

# MD ESRA KILIÇ ÜLKER

## Personal Information

**Office Phone:** [+90 312 297 7700](tel:+903122977700) Extension: 124

**Email:** [esrakilic@hacettepe.edu.tr](mailto:esrakilic@hacettepe.edu.tr)

**Web:** <https://avesis.hacettepe.edu.tr/esrakilic>

## Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Bölümü, Turkey 2012 - Continues

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Geochemistry (Organic and Inorganic, Applied Geochemistry, Chemistry, Physical Chemistry, Polymers and Their Applications, Fiber Technology, Characterization of Polymers, Polymeric Materials, Medical Applications of Polymers, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Lecturer PhD, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2013 - Continues

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

- I. **Effects of some acids, bases and salts on the morphology of polyurethane nanofibres**  
KILIÇ E., PEKEL BAYRAMGİL N.  
INDIAN JOURNAL OF FIBRE & TEXTILE RESEARCH, vol.45, no.1, pp.65-71, 2020 (SCI-Expanded)
- II. **The ARID1B spectrum in 143 patients: from nonsyndromic intellectual disability to Coffin-Siris syndrome**  
van der Sluijs P. J., Jansen S., Vergano S. A., Adachi-Fukuda M., ALANAY Y., AlKindy A., Baban A., Bayat A., Beck-  
Woedl S., Berry K., et al.  
GENETICS IN MEDICINE, vol.21, no.6, pp.1295-1307, 2019 (SCI-Expanded)
- III. **Preparation of electrospun polyurethane nanofiber mats for the release of doxorubicine**  
KILIÇ E., Yakar A., Bayramgil N. P.  
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.29, no.1, 2018 (SCI-Expanded)
- IV. **A patient with mitochondrial disorder due to a novel mutation in MRPS22**  
Kilic M., Oguz K., Kilic E., YÜKSEL D., DEMİRCİ H., SAĞIROĞLU M. S., Yucel-Yilmaz D., ÖZGÜL R. K.  
METABOLIC BRAIN DISEASE, vol.32, no.5, pp.1389-1393, 2017 (SCI-Expanded)
- V. **Polyposis deserves a perfect physical examination for final diagnosis: Bannayan-Riley-Ruvalcaba syndrome**

Hizarcioglu-Gulsen H., KILIÇ E., Dominguez-Garrido E., Aydemir Y., ÜTİNE G. E., Saltik-Temizel I. N.  
TURKISH JOURNAL OF PEDIATRICS, vol.59, no.1, pp.80-83, 2017 (SCI-Expanded)

