

Prof. Şafak Altunkaynak

Personal Information

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Biography

Şafak Altunkaynak is a Professor in the Department of Geology at Istanbul Technical University (Turkey). She received her PhD from Istanbul Technical University in 1997. She was a visiting scientist at the Open University (UK) in 2003 and the University of Nevada Las Vegas (USA) in 2009. She has worked on the geology and petrology of post-collisional volcanic and plutonic rocks, volcanic–plutonic connections in Turkey, the Aegean region and the Lesser Caucasus (Azerbaijan). Her current research projects involve Central Anatolian volcanism and geothermal potential; Cenozoic crustal evolution and mantle dynamics of post-collisional magmatism in western Anatolia and the Aegean extensional province; thermobarometry and geochronology of magmatic and metamorphic rocks of Çataldağ, Kazdağ and Menderes core complexes; petrology and geodynamics of adakitic magmatism in NW Turkey; and natural radioactive properties of western and central Anatolian plutons. She has published a number of refereed papers on these topics in international journals.

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1991 - 1997

Foreign Languages

English

Dissertations

Doctorate, Bergama-Ayvalık dolayında genç volkanizma plütonizma ilişkilerinin jeolojik ve petrolojik araştırılması, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 1997

Research Areas

Technical Sciences, Geological Engineering, Geology, Mineralogy-petrography, Geochronology, Petrography and Petrology, petrogenesis

Academic Titles / Tasks

Professor, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 2013 - Continues

Associate Professor, İstanbul Teknik Üniversitesi, Maden Fakültesi, Jeoloji Mühendisliği Bölümü, 2007 - 2013

Professional Experience

Deputy Head of Department, İstanbul Teknik Üniversitesi, Maden Fak, Jeoloji Müh, 2012 - 2014

Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, İstanbul Teknik Üniversitesi, June, 2017

Academic Staff Examination, Araştırma Görevlisi bilim sınavı jüri üyeliği 2017, İstanbul Teknik Üniversitesi, January, 2017

Academic Staff Examination, Akademik personel Sınavı Jürisi, İstanbul Teknik Üniversitesi, November, 2014

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2014, İstanbul Teknik Üniversitesi, April, 2014

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Nisan 2014, İstanbul Teknik Üniversitesi, April, 2014

Post Graduate, Tez savunma, İstanbul Teknik Üniversitesi, June, 2013

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Kocaeli Üniversitesi, June, 2012

Supported Projects

Altunkaynak Ş., Ünal A., Kamacı Ö., Project Supported by Higher Education Institutions, KB Anadolu'da İzmir-Ankara-Erzincan suture zone kuzeyinde yüzeyleyen Eosen granitoidlerinin yerleşme yükselme ve yüzeylenme mekanizmaları ve yaşları, 2017 - 2020

Altunkaynak Ş., Güraslan I. N., Project Supported by Higher Education Institutions, Topuk Granitoidi'nin Jeolojisi ve Petrojenezi (KB Anadolu), 2017 - 2019

Altunkaynak Ş., Project Supported by Higher Education Institutions, KB Anadolu'da Yüzeyleyen Eosen Yaşlı Mafik Lav ve Daykların Jeokimyası ve Jeokronolojisi, 2012 - 2018

Altunkaynak Ş., Project Supported by Higher Education Institutions, BATI ANADOLU DAKİ EŞ YAŞLI MAFİK VE FELSİK VOLKANİZMANIN KÖKENİ, 2009 - 2018

Altunkaynak Ş., Project Supported by Higher Education Institutions, Batı Anadolu'da Bulunan Senozoyik Yaşlı Plütonik Topulukların Jeoloji, Jeokimya ve Petrolojisi, 2008 - 2018

Altunkaynak Ş., Project Supported by Higher Education Institutions, KB Anadolu'da Yeralan Eosen Yaşlı Granitik Mağmatizmanın Kökeni ve Gelişim Nedenlerinin Belirlenmesi, 2007 - 2018

Altunkaynak Ş., Project Supported by Higher Education Institutions, Batı Anadolu'daki Senozoyik Yaşlı Volkanik Kayaların Jeokimyası ve Bölge Jeodinamiği İçindeki Yeri, 2006 - 2018

Altunkaynak Ş., Project Supported by Higher Education Institutions, Hasandağ ve Keçiboyduran volkanları (Orta Anadolu) arasında yüzeyleyen volkanik kayaçların volkanostratigrafisi ve petrolojik özelliklerinin incelenmesi, 2016 - 2017

Altunkaynak Ş., Project Supported by Higher Education Institutions, KB Anadolu'daki Granitik Kayaların Radyoaktivite Seviyeleri ve Bunların Yapıtışı Olarak Kullanımının İnsan Sağlığı Açısından Uygunluğu, 2014 - 2016

Altunkaynak Ş., Project Supported by Higher Education Institutions, M.Kemalpaşa (Bursa) ve Susurluk (Balıkesir) Arasında Mostra Veren Magmatik Kayaçların Jeolojisi ve Petrolojisi, 2013 - 2013

Altunkaynak Ş., Project Supported by Higher Education Institutions, Kuzeybatı Anadolu'da Felsik Volkanizmanın Kökeni, Gelişim Zamanı ve Evrimi; Dursunbey Volkanikleri, 2012 - 2013

Altunkaynak Ş., Project Supported by Higher Education Institutions, Kepsut (Balıkesir) Volkanitlerinin Jeolojisi ve Petrolojisi, 2011 - 2012

Altunkaynak Ş., Project Supported by Higher Education Institutions, Büyükorhan- Geynik (Bursa) Civarında Mostra Veren Adakitik Porfiri Dayklarının Petrolojisi ve Jeokronolojisi, 2011 - 2012

Altunkaynak Ş., Project Supported by Higher Education Institutions, Batı Anadolu Plütonik Topuluklarının Jeokimyası, Petrolojisi, Jeokronolojisi ve Bölge Jeodinamiği İçindeki Yeri, 2006 - 2008

Memberships / Tasks in Scientific Organizations

Member, 2012 - Continues

Scientific Refereeing

Journal of Asian Earth Sciences, SCI Journal, January 2017

January 2017

January 2017

The Journal of Geology, SCI Journal, November 2016

Chemie Der Erde, SCI Journal, July 2016

Lithos, SCI Journal, June 2016

TUBITAK Project, May 2016

Lithos, SCI Journal, February 2016

International Geology Review, SCI Journal, February 2016

Project Supported by Higher Education Institutions, December 2015

December 2015

TUBITAK Project, October 2015

TUBITAK Project, October 2015

TUBITAK Project, October 2015

TUBITAK Project, October 2015

TUBITAK Project, October 2015

TUBITAK Project, September 2015

Active Global Seismology, Geophysical Monographs, Scientific / Professional Book Published by Renowned Publishing Houses, April 2015

Acta Volcanologica, SCI Journal, April 2015

TUBITAK Project, April 2015

TUBITAK Project, April 2015

February 2015

February 2015

February 2015

February 2015

TUBITAK Project, September 2014

Lithos, SCI Journal, July 2014

TUBITAK Project, July 2014

TUBITAK Project, July 2014

TUBITAK Project, July 2014

TUBITAK Project, July 2014

TUBITAK Project, July 2014

TUBITAK Project, July 2014

TUBITAK Project, July 2014

TUBITAK Project, July 2014

TUBITAK Project, May 2014

TUBITAK Project, May 2014

TUBITAK Project, May 2014

TUBITAK Project, May 2014

March 2014

Project Supported by Higher Education Institutions, February 2014

Project Supported by Higher Education Institutions, March 2013

February 2013

TUBITAK Project, February 2013
February 2013
Lithos, SCI Journal, December 2012
Project Supported by Higher Education Institutions, December 2012
TUBITAK Project, August 2012
Mineralogy and Petrology, SCI Journal, July 2012
Lithos, SCI Journal, March 2012
TUBITAK Project, September 2011
Project Supported by Higher Education Institutions, April 2011
Tectonophysics, SCI Journal, November 2008
TUBITAK Project, October 2008
TUBITAK Project, October 2008
TUBITAK Project, October 2008
TUBITAK Project, October 2008
Geological Journal, SCI Journal, January 2008
Geological Magazine, SCI Journal, September 2007
The Island Arc, SCI Journal, February 2006
Journal of Asian Earth Sciences, SCI Journal, June 2003

Invited Congress and Symposium Activities

AGU, Meeting of Americas, Attendee, Cancún, Mexico, 2013
66. Türkiye Jeoloji Kurultayı, Attendee, Turkey, 2013
65. Türkiye Jeoloji Kurultayı, Attendee, Turkey, 2012
7th Hutton Symposium on Granites and related rocks, Attendee, Ávila, Spain, 2011
64. Türkiye Jeoloji Kurultayı, Attendee, Turkey, 2011
Meeting of the Americas, Attendee, Foz Do Iguaçu, Brazil, 2010
EGU General Assembly, Attendee, Wien, Austria, 2009
AGU Fall Meeting, Attendee, California, United States Of America, 2008
16th Annual V.M. Goldschmidt Conference, Attendee, Melbourne, Australia, 2006
International conference on continental volcanism (IAVCEI 2006), Attendee, Guangzhou, China, 2006
59. Türkiye Jeoloji Kurultayı, Attendee, Ankara, Turkey, 2006
International Earth Sciences Colloquium on the Aegean Region (IESCA), Attendee, İzmir, Turkey, 2005
International Geological Congress, Attendee, Firenze, Italy, 2004
EUG XI. (European Union of Geosciences), Attendee, Strasbourg, France, 2001
International Turkish Geology Symposium, (ITGS IV), Attendee, Adana, Turkey, 2001
International Earth Sciences Colloquium on the Aegean Region (IESCA), Attendee, --Seçiniz--, Turkey, 2000
Batı Anadolu. Batı Anadolunun Depremselliği Sempozyumu (BADSEM 2000), Attendee, İzmir, Turkey, 2000
EUG10 (European Union of Geosciences), Attendee, Strasbourg, France, 1999
Third International Turkish Geology Symposium, Attendee, Ankara, Turkey, 1998
Ege Denizi Yerbilim Arastirmalari Gudumlu Projeleri, Attendee, İstanbul, Turkey, 1996
Int. Earth Sci. Coll. On the Aegean Region (IESCA), Attendee, İzmir, Turkey, 1995
International Volcanology Congress, Attendee, Ankara, Turkey, 1994

Citations

Total Citations (WOS):1176
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