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Education Information

- I. Doctorate, Istanbul Technical University, Maden, Jeoloji Mühendisliği, Turkey 2009 - 2021
- II. Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2006 - 2008

Foreign Languages

- I. English, C1 Advanced

Dissertations

- I. Doctorate, Origin, age and deformation history of the Çataldağ metamorphic core complex, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 2021

Research Areas

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

Academic Titles / Tasks

- I. Medical Doctor, Istanbul Technical University, Maden, Jeoloji Mühendisliği, 2015 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Miocene uplift and exhumation history of northwestern Anatolia (Turkey): Implications from apatite (U-Th)/He thermochronology of syn-extensional plutons**
Altunkaynak Ş., Ünal A., Sunal G., Kamacı Ö., Dunkl I.
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- II. **The role of accreted continental crust in the formation of granites within the Alpine style continental collision zone: Geochemical and geochronological constrains from leucogranites in the cataldag Metamorphic Core Complex (NW Turkey)**
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- III. **The emplacement history of granitic intrusions into the upper crust: Forceful to passive emplacement of the early Miocene Solarya Pluton (NW Turkey) as a case study**
Ünal A., Altunkaynak Ş., Kamaci Ö., Dunkl I., Benowitz J. A.
JOURNAL OF ASIAN EARTH SCIENCES, vol.183, 2019 (Journal Indexed in SCI)
- IV. **Magma chamber processes and dynamics beneath northwestern Anatolia: Insights from mineral chemistry and crystal size distributions (CSDs) of the Kepsut volcanic complex (NW Turkey)**
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JOURNAL OF ASIAN EARTH SCIENCES, vol.181, 2019 (Journal Indexed in SCI)
- V. **Cooling and deformation history of the cataldag Metamorphic Core Complex (NW Turkey)**
Kamaci Ö., Altunkaynak Ş.
JOURNAL OF ASIAN EARTH SCIENCES, vol.172, pp.279-291, 2019 (Journal Indexed in SCI)
- VI. **Geochemistry of uranium and thorium and natural radioactivity levels of the western Anatolian plutons, Turkey**
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MINERALOGY AND PETROLOGY, vol.111, no.5, pp.677-691, 2017 (Journal Indexed in SCI)
- VII. **The Cataldag Plutonic Complex in Western Anatolia: Roles of Different Granites on the Crustal Buildup in Connection With the Core Complex Development**
Kamaci Ö., Ünal A., Altunkaynak Ş., Georgiev S., Billor Z. M.
ACTIVE GLOBAL SEISMOLOGY: NEOTECTONICS AND EARTHQUAKE POTENTIAL OF THE EASTERN MEDITERRANEAN REGION, vol.225, pp.189-222, 2017 (Journal Indexed in SCI)
- VIII. **Distribution of natural radioactivity and assessment of radioactive dose of Western Anatolian plutons, Turkey**
Papadopoulos A., Altunkaynak Ş., Koroneos A., UNAL A., KAMACI Ö.
TURKISH JOURNAL OF EARTH SCIENCES, vol.25, no.5, pp.434-455, 2016 (Journal Indexed in SCI)

Books & Book Chapters

- I. **The Çataldağ Plutonic Complex In Western Anatolia: Roles Of Different Granites On The Crustal Buildup In Connection With The Core Complex Development**
Kamaci Ö., Ünal A., Altunkaynak Ş.
in: Active Global Seismology: Neotectonics And Earthquake Potential Of The Eastern Mediterranean Region, İbrahim Çemen, Yücel Yılmaz, Editor, John Wiley & Sons, West Sussex, UK , New Jersey, pp.189-222, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **THERMOCHRONOLOGY AND DEFORMATION HISTORY OF ÇATALDAG PLUTONIC COMPLEX: IMPLICATIONS FOR EVOLUTION OF THE GRANITES IN WEST ANATOLIAN CORE COMPLEXES, TURKEY**
Kamaci Ö., ALTUNKAYNAK Ş.
40th Geology symposium, Adana, Turkey, 3 - 06 May 2017
- II. **The Origin and Petrogenesis of Mount Hasan (Small Mt. Hasan) and Keçiboydurdu Stratovolcanoes**
Çalışkanoğlu A. Z. , UNAL A., KAMACI Ö., Altunkaynak Ş.
European Geosciences Union General Assembly 2017, Viyana, Austria, 10 - 18 April 2017, pp.849
- III. **An integrated study on microtectonics, geothermometry and thermochronology of the Çataldağ Core**

Complex (NW Turkey): Implications for cooling, deformation and uplift history

KAMACI Ö., Altunkaynak Ş.

European Geosciences Union General Assembly 2017, Viyana, Austria, 10 - 18 April 2017, pp.13049

