

Prof. SÜLEYMAN GÜRDAL TUNCEL

Personal Information

Email: tuncel@metu.edu.tr

Web: <https://avesis.metu.edu.tr/tuncel>

Education Information

Doctorate, University of Maryland, Kimya Bölümü, United States Of America 1979 - 1984

Postgraduate, Middle East Technical University, Institute of Marine Sciences, Kimyasal Oşinografi Anabilim Dalı, Turkey 1976 - 1978

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 1970 - 1976

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Particles at the South Pole Atmosphere: Temporal Variations and Sources, University Of Maryland, Kimya Bölümü, 1984

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1987 - Continues

Advising Theses

TUNCEL S. G., Effect of meteorology and transport on particle concentrations and size distribution in Eastern Mediterranean atmosphere, Doctorate, E.SENA(Student), 2022

TUNCEL S. G., Ionic composition of precipitation in Marmaris station, Postgraduate, G.Yücel(Student), 2019

TUNCEL S. G., The assessment of the radiological impacts of routine releases from Metsamor nuclear power plant (Armenia) on the province of Iğdır (Turkey) by two approaches, Postgraduate, M.Nihan(Student), 2019

TUNCEL S. G., Spatial and temporal distribution of inorganic and organic pollutant concentrations at Northwestern Anatolia, Postgraduate, U.Sarisaltık(Student), 2019

TUNCEL S. G., Ionic composition of rainwater on the Black Sea Coast of Turkey, Postgraduate, P.Tuncer(Student), 2019

TUNCEL S. G., Forecasting carbon dioxide emissions of Turkey's international civil aviation through 2030, Postgraduate, D.Kaymak(Student), 2019

TUNCEL S. G., Design and construction of a sampling system that can collect PM10, PM2.5 and PM1 samples simultaneously from atmosphere, Postgraduate, Ö.Ateş(Student), 2019

TUNCEL S. G., Chemical composition of atmospheric particles as a tool to identify sources affecting aerosol population in

the Eastern Black Sea atmosphere, Doctorate, İ.BALÇILAR(Student), 2018

TUNCEL S. G., Identification and source apportionment of trace elements in urban and suburban area of Ankara, Postgraduate, T.GOLİ(Student), 2017

İMAMOĞLU İ., TUNCEL S. G., Determination of organic particle composition in Ankara atmosphere and investigation of their contribution to receptor modeling, Doctorate, E.KOÇAK(Student), 2017

TUNCEL S. G., Determination of source apportionment of volatile organic compounds in Ankara, Postgraduate, E.SERT(Student), 2017

TUNCEL S. G., Sources of volatile organic compounds at urban and rural Kütahya atmosphere, Postgraduate, T.BEK(Student), 2015

İMAMOĞLU İ., TUNCEL S. G., Source apportionment of volatile organic compounds in Ankara atmosphere, Postgraduate, E.SENA(Student), 2015

TUNCEL S. G., Chemical composition of precipitation in different parts of Turkey, Postgraduate, G.AYAKLI(Student), 2014

TUNCEL S. G., Chemical composition of precipitation at different parts of Turkey, Postgraduate, G.Ayaklı(Student), 2014

TUNCEL S. G., Variation of sulphate source regions affecting sulphate concentrations in the Eastern Mediterranean atmosphere, Postgraduate, Z.MALKAZ(Student), 2014

TUNCEL S. G., Tuncel S., Development of radioecological model for accidental radionuclide release: Akkuyu and Sinop nuclear power plants, Doctorate, L.Özge(Student), 2014

TUNCEL S. G., Temporal variation of volatile organic compound concentrations in Bursa atmosphere, Doctorate, S.YURDAKUL(Student), 2014

TUNCEL S. G., Biosecurity of agricultural product through speciation of pesticides: Ayaş tomato, Postgraduate, K.M. (Student), 2014

İMAMOĞLU İ., TUNCEL S. G., Source apportionment of trace elements in Ankara, Postgraduate, İ.ÇELİK(Student), 2014

TUNCEL S. G., Development of a radioecological model for accidental release of radionuclides: Akkuyu and Sinop nuclear power plants, Doctorate, L.ÖZGE(Student), 2014

