

## Assoc. Prof. BİLTAN KÜRKCÜOĞLU

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-8927-4486

Publons / Web Of Science ResearcherID: B-2831-2011

ScopusID: 6507388701

Yoksis Researcher ID: 102328

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği, Turkey 1994 - 2000

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği, Turkey 1990 - 1994

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Turkey 1984 - 1989

### Foreign Languages

English, B2 Upper Intermediate

French, B1 Intermediate

### Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Geochemistry (Organic and Inorganic, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2011 - Continues

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2009 - 2011

Lecturer PhD, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2004 - 2009

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 1989 - 2004

### Academic and Administrative Experience

Hacettepe Üniversitesi, Mühendislik Fakültesi, Jeoloji Mühendisliği Bölümü, 2012 - 2017

### Courses

JEOKRONOLOJİ, Doctorate, 2017 - 2018, 2016 - 2017

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

- I. **Recycling and recharge at Hasandag stratovolcano, Central Anatolia: insights from plagioclase textures and zoning patterns**  
Gall H., KÜRKCÜOĞLU B., Cipar J., Crispin K., Furman T.  
CONTRIBUTIONS TO MINERALOGY AND PETROLOGY, vol.177, no.8, 2022 (SCI-Expanded)
- II. **Source constraints for the young basaltic rocks from the northernmost end of Cappadocian region, Turkey: Melting evidence from peridotite and pyroxenite source domains**  
KÜRKCÜOĞLU B., YÜRÜR M. T.  
Geochemistry, vol.82, no.1, 2022 (SCI-Expanded)
- III. **Evolution of mafic lavas in Central Anatolia: Mantle source domains**  
Furman T., Hanan B. B., Sjoblom M. P., KÜRKCÜOĞLU B., SAYIT K., ŞEN E., Sen P. A., Yurur T.  
GEOSPHERE, vol.17, no.6, pp.1631-1646, 2021 (SCI-Expanded)
- IV. **Post-delamination magmatism in south-central Anatolia**  
Gall H., Furman T., Hanan B., KÜRKCÜOĞLU B., SAYIT K., YÜRÜR M. T., Sjoblom M. P., ŞEN E., Şen P. A.  
Lithos, vol.398, 2021 (SCI-Expanded)
- V. **Geochemistry of mafic lavas from Sivas, Turkey and the evolution of Anatolian lithosphere**  
KÜRKCÜOĞLU B., PICKARD M., SEN P., HANAN B. B., SAYIT K., Plummer C., ŞEN E., Yurur T., Furman T.  
LITHOS, vol.232, pp.229-241, 2015 (SCI-Expanded)
- VI. **Geochemistry and petrogenesis of basaltic rocks from the Develidag volcanic complex, Central Anatolia, Turkey**  
Kurkcuglu B.  
JOURNAL OF ASIAN EARTH SCIENCES, vol.37, no.1, pp.42-51, 2010 (SCI-Expanded)
- VII. **Geochemistry of post-collisional Mafic lavas from the North Anatolian fault zone, Northwestern Turkey**  
KÜRKCÜOĞLU B., Furman T., Hanan B.  
LITHOS, vol.101, pp.416-434, 2008 (SCI-Expanded)
- VIII. **Interaction of asthenospheric and lithospheric mantle: The genesis of calc-alkaline volcanism at Erciyes Volcano, central Anatolia, Turkey**  
Kurkcuglu B., Sen E., Temel A., Aydar E., Gourgaud A.  
INTERNATIONAL GEOLOGY REVIEW, vol.46, no.3, pp.243-258, 2004 (SCI-Expanded)
- IX. **Volcanological evolution of Mount Erciyes stratovolcano and origin of the Valibaba Tepe ignimbrite (Central Anatolia, Turkey)**  
Sen E., Kurkcuglu B., Aydar E., Gourgaud A., Vincent P.  
JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH, vol.125, pp.225-246, 2003 (SCI-Expanded)
- X. **Initial explosive phases during extrusion of volcanic lava domes: example from rhyodacitic dome of Dikkartin Dag, Erciyes stratovolcano, Central Anatolia, Turkey**  
Sen E., Aydar E., Gourgaud A., Kurkcuglu B.  
COMPTES RENDUS GEOSCIENCE, vol.334, no.1, pp.27-33, 2002 (SCI-Expanded)
- XI. **Trace-element modeling and source constraints for tholeiitic and calc-alkaline basalts from a depleted asthenospheric mantle source, Mt. Erciyes Stratovolcano, Turkey**  
Kurkcuglu B., Sen E., Temel A., Aydar E., Gourgaud A.  
INTERNATIONAL GEOLOGY REVIEW, vol.43, no.6, pp.508-522, 2001 (SCI-Expanded)
- XII. **Geochemical approach to magmatic evolution of Mt Erciyes stratovolcano central Anatolia, Turkey**  
Kurkcuglu B., Sen E., Aydar E., Gourgaud A., Gundogdu N.  
JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH, vol.85, pp.473-494, 1998 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Geochemical constraints for basaltic lavas from western part of Central Anatolia: The Significance of garnet - spinel stability field**  
ÇÖMEZ D. A., KÜRKCÜOĞLU B., YÜRÜR M. T.  
EUROPEAN GEOSCIENCES UNION (EGU) GENERAL ASSEMBLY, Viyana, Austria, 8 - 13 April 2018
- II. **Source Constraints for the Young Basalts from the Western Part of Cappadocia: Contributions from Peridotite-Pyroxenite Source Interactions**  
KÜRKCÜOĞLU B., YÜRÜR M. T.  
Uluslararası katılımlı 8. Jeokimya Sempozyumu, Antalya, Turkey, 2 - 06 May 2018
- III. **Recycling and recharge processes at the Hasandağ Stratovolcano, Central Anatolia: Insights on magma chamber systematics from plagioclase textures and zoning patterns**  
GALL H., CIPAR H., CRISPIN K., KÜRKCÜOĞLU B., FURMAN T.  
American Geophysical Union (AGU) fall meeting, United States Of America, 11 - 15 December 2017
- IV. **Geochemical Implications of OIB Type Basalt in Garnet-Spinel Stability Field in Southern Thrace Region, Turkey**  
GÜNEŞ B., KÜRKCÜOĞLU B., HANAN B., YÜRÜR M. T., FURMAN T.  
Goldschmidt Conference, Paris, France, 13 - 18 August 2017
- V. **Source implications for the different geochemical features of recent basaltic rocks from the northernmost part of the Cappadocian region**  
KÜRKCÜOĞLU B., YÜRÜR M. T.  
European Geosciences Union (EGU) General Assembly, Viyana, Austria, 23 - 28 April 2017
- VI. **Post Delamination Magmatism at the Hasandağ Cinder Cone Province Abstract AGU Fall Meeting 12 16 Dec 2016 San Francisco USA**  
Gall H., Pickard M., SAYIT K., Hanan B., KÜRKCÜOĞLU B., Furman T.  
AGU Fall Meeting, San-Francisco, Costa Rica, 12 - 16 December 2016
- VII. **Geochemical Features of Multi Component Mantle Source Domains Beneath Central Anatolia 7th Geochemistry Symposium Abstract 16 18 Mayıs 2016 Antalya Türkiye**  
KÜRKCÜOĞLU B., Furman T., pickard M., ŞEN E., Hanan B., Şen P., SAYIT K., YÜRÜR M. T.  
Uluslararası katılımlı 7. Jeokimya Sempozyumu, Antalya, Turkey, 16 - 18 May 2016
- VIII. **Spatial and Temporal evolution of Central Anatolian volcanics Abstract AGU Fall Meeting 14 18 Dec 2015 San Francisco USA**  
Gall H., KÜRKCÜOĞLU B., Barry H., Furman T.  
AGU Fall Meeting, San-Francisco, Costa Rica, 14 - 18 December 2015
- IX. **Intermediate lavas at Hasandağ Stratovolcano Central Anatolia**  
HELEN G., KÜRKCÜOĞLU B., BARRY H., SAYIT K., TANYA F.  
GOLDSCHMIDT CONFERENCE, PRAG, Czech Republic, 15 - 22 August 2015
- X. **Metasomatic modification Iherzolite during slab rollback in NW Anatolia**  
BERİVAN G., KÜRKCÜOĞLU B., YÜRÜR M. T., BARRY H., TANYA F.  
GOLDSCHMIDT CONFERENCE, PRAG, Czech Republic, 15 - 22 August 2015, pp.1123
- XI. **Geochemical implications of basaltic products from Develidag volcanic complex, Central Anatolia, Turkey**  
KÜRKCÜOĞLU B.  
18th Annual V M Goldschmidt Conference, Vancouver, Canada, 01 July 2008, vol.72

