

## Prof. ALİ GÖKMEN

### Personal Information

**Email:** agokmen@metu.edu.tr

**Web:** <https://avesis.metu.edu.tr/agokmen>

### Education Information

Doctorate, University of Maryland, College Park, Kimya, United States Of America 1977 - 1981

Postgraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 1974 - 1976

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 1969 - 1974

### Dissertations

Doctorate, REACTION MECHANISMS OF ALPHA-PARTICLE-INDUCED REACTIONS OF LIGHT PARTICLE NUCLEI, University Of Maryland, College Park, Kimya, 1981

Postgraduate, CALCULATION OF NUCLEAR LEVEL DENSITIES WITH STATIC DEFORMATION, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 1976

### Advising Theses

AKDAĞ A., GÖKMEN A., Design, synthesis, and characterization of potential self-sorting compounds through differential solvation, Postgraduate, G.TEKİN(Student), 2016

GÖKMEN A., Development of backscattered laser-induced spectrofluorometer and measurement of phytoplanktons in-situ., Postgraduate, H.Tarık(Student), 1998

GÖKMEN A., Development of backscattered laser-induced spectrofluorometer and measurement of phytoplanktons in-situ, Postgraduate, H.BAYTEKİN(Student), 1998

GÖKMEN A., Spectroscopic characterization of laser produced plasmas and investigation of physical plasma parameters, Postgraduate, Ş.YALÇIN(Student), 1995

GÖKMEN A., Spectroscopic characterization of laser produced plasmas and investigation of physical plasma parameters, Doctorate, S.Yalcin(Student), 1995

GÖKMEN A., Optical emission study of gaseous discharges in (N<sub>2</sub>+X) binary gas mixtures (X=Ar,CO<sub>2</sub>;O<sub>2</sub>,Cf<sub>2</sub>,CF<sub>3</sub>,SF<sub>6</sub>,CCl<sub>4</sub>;CHCl<sub>3</sub>,CH<sub>2</sub>Cl<sub>2</sub>), Doctorate, V.ZENGİN(Student), 1994

GÖKMEN A., Optical emission study of gaseous discharges in (N<sub>2</sub>+X) binary gas mixtures (X = Ar, CO<sub>2</sub>, O<sub>2</sub>, CF<sub>2</sub>Cl<sub>2</sub>, CF<sub>3</sub>H, SF<sub>6</sub>, CCl<sub>4</sub>, CHCl<sub>3</sub>, CH<sub>2</sub>Cl<sub>2</sub>), Doctorate, V.Zengin(Student), 1994

GÖKMEN A., Radiochronology of Marmara sea sediments by natural 210pb, Postgraduate, M.YILDIZ(Student), 1992

GÖKMEN A., Development of computer controlled spectrofluorometer, Postgraduate, M.HAMADA(Student), 1990

GÖKMEN A., Compound identification with infrared spectra using computer, Postgraduate, L.Okatan(Student), 1988

GÖKMEN A., Background correction by wavelength modulation using a microcomputer in atomic emission spectrometry, Doctorate, M.DELZENDEH(Student), 1988

GÖKMEN A., Compound identification with infrared spectra using computer, Postgraduate, L.OKATAN(Student), 1988

GÖKMEN A., Development of computer controlled deuterium lamp background correction atomic absorption

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

- I. **Indoor radon concentrations and radon doses at three districts of Ankara, Turkey and raising public awareness on the issue**  
Kildir M., Gokmen I., GÖKMEN A.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.307, no.1, pp.777-786, 2016 (SCI-Expanded)
- II. **Development of a 635nm-Laser Diode Spectrometer for Continuous Monitoring of Amino Nitrogen in the Beet Sugar Industry**  
ÜLGEN A., GÖKMEN A., ŞAHİN U., Herdem H., Cengiz H. I.  
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.37, no.2, pp.218-229, 2009 (SCI-Expanded)
- III. **Negative ion formation in ClCH<sub>2</sub>COCl, CCl<sub>3</sub>COCl, and ClCH<sub>2</sub>CHO under low-energy electron impact**  
HACALOĞLU J., GÖKMEN A., Suzer S.  
Journal of Physical Chemistry, vol.94, no.11, pp.4412-4415, 1990 (SCI-Expanded)
- IV. **Mass spectrometric study of negative ions from acetyl derivatives**  
HACALOĞLU J., GÖKMEN A., Suzer S.  
Journal of Physical Chemistry, vol.93, no.9, pp.3418-3421, 1989 (SCI-Expanded)
- V. **Mass spectrometric study of negative ions from unsaturated carbonyls**  
HACALOĞLU J., GÖKMEN A., Suzer S., Illenberger E., Baumgartel H.  
Journal of Physical Chemistry, vol.93, no.20, pp.7095-7098, 1989 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Development of a Laser diode fiber Optic Fluorometer for in situ Phytoplankton Measurement**  
BAYTEKİN H. T., GÖKMEN A.  
Colloquium Spectroscopicum Internationale XXX, 21 - 26 September 1997

## Supported Projects

TUNCEL S., GÖKMEN A., VOLKAN M., GÖKMEN G. İ., Project Supported by Higher Education Institutions, GC-MS ile Ankara-Ayaş Bölgesindeki Toprak, Su ve Bitki Örneklerinde Organoklorlu Pestisitlerin Türlendirilmesi, 2013 - Continues

VOLKAN M., GÖKMEN A., ERTAŞ G., GÖKMEN G. İ., Project Supported by Higher Education Institutions, LangmuirMetotuKullanılarak CdSe Kuantum Noktalarının İnce Filmlerinin Hazırlanması, 2018 - 2019

ERTAŞ G., TUNCEL S., GÖKMEN A., VOLKAN M., GÖKMEN G. İ., Project Supported by Higher Education Institutions, Maya Hücrelerinde Bor ve Arsenik Elementlerinin Sinerjik ve Antagonistik Etkileri, 2017 - 2017

TUNCEL S., GÖKMEN A., ERTAŞ G., VOLKAN M., ÖZÇUBUKÇU S., TANYELİ C., GÖKMEN G. İ., Project Supported by Higher Education Institutions, Solid faz mikro ayırma yönteminin çevre ve gıda örneklerinde uygulanarak optimizasyonu ve validasyonu, 2016 - 2016

TUNCEL S., GÖKMEN A., ERTAŞ G., VOLKAN M., GÖKMEN G. İ., Project Supported by Higher Education Institutions, PERSISTENT ORGANICS IN THE AEROSOLS, 2015 - 2015

TUNCEL S., GÖKMEN A., ERTAŞ G., VOLKAN M., ÇORUH N., GÖKMEN G. İ., Project Supported by Higher Education Institutions, Kuzey Kıbrıs'taki Aerosollerin Fiziksel ve Kimyasal Çalışması, 2014 - 2014

## Metrics

Publication: 6

Citation (WoS): 27

Citation (Scopus): 22

H-Index (WoS): 3

H-Index (Scopus): 3