TUNCEL S. G., Chemical composition of particles at a rural site at Northwestern Turkey: Gateway to the Central Anatolian Plateau, Postgraduate, E.SAĞIRLI(Student), 2013

TUNCEL S. G., Ambient VOC concentrations in the city of Balıkesir and its environment, Postgraduate, G.EFDAL(Student), 2013

TUNCEL S. G., Determination of ambient levels and sources of volatile organic compounds in İzmir-Aliaga region, Doctorate, G.DOĞAN(Student), 2013

TUNCEL S. G., Temporal variation in aerosol composition at Northwestern Turkey, Doctorate, D.DENİZ(Student), 2013

TUNCEL S. G., Spatial distribution of organic pollutants in Bursa atmosphere: Seasonality and health effects, Doctorate, M.YILMAZ(Student), 2010

TUNCEL S. G., AKYÜREK S. Z., Development of GIS based trajectory statistical analysis method to identify potential sources of regional air pollution, Postgraduate, R.FİKRET(Student), 2010

TUNCEL S. G., Investigating the CO₂ emission of Turkish electricity sector and its mitigation potential, Postgraduate, İ.ARI(Student), 2010

TUNCEL S. G., Investigation of short and long term trends in the eastern Mediterranean aerosol composition, Doctorate, F.ÖZTÜRK(Student), 2009

TUNCEL S. G., Investigation of passive sampling of NO₂ and O₃ in ambient air and determination of the effects of meteorological parameters to the uptake rate, Postgraduate, E.BAYINDIR(Student), 2008

TUNCEL S. G., Chemical composition of atmospheric particles in the Aegean region, Postgraduate, B.MUNZUR(Student), 2008

TUNCEL S. G., Investigation of 8-year-long composition record in the Eastern Mediterranean precipitation, Postgraduate, Ö.İŞIKDEMİR(Student), 2006

TUNCEL S. G., Short and long term variations in the concentrations of gaseous and particulate pollutants in Ankara and assessment of traffic contribution, Postgraduate, D.DENİZ(Student), 2005

TUNCEL S. G., Temporal variations and sources of organic pollutants in two urban atmospheres: Ankara and Ottawa, Doctorate, Ö.OĞUZ(Student), 2005

TUNCEL S. G., Comparison of the rural atmosphere aerosol compositions at different parts of Turkey, Postgraduate, G.DOĞAN(Student), 2005

TUNCEL S. G., Investigation of the relationship between aerosol and rainwater composition, Postgraduate, A.TÜRKÜM(Student), 2004

TUNCEL S. G., Composition of atmosphere at central Anatolia, Postgraduate, E.YÖRÜK(Student), 2004

TUNCEL S. G., Composition of atmosphere at the Central Anatolia, Postgraduate, E.Yörük(Student), 2004

TUNCEL S. G., Modeling and forecasting air pollutants using artificial neural network approach, Postgraduate, R.TANSEL(Student), 2003

TUNCEL S. G., A modelling study for the health risk posed by nuclear power plant in Bulgaria at different parts of Turkey, Postgraduate, Ö.ÜNVER(Student), 2003

TUNCEL S. G., A modelling study for the health risk posed by nuclear power plant in Bulgaria at different parts of Turkey, Postgraduate, Ö.Ünver(Student), 2003

TUNCEL S. G., Elemental tracers for Saharan Dust, Postgraduate, B.ÇETİN(Student), 2002

TUNCEL S. G., AKYÜREK S. Z., Integration of geographic information systems with environmental impact assessment: A case study on Çamlı dam, Postgraduate, E.ESENGİN(Student), 2002

TUNCEL S. G., Solubility of trace metals in atmospheric aerosols, Postgraduate, N.BANU(Student), 2001

TUNCEL S. G., Investigation of biogenic sulfur in eastern mediterranean basin, Postgraduate, B.UZUN(Student), 2000

TUNCEL S. G., Chemical composition of precipitation in central Anatolia, Postgraduate, B.TUNÇER(Student), 2000

TUNCEL S. G., Identification of source regions affecting chemical composition of atmospheric particles in Eastern Mediterranean using trajectory statistics, Postgraduate, C.GAMZE(Student), 2000

