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Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (YI) (Tezli), Turkey 1994 - 2000

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (YI) (Tezli), Turkey 1990 - 1994

Undergraduate, Dokuz Eylul University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Pr., Turkey 1984 - 1990

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Magmatic and tectonic evolution of the Yuntdag magmatic complex (Western Anatolia), Dokuz Eylul University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (YI) (Tezli), 2000

Postgraduate, Geology and oil possibilities of the Çiçekdağ, Akçakent (Kırşehir) region, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği (YI) (Tezli), 1994

Research Areas

Areal Geology (general, maps and charts), Stratigraphy, Tectonics (Paleotectonics, Neotectonics, Seismotectonics), Structural Geology, Geology

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Pr., 2013 - Continues

Research Assistant, Dokuz Eylul University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Pr., 1990 - 2000

Published journal articles indexed by SCI, SSCI, and AHCI

1. Geological characteristics and tectonic setting of the Kiruna-type magnetite-apatite ores in the Bitlis Massif (SE Anatolia, Türkiye)

Erdoğan B., Akay E., Hasözbeğ A., Mertz-Kraus R., Özdiğ L.

NEUES JAHRBUCH FÜR MINERALOGIE. ABHANDLUNGEN MERGED WITH NEUES JAHRBUCH FUER MINERALOGIE, MONATSHEFTE, vol.198, no.3, pp.235-256, 2023 (SCI-Expanded)

- II. **Reply to comment by Erkuğ and Erkuğ on "Al-in-hornblende thermobarometry and Sr-Nd-O-Pb isotopic compositions of the Early Miocene Alacam granite in NW Anatolia (Turkey)"**
Hasözbeğ A., Erdoğan B., Satir M., Siebel W., AKAY E., Dogan G. D., Taubald H.
TURKISH JOURNAL OF EARTH SCIENCES, vol.23, no.4, pp.475-478, 2014 (SCI-Expanded)
- III. **Stratigraphy and tectonic evolution of the Kazdağı Massif (NW Anatolia) based on field studies and radiometric ages**
Erdoğan B., AKAY E., Hasözbeğ A., Satir M., Siebel W.
INTERNATIONAL GEOLOGY REVIEW, vol.55, no.16, pp.2060-2082, 2013 (SCI-Expanded)
- IV. **Low-sulfidation epithermal Au-Ag mineralization in the Sındirgi District, Balıkesir Province, Turkey**
Yılmaz H., SÖNMEZ F. N., AKAY E., Sener A. K., Tezel Tufan S.
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, no.4, pp.485-522, 2013 (SCI-Expanded)
- V. **Al-in-Hornblende Thermobarometry and Sr-Nd-O-Pb Isotopic Compositions of the Early Miocene Alacam Granite in NW Anatolia (Turkey)**
Hasözbeğ A., Erdoğan B., Satir M., Siebel W., AKAY E., Dogan G. D., Taubald H.
TURKISH JOURNAL OF EARTH SCIENCES, vol.21, no.1, pp.37-52, 2012 (SCI-Expanded)
- VI. **Stratigraphy of the Afyon Zone around Emet (Kutahya, NW Anatolia) and geochemical characteristics of the Triassic volcanism along the northern Menderes Massif**
AKAY E., İŞİNTEK İ., Erdoğan B., Hasözbeğ A.
NEUES JAHRBUCH FÜR MINERALOGIE-ABHANDLUNGEN, vol.188, no.3, pp.297-316, 2011 (SCI-Expanded)
- VII. **Early Miocene post-collisional magmatism in NW Turkey: geochemical and geochronological constraints**
Hasözbeğ A., Satir M., Erdoğan B., AKAY E., Siebel W.
INTERNATIONAL GEOLOGY REVIEW, vol.53, no.9, pp.1098-1119, 2011 (SCI-Expanded)
- VIII. **Early Miocene granite formation by detachment tectonics or not? A case study from the northern Menderes Massif (Western Turkey)**
Hasözbeğ A., AKAY E., Erdoğan B., Satir M., Siebel W.
JOURNAL OF GEODYNAMICS, vol.50, no.2, pp.67-80, 2010 (SCI-Expanded)
- IX. **Geology and petrology of the Simav Magmatic Complex (NW Anatolia) and its comparison with the Oligo-Miocene granitoids in NW Anatolia: implications on Tertiary tectonic evolution of the region**
AKAY E.
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.98, no.7, pp.1655-1675, 2009 (SCI-Expanded)
- X. **Evolution of neogene calc-alkaline to alkaline volcanism in the Aliaga-Foca region (Western Anatolia, Turkey)**
AKAY E., