., KADIOĞLU Y. K.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.103, no.17, pp.5082-5100, 2023 (SCI-Expanded)
- X. **Evaluating the comparative effects of acid modified rice husk and nano-silicon derived from rice husk on phosphorus use efficiency in wheat and lettuce plants with differing silicon contents**  
TAŞKIN M. B., AKÇA H., Babar S. K., KADIOĞLU Y. K., DENİZ K., Kan S., GÜNEŞ A.  
Journal of Plant Nutrition, vol.46, no.10, pp.2329-2341, 2023 (SCI-Expanded)
- XI. **Paphlagonia Hadrianoupolis'i Geç Roma Villası'nda Yer Alan Duvar Resimlerinin Korunması Kapsamında Ön İnceleme Çalışmaları**  
Yetiş E., Eroğlu M., Deniz Yağcıoğlu K., Kadioğlu Y. K.  
TURKISH STUDIES, vol.16, no.7, pp.418-431, 2022 (SSCI)
- XII. **Determination of the chemical composition and Raman characterization of barite samples from Denizli and Akdamadeni, Turkey, using Energy Dispersive X-ray fluorescence and Raman microscopy**  
Kadioglu Y. K., Kariper I. A., Ustundag I.  
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.99, no.9, 2022 (SCI-Expanded)
- XIII. **Reservoir rock characterization in Edremit geothermal field: Geochemical implications for possible fault zones**  
ELİDEMİR S., Gulec N., DENİZ K., KADIOĞLU Y. K.  
APPLIED GEOCHEMISTRY, vol.143, 2022 (SCI-Expanded)
- XIV. **Magmatic signature of the closure of the northern branch of the Neo-Tethys: Upper Paleocene-Middle Eocene magmatism at the boundary of the Tavsanlı-Sakarya Zone (Turkey)**  
Güllü B., Kadioglu Y. K.  
GEOLOGICAL QUARTERLY, vol.66, no.2, 2022 (SCI-Expanded)
- XV. **Mineralogical and geochemical characterization and implications for provenance of Roman granite columns in ancient Tripolis (Denizli, Turkey)**  
KORALAY T., DENİZ K., DUMAN B., KADIOĞLU Y. K.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.14, no.6, 2021 (SCI-Expanded)
- XVI. **INFLUENCE OF CALCIUM SOURCES ON MINERALIZATION OF CALCIUM CARBONATE BY PAENIBACILLUS FAVISPORUS U3**  
BOZBEYOĞLU N. N., MERCAN DOĞAN N., ARSLAN Ş., DENİZ K., KADIOĞLU Y. K.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, no.6B, pp.7561-7572, 2021 (SCI-Expanded)
- XVII. **Underground thermal heat storage and ground source heat pump activities in Turkey**  
Cetin A., KADIOĞLU Y. K., PAKSOY H. Ö.

- SOLAR ENERGY, vol.200, pp.22-28, 2020 (SCI-Expanded)
- XVIII. **Evaluation of hair cotinine and toxic metal levels in children who were exposed to tobacco smoke**  
GÜNAY F., Cullas Ilarslan N. E., BAKAR ATEŞ F., DENİZ K., KADIOĞLU Y. K., KIRAN S., BAKIRARAR B., ÇOBANOĞLU F. N.  
PEDIATRIC PULMONOLOGY, vol.55, no.4, pp.1012-1019, 2020 (SCI-Expanded)
- XIX. **Effect of Acid Modified Biochar on the Growth and Essential and Non- Essential Element Content of Bean, Chickpea, Soybean, and Maize Grown in Calcareous Soil**  
TAŞKIN M. B., KADIOĞLU Y. K., ŞAHİN Ö., İNAL A., GÜNEŞ A.  
COMMUNICATIONS IN SOIL SCIENCE AND PLANT ANALYSIS, vol.50, no.13, pp.1604-1613, 2019 (SCI-Expanded)
- XX. **Multi-Isotope Investigations for Scientific Characterisation and Provenance Implication of Banded Travertines from Tripolis Antique City (Denizli-Turkey)**  
KORALAY T., BAYKARA M. O., DENİZ K., KADIOĞLU Y. K., DUMAN B., Shen C.  
ENVIRONMENTAL ARCHAEOLOGY, vol.24, no.3, pp.317-336, 2019 (SCI-Expanded)
- XXI. **Elemental monitoring of street dusts in Konya in Turkey**  
KARİPER İ. A., ÜSTÜNDAĞ İ., DENİZ K., MÜLAZIMOĞLU İ. E., Erdogan M. S., KADIOĞLU Y. K.  
