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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 lherzolite 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