TUNCEL S. G., Investigation of the sediments of İzmir Bay: Trace elements, Postgraduate, R.SİNEM(Student), 2000

TUNCEL S. G., Calculation of critical acid loads for Turkey, Postgraduate, B.ERDOĞAN(Student), 1999

TUNCEL S. G., Changes in the chemical composition of soil in Ankara due to the deposition of atmospheric pollutants, Postgraduate, O.DEVRİM(Student), 1998

TUNCEL S. G., Investigation of soil pollution in the city of Antalya, Postgraduate, N.GÜVENÇ(Student), 1998

TUNCEL S. G., Assessment of the potential impacts of fugitive dust from Seyitömer (Kütahya) Coal-Fired power plant fly ash disposal area, Postgraduate, A.HAMZAOĞLU(Student), 1998

TUNCEL S. G., Size separation and dry deposition fluxes of particles in the eastern mediterranean basin, Postgraduate, E.KULOĞLU(Student), 1997

TUNCEL S. G., Long range transport of aerosols, Doctorate, G.Güllü(Student), 1996

TUNCEL S. G., Long-range atmospheric transport of pollutants to the Eastern Mediterranean Basin, Doctorate, İ.AL(Student), 1995

TUNCEL S. G., Impacts of the proposed Aliğa Thermal power plant on the sulphur dioxide concentration and sulphur deposition patterns in the Aliğa air-shed, Postgraduate, C.ARPACIOĞLU(Student), 1993

TUNCEL S. G., Application of a regional air pollution transport model for Türkiye, Postgraduate, T.PERVAN(Student), 1991

TUNCEL S. G., Development of an air emission inventory for Türkiye for use in a regional air pollution transport model, Postgraduate, G.GÜLBEN(Student), 1991

TUNCEL S. G., Sources of acid forming ions in a rural and urban airshed, Postgraduate, F.ELİYAKUT(Student), 1990

TUNCEL S. G., Trace elements in the black sea atmosphere: concentrations and variations, Postgraduate, G.HACISALİHOĞLU(Student), 1989

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Modification of Saharan dust size distribution during its transport over the Anatolian Plateau**
UZUNPINAR E. S., İMAMOĞLU İ., Rahmani A., Tuncel G.
Science of the Total Environment, vol.892, 2023 (SCI-Expanded)
- II. **Trace element composition of fine and coarse particles at a background mountain station in Eastern Mediterranean: Assessment aerosol components and their source regions**
Uzunpınar S., Balçılar İ., İMAMOĞLU İ., Zararsız A., Kalaycı Y., Tuncel G.
Atmospheric Environment, vol.307, 2023 (SCI-Expanded)
- III. **Factors affecting particle number size distributions at a suburban and a rural site at the Anatolian**

Plateau

UZUNPINAR E. S., İMAMOĞLU İ., Rahmani A., Tuncel G.
Atmospheric Pollution Research, vol.13, no.7, 2022 (SCI-Expanded)