MICROCHEMICAL JOURNAL, vol.148, pp.338-345, 2019 (SCI-Expanded)
- XXII. **Microborings as indication of cryptic life modes in the foraminifer Orbitoides: Maastrichtian sediments of the Haymana and Nallihan districts (Ankara, Turkey)**  
GÖRMÜŞ M., Demircan H., KADIOĞLU Y. K., YAĞMURLU F., Us M. S.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.28, no.2, pp.232-251, 2019 (SCI-Expanded)
- XXIII. **Step annealing and fading studies on EPR signals of Durango apatite for various grain size fractions at the edge of the nano-scale; comparison with the corresponding luminescence results**  
Meric N., Aslar E., ŞAHİNER E., KADIOĞLU Y. K., Polymeris G. S.  
RADIATION MEASUREMENTS, vol.120, pp.241-246, 2018 (SCI-Expanded)
- XXIV. **Properties of quartz TA - OSL signal with a peculiar decay shape for SAR TA - OSL applications**  
Polyrneris G. S., ŞAHİNER E., Kadioglu Y. K., Meric N.  
RADIATION MEASUREMENTS, vol.120, pp.176-180, 2018 (SCI-Expanded)
- XXV. **Geochemistry and origin of Fe-Mn oxide mineralization in Kaoje-Derena and their environs, northwestern Nigeria**  
Bamigboye O. S., Adekeye J. I. D., KADIOĞLU Y. K., Adedoyin A. D., Omorinoye O. A.  
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, no.19, 2018 (SCI-Expanded)
- XXVI. **Use of tourmaline as a potential petrogenetic indicator in the determination of host magma: CRS, XRD and PED-XRF methods**  
GÜLLÜ B., KADIOĞLU Y. K.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.183, pp.68-74, 2017 (SCI-Expanded)
- XXVII. **Gold nanoparticle included graphene oxide modified electrode: Picomole detection of metal ions in seawater by stripping voltammetry**  
ÜSTÜNDAĞ İ., Erkal A., KORALAY T., KADIOĞLU Y. K., Jeon S.  
JOURNAL OF ANALYTICAL CHEMISTRY, vol.71, no.7, pp.685-695, 2016 (SCI-Expanded)
- XXVIII. **Visualization of buried anti-tank landmines and soil pollution: analyses using ground penetrating radar method with attributes and petrographical methods**  
KADIOĞLU S., KADIOĞLU Y. K.  
NEAR SURFACE GEOPHYSICS, vol.14, no.2, pp.183-195, 2016 (SCI-Expanded)
- XXIX. **Assimilation and fractional crystallization of foid-bearing alkaline rocks: Buzlukdag intrusives, Central Anatolia, Turkey**  
DENİZ K., KADIOĞLU Y. K.  
TURKISH JOURNAL OF EARTH SCIENCES, vol.25, no.4, pp.341-366, 2016 (SCI-Expanded)
- XXX. **İller bank-Atasehir-building ground source heat pump system and thermal response test - case study**  
Cetin A., Isik O., Cetin S., KADIOĞLU Y. K., Paksoy H.  
BULGARIAN CHEMICAL COMMUNICATIONS, vol.48, pp.27-30, 2016 (SCI-Expanded)

- XXXI. **The origin and determination of silica types in the silica occurrences from Altintas region (Usak-Western Anatolia) using multianalytical techniques**  
KORALAY T., KADIOĞLU Y. K.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.137, pp.516-526, 2015 (SCI-Expanded)
- XXXII. **The alteration degree of the metacrystalline rocks based on UAI, Bolu (Turkey)**  
KILIÇ R., ULAMIŞ K., Yurdakul M., KADIOĞLU Y. K.  
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.73, no.1, pp.193-201, 2014 (SCI-Expanded)
- XXXIII. **ELEMENTAL COMPOSITION OF PEPPER PLANTS FERTILIZED WITH PELLETIZED POULTRY MANURE**  
ŞAHİN Ö., TAŞKIN M. B., KADIOĞLU Y. K., İNAL A., Pilbeam D. J., GÜNEŞ A.  
JOURNAL OF PLANT NUTRITION, vol.37, no.3, pp.458-468, 2014 (SCI-Expanded)
- XXXIV. **Ground penetrating radar and microwave tomography for the safety management of a cultural heritage site: Miletos İlyas Bey Mosque (Turkey)**  
KADIOĞLU S., KADIOĞLU Y. K., Catapano I., Soldovieri F.  