- IV. **Natural radioactivity of Western Anatolian plutons, Turkey**
PAPADOPOULOS A., Altunkaynak Ş., KORONEOS A., UNAL A., KAMACI Ö.
14. International Congress Thessaloniki, Thessaloniki, Greece, 25 - 27 May 2016, pp.1
- V. **Evidence for Early Miocene basaltic Influx into the crustal magma chambers in response to extension in western Anatolia**
KAMACI Ö., Altunkaynak Ş.
7th Geochemistry Symposium, Antalya, Turkey, 16 - 18 May 2016, pp.1
- VI. **"Kepsut Volkanik Topluluğu'nun (KB Anadolu) Kristal Boyut Dağılımı (CSD) ve Petrografisi: Magma Karışması ve Yükselim Süreçlerine Dair Bulgular", 69**
KAMACI Ö., Altunkaynak Ş.
69. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 25 - 29 April 2016, pp.1
- VII. **Two-stage Uplift of Granite-Gneiss-Migmatite Complex (GGMC) of Çataldağ Core Complex (Western Anatolia, Turkey): the role of detachment faults on uplift processes.**
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EGU 2016, Viyana, Austria, 17 - 22 April 2016, vol.18, pp.10086
- VIII. **Susurluk Volkanitlerinin Jeolojisi ve Petrojenezi (KB Anadolu)" Susurluk Volkanitlerinin Jeolojisi ve Petrojenezi (KB Anadolu)"**
Ünal A., KAMACI Ö., Altunkaynak Ş.
65. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 12 - 18 April 2016, pp.1
- IX. **Petrogenesis of Post-collisional high Ba-Sr granitoids: the Solarya Pluton, NW Turkey**
UNAL A., KAMACI Ö., Altunkaynak Ş.
EGU 2015, Viyana, Austria, 12 - 17 April 2015, vol.17, pp.7014
- X. **Petrogenesis of Post collisional high Ba Sr granitoids the Solarya Pluton NW Turkey In EGU General Assembly Conference Viyana Avusturya Abstracts Vol 17 p 7014**
Ünal A., Kamacı Ö., ALTUNKAYNAK Ş.
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- XI. **The Solarya Volcano-Plutonic Complex (NW Turkey): Petrography,Petrogenesis and Tectonic Implications**
UNAL A., KAMACI Ö., Altunkaynak Ş.
EGU General Assembly 2014, Viyana, Austria, 27 April - 02 May 2014, pp.1
- XII. **Solarya Plütönu (Balıkesir): KB Anadolu Epizönal Plütönlarina Bir Örneđ,**
Altunkaynak Ş., UNAL A., KAMACI Ö.
67. Türkiye Jeoloji Kurultayı, Bildiri Özleri, Ankara, Turkey, 25 - 29 April 2014, pp.1-2
- XIII. **Emplacement, Deformation and Exhumation of the Çataldağ Plutonic Complex: Implications for Neotectonic Evolution of NW Anatolia (Turkey)**
KAMACI Ö., UNAL A., Altunkaynak Ş.
AGU Fall Meeting, San Fransisko, United States Of America, 9 - 12 December 2013, pp.1
- XIV. **Petrographic and petrochemical evolution of calc-alkaline volcanic associations of western Turkey: Susurluk volcanites**
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International Earth Sciences Colloquium on the Aegean Region (IESCA 2012), İzmir, Turkey, 1 - 05 October 2012, pp.1
- XV. **The role of episodic basaltic input in the generation of Early Miocene volcanic suites of NW Anatolia: evidence from petrography and mineral chemistry of Kepsut-Dursunbey volcanites**
KAMACI Ö., Altunkaynak Ş.
International Earth Sciences Colloquium on the Aegean Region (IESCA 2012), İzmir, Turkey, 1 - 05 October 2012, pp.1
- XVI. **Volcanic stratigraphy and petrology of Susurluk volcanites (NW Turkey).**

UNAL A., KAMACI Ö., YILDIZ M., Atabek G., Yarar S., Altunkaynak Ş.

12th International Multidisciplinary Scientific Geoconferance (SGEM 2012), Albena, Bulgaria, 17 - 23 June 2012, pp.391-398

XVII. Geothermometry and geobarometry of Kepsut-Dursunbey volcanites (NW Anatolia, Turkey): Implications for magma chamber depth and crystallization conditions

KAMACI Ö., Altunkaynak Ş.

EGU General Assembly 2012, Viyana, Austria, 22 - 27 April 2012, vol.14, pp.1

XVIII. Geochemistry and Sr-Nd-Pb isotopic characteristics of the OligoMiocene volcanism in NW Turkey: Susurluk Vocanites

UNAL A., KAMACI Ö., Altunkaynak Ş.

EGU 2012, Viyana, Austria, 22 - 27 April 2012, vol.14, pp.1

XIX. Susurluk volkanitlerinin jeolojisi ve petrojenezi

UNAL A., KAMACI Ö., Altunkaynak Ş.

65. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 2 - 06 April 2012, pp.1

XX. VOLCAIC STRATIGRAPHY AND PETROLOGY OF SUSURLUK VOLCANITES (NW TURKEY)

Ünal A., Kamaci Ö., Yildiz M., Atabek G., Yarar S., Altunkaynak Ş.

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XXI. New Geochemical and Geochronological constraints for the origin of Orhaneli-Dursunbey Volcanic Rocks

Yarar S., KAMACI Ö., Altunkaynak Ş.

Goldschmidt 2011, Prag, Czech Republic, 14 - 19 August 2011, pp.1

XXII. Petrogenetic implications of two contrasting granite types in the Çataldağ Plutonic Complex, NW Turkey

KAMACI Ö., Altunkaynak Ş.

Goldschmidt 2011, Prag, Czech Republic, 14 - 19 August 2011, pp.1

XXIII. Orhaneli-Dursunbey volkaniklerinin jeolojisi, petrolojisi ve jeokronolojisi

Yarar S., KAMACI Ö., Altunkaynak Ş.

64. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 25 - 29 April 2011, pp.1

XXIV. Çataldağ plütonik kompleksi: sıyrılma fayları ve ilişkili makaslama zonlarının granit yerleşimi üzerindeki rolü

KAMACI Ö., Altunkaynak Ş.

64. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 25 - 29 April 2011, pp.1

XXV. Mineral chemistry and petrography of lava successions from Kepsut-Dursunbey volcanic fieald, NW Turkey: Implications from magmatic processes and crystallization conditions

KAMACI Ö., Altunkaynak Ş.

. International Conference on Geological Sciences and Engineering (ICGSE 2010), Venedik, Italy, 10 - 15 May 2010, pp.183-187

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