- IV. **Characterization and source apportionment of carbonaceous aerosols in fine particles at urban and suburban atmospheres of Ankara, Turkey**
Koçak E., Aslan Kilavuz S., Öztürk F., Imamoğlu I., Tuncel G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.20, pp.25701-25715, 2021 (SCI-Expanded)
- V. **Potential sources and measured concentrations of VOCs in Balıkesir ambient atmosphere**
Yalcin E., TECER L. H., YURDAKUL S., Tuncel G.
ATMOSPHERA, vol.33, no.3, pp.269-284, 2020 (SCI-Expanded)
- VI. **Long range transport of pollutants from Europe to the Eastern Mediterranean**
Almomani I., GÜLLÜ G., ELER Ü., Erdal Ö., Şirin G., TUNCEL S. G.
Fresenius Environmental Bulletin, vol.8, pp.249-256, 2019 (SCI-Expanded)
- VII. **Temporal variations of VOC concentrations in Bursa atmosphere**
YURDAKUL S., Civan M., Kuntasal O., Dogan G., Pekey H., Tuncel G.
ATMOSPHERIC POLLUTION RESEARCH, vol.9, no.2, pp.189-206, 2018 (SCI-Expanded)
- VIII. **Temporal variations of Eastern Black Sea aerosols**
BALCILAR İ., Zararsız A., Kalaycı Y., DOĞAN G., TUNCEL S. G.
Global Nest Journal, vol.20, pp.115-121, 2018 (SCI-Expanded)
- IX. **Vertical variation and source evaluation of VOCs and inorganic pollutants in a university building**
YURDAKUL S., CİVAN M., DOĞAN G., Uzmez O. O., Gaga E. O., Dogeroglu T., Ayakli G., Tuncel G.
ENVIRONMENTAL FORENSICS, vol.19, no.4, pp.327-340, 2018 (SCI-Expanded)
- X. **SIMILARITIES AND DIFFERENCES IN COMPOSITIONS OF EASTERN AND WESTERN BLACK SEA AEROSOL**
BALCILAR İ., ZARARSIZ A., KALAYCI Y., DOĞAN G., TUNCEL S. G.
Fresenius Environmental Bulletin, vol.26, pp.301-309, 2017 (SCI-Expanded)
- XI. **SIMILARITIES AND DIFFERENCES IN COMPOSITIONS OF EASTERN AND WESTERN BLACK SEA AEROSOL**
BALCILAR İ., ZARARSIZ A., KALAYCI Y., DOĞAN G., TUNCEL S. G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.301-309, 2017 (SCI-Expanded)
- XII. **Spatial variation of VOCs and inorganic pollutants in a university building**
Yurdakul S., Civan M., Özden Üzmez Ö., Gaga E. E., Döğeroğlu T., Tuncel S. G.
Atmospheric Pollution Research, vol.8, pp.1-12, 2017 (SCI-Expanded)
- XIII. **PM_{2.5} bound organic molecular marker Speciation methods and observations from Daily measurements in Ankara, Turkey**
KOÇAK E., ASLAN KILAVUZ S., İMAMOĞLU İ., TUNCEL S. G.
Fresenius Environmental Bulletin, vol.26, pp.263-272, 2017 (SCI-Expanded)
- XIV. **Spatial variation of VOCs and inorganic pollutants in a university building**
YURDAKUL S., CİVAN M., ÖZDEN ÜZMEZ Ö., Gaga E., DÖĞEROĞLU T., Tuncel G.
ATMOSPHERIC POLLUTION RESEARCH, vol.8, no.1, pp.1-12, 2017 (SCI-Expanded)
- XV. **PM_{2.5} BOUND ORGANIC MOLECULAR MARKER SPECIATION METHODS AND OBSERVATIONS FROM DAILY MEASUREMENTS IN ANKARA, TURKEY**
Kocak E., Kilavuz S. A., İMAMOĞLU İ., Tuncel G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.1, pp.263-272, 2017 (SCI-Expanded)
- XVI. **A New Approach for Site Selection of Air Quality Monitoring Stations: Multi-Criteria Decision-Making**
Hacıoğlu H., ARI A., Özkan A., ELBİR T., TUNCEL S. G., Yay O. D., Gaga E. O.
AEROSOL AND AIR QUALITY RESEARCH, vol.16, no.6, pp.1390-1402, 2016 (SCI-Expanded)
- XVII. **Determination of Phthalates in Milk by Ultrasound-Assisted Dispersive Liquid-Liquid Microextraction and Gas Chromatography-Mass Spectrometry**
TUNCEL S. G., Senlik D.
ANALYTICAL LETTERS, vol.49, no.9, pp.1334-1343, 2016 (SCI-Expanded)