JOURNAL OF GEOPHYSICS AND ENGINEERING, vol.10, no.6, 2013 (SCI-Expanded)
- XXXV. **Localization and distribution of nickel and other elements in in-vitro grown Alyssum corsicum exhibiting morphological changes in trichomes: Initial insights into molecular mechanisms of nickel hyperaccumulation**  
BABAĞLU AYDAŞ S. S., AÇIK L., Leduc D., Adigüzel N., Ellialtıoğlu Ş. Ş., Suludere Z., KADIOĞLU Y. K.  
Turkish Journal of Botany, vol.37, no.6, pp.1115-1124, 2013 (SCI-Expanded)
- XXXVI. **Identifying of buried archaeological remains with ground penetrating radar, polarized microscope and confocal Raman spectroscopy methods in ancient city of Nysa, Aydin - Turkey**  
KADIOĞLU S., KADIOĞLU M., KADIOĞLU Y. K.  
JOURNAL OF ARCHAEOLOGICAL SCIENCE, vol.40, no.10, pp.3569-3583, 2013 (SCI-Expanded)
- XXXVII. **Determination of Tourmaline Composition in Pegmatite From Buldan, Denizli (Western Anatolia, Turkey) Using XRD, XRF, and Confocal Raman Spectroscopy**  
KORALAY T., KADIOĞLU Y. K., Jiang S.  
SPECTROSCOPY LETTERS, vol.46, no.7, pp.499-506, 2013 (SCI-Expanded)
- XXXVIII. **Assessment of heavy metal levels in sediment samples of Kapulukaya Dam Lake (Kirikkale) and lower catchment area**  
KANKILIÇ G. B., TÜZÜN İ., KADIOĞLU Y. K.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.185, no.8, pp.6739-6750, 2013 (SCI-Expanded)
- XXXIX. **Influence of chloride and bromate interaction on oxidative stress in carrot plants**  
ŞAHİN Ö., TAŞKIN M. B., KADIOĞLU Y. K., İNAL A., GÜNEŞ A., Pilbeam D. J.  
SCIENTIA HORTICULTURAE, vol.137, pp.81-86, 2012 (SCI-Expanded)
- XL. **Late Holocene terrestrial tephra record at western Anatolia, Turkey: Possible evidence of an explosive eruption outside Santorini in the eastern Mediterranean**  
Kazancö N., Boyraz S., Özkul M., Alçıçek M., Kadööğlu Y. K.  
Global and Planetary Change, vol.80-81, pp.36-50, 2012 (SCI-Expanded)
- XLI. **Analysis of inorganic elements in a dacryolith using polarised X-ray fluorescence spectrometry: A case report**  
ÖZER S., Ozer P., Ortarik Z., Tuncer S., Gullu B., KADIOĞLU Y. K.  
Eye (Basingstoke), vol.26, no.6, pp.887, 2012 (SCI-Expanded)
- XLII. **Monitoring buried remains with a transparent 3D half bird's eye view of ground penetrating radar data in the Zeynel Bey tomb in the ancient city of Hasankeyf, Turkey**  
KADIOĞLU S., KADIOĞLU Y. K., Akyol A. A.  
JOURNAL OF GEOPHYSICS AND ENGINEERING, vol.8, no.3, 2011 (SCI-Expanded)
- XLIII. **Determination of the chemical composition in the kapulukaya reservoir sediment by using the pedxrf method**  
Baçaran G., Tüzün I., Toyran K., KADIOĞLU Y. K.  
Fresenius Environmental Bulletin, vol.20, no.6 A, pp.1494-1499, 2011 (SCI-Expanded)

- XLIV. **Weak compositional zonation in a silicic magmatic system: Incesu ignimbrite, Central Anatolian Volcanic Province (Kayseri - Turkey)**  
Koralay T., KADIOĞLU Y. K., Davis P.  
Journal of Asian Earth Sciences, vol.40, no.1, pp.371-393, 2011 (SCI-Expanded)
- XLV. **Acute Silicoproteinosis: Therapy Success**  
KARNAK D., Koycu G., ERDEMLİ E., SAK S., KADIOĞLU Y. K.  
RESPIRATION, vol.82, no.6, pp.550-551, 2011 (SCI-Expanded)
- XLVI. **Essential and non-essential element composition of tomato plants fertilized with poultry manure**  
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