- VI. **A Diagnosis to Consider in Intellectual Disability: Mowat-Wilson Syndrome**  
Kılıç E., Cetinkaya A., Ütine G. E., Boduroğlu K.  
Journal of Child Neurology, vol.31, no.7, pp.913-917, 2016 (SCI-Expanded)
- VII. **A novel mutation in RNU4ATAC in a patient with microcephalic osteodysplastic primordial dwarfism type I**  
Kılıç E., Yigit G., ÜTİNE G. E., Wollnik B., MIHÇI E., Nur B. G., Boduroglu K.  
American Journal of Medical Genetics, Part A, vol.167, no.4, pp.919-921, 2015 (SCI-Expanded)
- VIII. **Jervell and Lange-Nielsen syndrome with homozygous missense mutation of the KCNQ1 gene**  
KILIÇ E., ERTUĞRUL İ., Ozer S., ALİKAŞİFOĞLU M., Aktas D., Boduroglu K., ÜTİNE G. E.  
TURKISH JOURNAL OF PEDIATRICS, vol.56, no.5, pp.542-545, 2014 (SCI-Expanded)
- IX. **A case of fucosidosis type II: diagnosed with dysmorphological and radiological findings**  
KILIÇ E., KILIÇ M., ÜTİNE G. E., Sivri S., COŞKUN T., ALANAY Y.  
TURKISH JOURNAL OF PEDIATRICS, vol.56, no.4, pp.430-433, 2014 (SCI-Expanded)
- X. **Prenatal diagnosis in a fetus with de-novo 20q11.2q13.1 deletion and review of the literature**  
Turgal M., ÖZYÜNCÜ Ö., ÜTİNE G. E., KILIÇ E., Boduroglu K.  
CLINICAL DYSMORPHOLOGY, vol.23, no.3, pp.111-113, 2014 (SCI-Expanded)
- XI. **Striking Hematological Abnormalities in Patients With Microcephalic Osteodysplastic Primordial Dwarfism Type II (MOPD II): A Potential Role of Pericentrin in Hematopoiesis**  
ÜNAL Ş., Alanay Y., ÇETİN M., Boduroglu K., Utine E., CORMIER-DAIRE V., Huber C., ÖZSÜREKÇİ Y., KILIÇ E., Kiper O. P. S., et al.  
PEDIATRIC BLOOD & CANCER, vol.61, no.2, pp.302-305, 2014 (SCI-Expanded)
- XII. **A comprehensive molecular study on Coffin-Siris and Nicolaidis-Baraitser syndromes identifies a broad molecular and clinical spectrum converging on altered chromatin remodeling**  
Wieczorek D., Boegershausen N., Beleggia F., Steiner-Haldenstaett S., Pohl E., Li Y., Milz E., Martin M., Thiele H., Altmueller J., et al.  
HUMAN MOLECULAR GENETICS, vol.22, no.25, pp.5121-5135, 2013 (SCI-Expanded)
- XIII. **A Case of 13q22.2 q33.3 Deletion**  
KILIÇ E., ÜTİNE G. E., Alikagsifoglu M., BODUROĞLU O. K.  
CHROMOSOME RESEARCH, vol.21, 2013 (SCI-Expanded)
- XIV. **Synthesis and characterization of poly[(1-vinyl-1,2,4-triazole)-co-(monomer with carboxylic acid group(s))] and determination of monomer reactivity ratios: I. Acrylic acid**  
Kılıç E., Bayramgil N. P.  
POLYMER INTERNATIONAL, vol.62, no.4, pp.621-628, 2013 (SCI-Expanded)
- XV. **A case of Sotos syndrome with 5q35 microdeletion and novel clinical findings**  
KILIÇ E., ÜTİNE G. E., Boduroglu K.  
TURKISH JOURNAL OF PEDIATRICS, vol.55, no.2, pp.207-209, 2013 (SCI-Expanded)
- XVI. **The diagnostic challenge of progressive pseudorheumatoid dysplasia (PPRD): A review of clinical features, radiographic features, and WISP3 mutations in 63 affected individuals**  
Segarra N. G., Mittaz L., Campos-Xavier A. B., Bartels C. F., Tuysuz B., ALANAY Y., Cimaz R., Cormier-Daire V., Di Rocco M., Duba H., et al.  
AMERICAN JOURNAL OF MEDICAL GENETICS PART C-SEMINARS IN MEDICAL GENETICS, no.3, pp.217-229, 2012 (SCI-Expanded)
- XVII. **Analysis of idiopathic ventricular tachycardia in childhood**  
KILIÇ E., ÇELİKER A., KARAGÖZ T., ALEHAN D., ÖZKUTLU S., Ozer S.  
TURKISH JOURNAL OF PEDIATRICS, vol.54, no.3, pp.269-272, 2012 (SCI-Expanded)
- XVIII. **Arterial tortuosity and aneurysm in a case of Loeys-Dietz syndrome type IB with a mutation p.R537P in the TGFBR2 gene**  
KILIÇ E., ALANAY Y., Utine E., ÖZGEN MOCAN B., Robinson P. N., BODUROĞLU O. K.  
TURKISH JOURNAL OF PEDIATRICS, vol.54, no.2, pp.198-202, 2012 (SCI-Expanded)