- XVIII. **Determination of the personal, indoor and outdoor exposure levels of inorganic gaseous pollutants in different microenvironments in an industrial city**
BOZKURT Z., DOĞAN G., ARSLANBAŞ D., PEKEY B., PEKEY H., DUMANOĞLU Y., BAYRAM A., TUNCEL S. G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.187, no.9, 2015 (SCI-Expanded)
- XIX. **Source Identification of Volatile Organic Compounds and Particulate Matters in an Urban and Industrial Areas of Turkey**
PEKEY B., PEKEY H., DOĞAN G., TUNCEL S. G., Arslanbaşı D., BOZKURT Z.
Ekoloji, vol.24, pp.1-9, 2015 (SCI-Expanded)
- XX. **Polycyclic aromatic hydrocarbons (PAHs) in sea sediments of the Turkish Mediterranean coast, composition and sources**
TUNCEL S. G., Topal T.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, no.6, pp.4213-4221, 2015 (SCI-Expanded)
- XXI. **Spatial and temporal variations in atmospheric VOCs, NO₂, SO₂, and O₃ concentrations at a heavily industrialized region in Western Turkey, and assessment of the carcinogenic risk levels of benzene**
CİVAN M., ELBİR T., Seyfioglu R., Kuntasal Ö., BAYRAM A., DOĞAN G., YURDAKUL S., Andic O., Muezzinoglu A., SOFUOĞLU S. C., et al.
ATMOSPHERIC ENVIRONMENT, vol.103, pp.102-113, 2015 (SCI-Expanded)
- XXII. **Ionic composition of aerosols at Northwestern Turkey**
Tokgoz D. D. G., Dogan G., Ilhan A. I., Balta T., TUNCEL S. G.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.7, no.2, pp.161-172, 2015 (SCI-Expanded)
- XXIII. **Sources of Volatile Organic Compounds in a University Building**
Akal D., YURDAKUL S., CİVAN M., TUNCEL S. G., Ersan H. Y.
ENVIRONMENTAL FORENSICS, vol.16, no.2, pp.173-185, 2015 (SCI-Expanded)
- XXIV. **Chemical composition of Eastern Black Sea aerosol-Preliminary results**
BALCILAR İ., Zararsız A., Kalaycı Y., DOĞAN G., TUNCEL S. G.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.488, pp.424-430, 2014 (SCI-Expanded)
- XXV. **C₅-C₁₂ volatile organic compounds at roadside, residential, and background locations in Ankara, Turkey: Temporal and spatial variations and sources**
Kuntasal Ö., Kilavuz S. A., Karman D., Wang D., TUNCEL S. G.
JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, vol.63, no.10, pp.1148-1162, 2013 (SCI-Expanded)
- XXVI. **Volatile organic compounds in suburban Ankara atmosphere, Turkey: Sources and variability**
YURDAKUL S., CİVAN M., TUNCEL S. G.
ATMOSPHERIC RESEARCH, vol.120, pp.298-311, 2013 (SCI-Expanded)
- XXVII. **Source Apportionment of Personal Exposure to Fine Particulate Matter and Volatile Organic Compounds using Positive Matrix Factorization**
PEKEY H., PEKEY B., ARSLANBAŞ D., BOZKURT Z., DOĞAN G., TUNCEL S. G.
WATER AIR AND SOIL POLLUTION, vol.224, no.1, 2013 (SCI-Expanded)
- XXVIII. **Temporal variations of BTX compounds in Bursa/Turkey atmosphere**
Yurdakul S., CİVAN M., Kuntasal O. O., TUNCEL S. G.
INTERNATIONAL JOURNAL OF GLOBAL WARMING, vol.5, no.3, pp.326-344, 2013 (SCI-Expanded)
- XXIX. **Temporal variations and sources of Eastern Mediterranean aerosols based on a 9-year observation**
ÖZTÜRK F., zararsız A., Dutkiewicz V. A., Husain L., Hopke P. K., TUNCEL S. G.
ATMOSPHERIC ENVIRONMENT, vol.61, pp.463-475, 2012 (SCI-Expanded)
- XXX. **Metallic composition and source apportionment of fine and coarse particles using positive matrix factorization in the southern Black Sea atmosphere**
TECER L. H., TUNCEL S. G., KARACA F., Alagha O., Suren P., Zararsız A., Kirmaz R.
ATMOSPHERIC RESEARCH, vol.118, pp.153-169, 2012 (SCI-Expanded)
- XXXI. **Improvement of uptake rate equations depending on meteorological conditions for 25 volatile organic compounds**
CİVAN M., YURDAKUL S., TUNCEL S. G.
TALANTA, vol.99, pp.720-729, 2012 (SCI-Expanded)