## Expert Reports

- I. **Hakem raporu**  
KÜRKCÜOĞLU B.  
2015

## Supported Projects

KÜRKCÜOĞLU B., YÜRÜR M. T., Project Supported by Higher Education Institutions, Trakya bölgesi güney kesiminde yer alan manto peridotitlerinin kökeni ve bazaltik ana kaya ile olan ilişkisi, 2014 - 2017

KÜRKCÜOĞLU B., Project Supported by Higher Education Institutions, Orta Anadolu'nun Çok Bileşenli Manto Kaynak Alanlarının Jeokimyasal Özellikleri, 2016 - 2016

KÜRKCÜOĞLU B., GÜNEŞ B., Project Supported by Higher Education Institutions, Goldschmidt 2015 konferansı katılım destek eğitim ve araştırma projesi, 2015 - 2016

ŞİMŞEK R., KÜRKCÜOĞLU B., Project Supported by Higher Education Institutions, Hacettepe Üniversitesi Medya İletişim ve Tanıtım Koordinatörlüğü Altyapı Geliştirme Projesi, 2015 - 2016

KÜRKCÜOĞLU B., TÜBİTAK Project, Geochemical Consequences of Slab Breakoff and Lithospheric Delamination Examples From Turkish Neo Volcanic Zones TÜBİTAK NSF projesi, 2008 - 2011

## Metrics

Publication: 24

Citation (WoS): 241

Citation (Scopus): 258

H-Index (WoS): 8

H-Index (Scopus): 8

## Non Academic Experience

Pennsylvania State University /Dept. of Geosciences