- XIX. **Novel mutations in GALNT3 causing hyperphosphatemic familial tumoral calcinosis**  
Yancovitch A., Hershkovitz D., Indelman M., Galloway P., Whiteford M., Sprecher E., KILIÇ E.  
JOURNAL OF BONE AND MINERAL METABOLISM, vol.29, no.5, pp.621-625, 2011 (SCI-Expanded)
- XX. **Isotretinoin (13-cis-retinoic acid)-associated premature ventricular contractions**  
KILIÇ E., ŞAHİN M., ŞAHİN S., Ozer S.  
TURKISH JOURNAL OF PEDIATRICS, vol.51, no.4, pp.387-388, 2009 (SCI-Expanded)
- XXI. **Adipocyte differentiation defect in mesenchymal stromal cells of patients with malignant infantile osteopetrosis**  
Uckan D., KILIÇ E., SHARAFI P., Kazik M., Kaya F. A., Erdemli E., Can A., TEZCANER A., Kocafe C.  
CYTOTHERAPY, vol.11, no.4, pp.392-402, 2009 (SCI-Expanded)
- XXII. **Crystal structure of 5,6-dinitrobenzimidazole.monohydrate**  
Hokelek T., DINCER S., KILIC E.  
CRYSTAL RESEARCH AND TECHNOLOGY, vol.37, no.10, pp.1138-1142, 2003 (SCI-Expanded)
- XXIII. **Electrochemical behavior of benzo[c]cinnoline and its bromo derivatives**  
Secken N., AKSU M., SOLAK A., KILIC E.  
TURKISH JOURNAL OF CHEMISTRY, vol.26, no.4, pp.617-626, 2002 (SCI-Expanded)
- XXIV. **2-bromobenzo[c]cinnoline 6-oxide**  
Hokelek T., KILIC E., DINCER S.  
ACTA CRYSTALLOGRAPHICA SECTION E-CRYSTALLOGRAPHIC COMMUNICATIONS, vol.57, 2001 (SCI-Expanded)
- XXV. **Crystal structure of ent-7 alpha,18-diacetoxykaur-16-ene (epicandicandioldiacetate)**  
Hokelek T., KILIC E., OKTEMER A.  
CRYSTAL RESEARCH AND TECHNOLOGY, vol.36, pp.493-498, 2001 (SCI-Expanded)
- XXVI. **Crystal structure of ent-3 beta,7 alpha-dihydroxy-18-acetoxykaur-16-ene (linearol)**  
Hokelek T., KILIC E., OKTEMER A.  
ANALYTICAL SCIENCES, vol.15, no.11, pp.1167-1168, 1999 (SCI-Expanded)
- XXVII. **1-nitrobenzo[c]cinnoline**  
Hokelek T., KILIC E., AKTAN S.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.55, pp.383-385, 1999 (SCI-Expanded)
- XXVIII. **trans-2,6-bis(ethylamino)-2,4,4,6,8,8-hexamorpholinocyclo-2 lambda(5), 4 lambda(5), 6 lambda(5), 8 lambda(5)-tetra-phosphazetetraene**  
Hokelek T., KILIC E., KILIC Z.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.54, pp.1295-1297, 1998 (SCI-Expanded)
- XXIX. **PREPARATION AND CHARACTERIZATION OF NEW AMINO-SUBSTITUTED CROWNS AND PODANDS**  
KILIC Z., WEBER E., GUNDUZ N., KILIC E., NAZIR H., HOKELEK T., TOY M.  
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION B-A JOURNAL OF CHEMICAL SCIENCES, vol.47, no.4, pp.547-552, 1992 (SCI-Expanded)
- XXX. **STRUCTURAL INVESTIGATIONS OF BENZO[C]CINNOLINE DERIVATIVES .1. STRUCTURES OF 1-PIPERIDINOBENZO[C]CINNOLINE AND 3-PIPERIDINOBENZO[C]CINNOLINE**  
HOKELEK T., KILIC E., TUZUN C.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.47, pp.369-373, 1991 (SCI-Expanded)
- XXXI. **STRUCTURE OF 1-MORPHOLINOBENZO[C]CINNOLINE**  
HOKELEK T., WATKIN D., KILIC E., TUZUN C.  
ACTA CRYSTALLOGRAPHICA SECTION C-CRYSTAL STRUCTURE COMMUNICATIONS, vol.46, pp.1027-1029, 1990 (SCI-Expanded)