- XXXII. **Evaluation of adsorbents with passive sampling and their analytical methods to determine volatile organic compounds emitted from vehicular exhaust**
CİVAN M., TUNCEL S. G.
Energy Education Science And Technology Part A-Energy Science And Research, vol.29, pp.563-576, 2012 (SCI-Expanded)
- XXXIII. **Evaluation of adsorbents with passive sampling and their analytical methods to determine volatile organic compounds emitted from vehicular exhaust**
CİVAN M., Tuncel G.
ENERGY EDUCATION SCIENCE AND TECHNOLOGY PART A-ENERGY SCIENCE AND RESEARCH, vol.29, no.1, pp.563-576, 2012 (SCI-Expanded)
- XXXIV. **Elemental composition of PM10 and PM2.5 in Erzurum urban atmosphere, Turkey**
BAYRAKTAR H., TUNCEL S. G., Zararsız A.
Fresenius Environmental Bulletin, vol.20, pp.1124-1134, 2011 (SCI-Expanded)
- XXXV. **An approach to measure trace elements in particles collected on fiber filters using EDXRF**
ÖZTÜRK F., Zararsız A., Kırmaz R., TUNCEL S. G.
TALANTA, vol.83, no.3, pp.823-831, 2011 (SCI-Expanded)
- XXXVI. **Source Apportionment of Ambient Volatile Organic Compounds in Bursa, a Heavily Industrialized City in Turkey**
CİVAN M., Kuntasal O. O., TUNCEL S. G.
ENVIRONMENTAL FORENSICS, vol.12, no.4, pp.357-370, 2011 (SCI-Expanded)
- XXXVII. **ELEMENTAL COMPOSITION OF PM10 AND PM2.5 IN ERZURUM URBAN ATMOSPHERE, TURKEY**
BAYRAKTAR H., Turalioğlu F. S., Tuncel G., Zararsız A.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, no.5, pp.1124-1134, 2011 (SCI-Expanded)
- XXXVIII. **Air pollution forecasting in Ankara, Turkey using air pollution index and its relation to assimilative capacity of the atmosphere**
genç D., Yesilyurt C., TUNCEL S. G.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.166, pp.11-27, 2010 (SCI-Expanded)
- XXXIX. **Indoor/outdoor concentrations and elemental composition of PM10/PM2.5 in urban/industrial areas of Kocaeli City, Turkey**
PEKEY B., BOZKURT Z., PEKEY H., DOĞAN G., Zararsız A., Efe N., TUNCEL S. G.
INDOOR AIR, vol.20, no.2, pp.112-125, 2010 (SCI-Expanded)
- XL. **Average mass concentrations of TSP, PM10 and PM2.5 in Erzurum urban atmosphere, Turkey**
BAYRAKTAR H., TURALIOĞLU F. S., TUNCEL S. G.
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.24, no.1, pp.57-65, 2010 (SCI-Expanded)
- XLI. **Measurement of black carbon (BC) by an optical method and a thermal-optical method: Intercomparison for four sites**
Tanveer A., Vincent Ahmed D., Akhtar S., TUNCEL S. G., TUNCEL S., Liaquat H.
ATMOSPHERIC ENVIRONMENT, vol.43, no.40, pp.6305-6311, 2009 (SCI-Expanded)
- XLII. **Sources and Wet Deposition Fluxes of Polycyclic Aromatic Hydrocarbons (PAHs) in an Urban Site 1000 Meters High in Central Anatolia (Turkey)**
GAGA E. E., TUNCEL S. G., TUNCEL S.
ENVIRONMENTAL FORENSICS, vol.10, no.4, pp.286-298, 2009 (SCI-Expanded)
- XLIII. **Comparison of sources affecting chemical compositions of aerosol and rainwater at different locations in Turkey**
Türküm A., PEKEY B., PEKEY H., TUNCEL S. G.
ATMOSPHERIC RESEARCH, vol.89, no.4, pp.306-314, 2008 (SCI-Expanded)
- XLIV. **Investigating relationships between aerosol and rainwater compositions at different locations in Turkey**
Turkum A., PEKEY H., PEKEY B., TUNCEL S. G.
ATMOSPHERIC RESEARCH, vol.89, no.4, pp.315-323, 2008 (SCI-Expanded)
- XLV. **Air and groundwater pollution in an agricultural region of the Turkish Mediterranean coast**