- I. **Modification of graphene with two strong acids and its nanocomposites with 2-hydroxyethylcellulose**  
Kilic E., PEKEL BAYRAMGİL N.  
RESULTS IN CHEMISTRY, vol.4, 2022 (ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Sodyum Karboksimetil Selüloz-Grafen Nanokompozit Filmlerin Hazırlanması Ve Karakterizasyonu**  
KILIÇ E., PEKEL BAYRAMGİL N.  
13. UKMK, Turkey, 3 - 06 September 2018
- II. **Preparation of Mixed Poly N-vinylpyrrolidone-Poly e-caprolactone Nanofiber Mats for Separation Purposes**  
ALEMDAR S., KILIÇ E., PEKEL BAYRAMGİL N.  
NANO-TR 13, 22 - 25 October 2017
- III. **Eco-Friendly Hydroxypropyl Methyl Cellulose-Graphene Nanocomposite Films: Preparation and Characterization**  
KILIÇ E., PEKEL BAYRAMGİL N.  
NANOTR-13, 22 - 25 October 2017
- IV. **PREPARATION AND CHARACTERIZATION OF BORIC ACID DOPED HYDROXYPROPYL METHYL CELLULOSE GRAPHENE NANOCOMPOSITE FILMS**  
KILIÇ E., PEKEL BAYRAMGİL N.  
3rd Emerging 2D Materials & Graphene Conference 2016, 20 - 21 October 2016
- V. **Cytotoxic dose assessment of cell stress inducers on human bone marrow mesenchymal stem cells by real-time xCELLigence impedance analysis**  
AYGAR S., BALTA G., Saltık B. C., KILIÇ E., CETINKAYA D. U.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.60
- VI. **Preparation and characterization of hydroxypropyl methyl cellulose graphene nanocomposite films**  
KILIÇ E., PEKEL BAYRAMGİL N.  
28.ULUSAL KİMYA KONGRESİ, Turkey, 15 - 21 August 2016
- VII. **Exome sequencing results in unknown genetic metabolic neurometabolic disorders**  
KILIÇ M., ÖZGÜL R. K., KILIÇ E., YÜCEL YILMAZ D., KAVAK P., YUCETURK B., DEMİRCİ H., SAĞIROĞLU M.  
Annual Symposium of the Society for the Study of Inborn Errors of Metabolism (SSIEM), 1 - 04 September 2015
- VIII. **The results of aerobic exercise program in Escobar syndrome: A case report**  
SUBAŞI Ş., Alemdaroglu I., YILMAZ O., KARADUMAN A., KILIÇ E.  
18th International Congress of the World-Muscle-Society (WMS), California, United States Of America, 1 - 05 October 2013, vol.23, pp.807
- IX. **Comparison of miRNA expression profile during adipocyte induction of mesenchymal stem cells from bone marrows of malignant infantile osteopetrosis patients and bone marrow donors reveals 15 differentially expressed miRNAs**  
Gunel-Ozcan A., KILIÇ E., Aerts-Kaya F. S. F., ÇETİN M., Uçkan D.  
36th Annual Meeting of the European-Group-for-Blood-and-Marrow-Transplantat/9th Meeting of the EBMT Data-Management-Group/26th Meeting of the EBMT Nurses Group/2nd EBMT Qual Management Meeting, Vienna, Austria, 21 - 24 March 2010, vol.45

## Supported Projects

TEMEL A., GENÇ Y., VAROL MURATÇAY E., KILIÇ E., Project Supported by Higher Education Institutions, XIşınları Laboratuvarının İhtiyacının Giderilmesi, 2021 - 2022

PEKEL BAYRAMGİL N., ÖZGE GÖKMEN F., KILIÇ E., Project Supported by Higher Education Institutions, GRAFEN NANOTANECİKLERİN MODİFİYE EDİLMESİ VE KOMPOZİT POLİMER FİLMLEİNİN HAZIRLANMASI, 2017 - 2019

PEKEL BAYRAMGİL N., KILIÇ E., Project Supported by Higher Education Institutions, 13th Nanoscience and Nanotechnology Conference 13. Nanobilim ve Nanoteknoloji Konferansı, 2017 - 2017

PEKEL BAYRAMGİL N., KILIÇ E., Project Supported by Higher Education Institutions, 28.Ulusal Kimya Kongresi (Uluslararası Katılımlı), 2016 - 2016

PEKEL BAYRAMGİL N., KILIÇ E., Project Supported by Higher Education Institutions, Grafen nanotanecik içeren selüloz filmlerin hazırlanması ve ilaç salımında kullanılması, 2015 - 2016

KILIÇ ÜLKER E., Project Supported by Higher Education Institutions, İndüktif Eşleşmiş Plazma-Kütle Spektrometresi (ICP-MS) Cihazı Kullanımı ve Kayaç Örneklerinin Analizi Eğitimi, 2015 - 2016

VAROL MURATÇAY E., KILIÇ E., Project Supported by Higher Education Institutions, XRD Laboratuvarı'nın Altyapısının Yenilenmesi, 2015 - 2015

## Metrics

Publication: 41

Citation (WoS): 368

Citation (Scopus): 258

H-Index (WoS): 9

H-Index (Scopus): 7