- TUNCEL S. G., Oztas N. B., Erduran M. S.
JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, vol.58, no.9, pp.1240-1249, 2008 (SCI-Expanded)
- XLVI. **Sources and source regions effecting the aerosol composition of the Eastern Mediterranean**
DOĞAN G., Guellue G., TUNCEL S. G.
MICROCHEMICAL JOURNAL, vol.88, no.2, pp.142-149, 2008 (SCI-Expanded)
- XLVII. **Effect of meteorological parameters on fine and coarse particulate matter mass concentration in a coal-mining area in Zonguldak, Turkey**
TECER L. H., Suren P., Alagha Ö., KARACA F., TUNCEL S. G.
JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, vol.58, no.4, pp.543-552, 2008 (SCI-Expanded)
- XLVIII. **Multivariate statistics to investigate metal contamination in surface soil**
YAY O. D., Alagha O., TUNCEL S. G.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.86, no.4, pp.581-594, 2008 (SCI-Expanded)
- XLIX. **Source Apportionment of Atmospheric Trace Element Deposition**
Yenisoy-Karakas S., TUNCEL S. G.
ENVIRONMENTAL ENGINEERING SCIENCE, vol.25, no.9, pp.1263-1271, 2008 (SCI-Expanded)
- L. **Particulate matter (PM_{2.5}, PM_{10-2.5}, and PM₁₀) and children's hospital admissions for asthma and respiratory diseases: A bidirectional case-crossover study**
TECER L. H., Alagha O., KARACA F., TUNCEL S. G., Eldes N.
JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART A-CURRENT ISSUES, vol.71, no.8, pp.512-520, 2008 (SCI-Expanded)
- LI. **Determination of volatile organic compounds in different microenvironments by multibed adsorption and short-path thermal desorption followed by gas chromatographic-mass spectrometric analysis**
Oznur K., Deniz K., Daniel W., TUNCEL S., TUNCEL S. G.
JOURNAL OF CHROMATOGRAPHY A, vol.1099, pp.43-54, 2005 (SCI-Expanded)
- LII. **Atmospheric trace element and major ion concentrations over the eastern Mediterranean Sea: Identification of anthropogenic source regions**
GÜLLÜ G., DOĞAN G., TUNCEL S. G.
ATMOSPHERIC ENVIRONMENT, vol.39, no.34, pp.6376-6387, 2005 (SCI-Expanded)
- LIII. **Size distribution of trace elements and major ions in the eastern Mediterranean atmosphere**
Kuloglu E., TUNCEL S. G.
WATER AIR AND SOIL POLLUTION, vol.167, pp.221-241, 2005 (SCI-Expanded)
- LIV. **Determination of major and rare earth elements in bastnasite ores by ICP-AES**
Yenisoy-Karakas S., Gaga E., Dogangun A., Tuncel S.
ANALYTICAL LETTERS, vol.37, no.13, pp.2701-2709, 2004 (SCI-Expanded)
- LV. **Geographic patterns of elemental deposition in the Aegean region of Turkey indicated by the lichen, Xanthoria parietina (L.) Th. Fr.**
Yenisoy-Karakas S., Tuncel S.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.329, pp.43-60, 2004 (SCI-Expanded)
- LVI. **Determination of metal concentrations in lichen samples by inductively coupled plasma atomic emission spectroscopy technique after applying different digestion procedures**
Tuncel S., Yenisoy-Karakas S., Dogangun A.
TALANTA, vol.63, no.2, pp.273-277, 2004 (SCI-Expanded)
- LVII. **Source apportionment of trace elements in the Eastern Mediterranean atmosphere**
GÜLLÜ G., Ölmez İ., TUNCEL S. G.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.259, no.1, pp.163-171, 2004 (SCI-Expanded)
- LVIII. **The use of nuclear techniques in source apportionment studies, exemplified by recent studies in Turkey**
GÜLLÜ G., TUNCEL S. G.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.259, no.2, pp.335-339, 2004 (SCI-Expanded)
- LIX. **Comparison of accumulation capacities of two lichen species analyzed by instrumental neutron**

activation analysis

Yenisoy-Karakas S., Tuncel S.

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.259, no.1, pp.113-118, 2004 (SCI-Expanded)

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ATEŞ Ö., BALCILAR İ., TUNCEL S. G.
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Ateş Ö., BALCILAR İ., TUNCEL S. G.
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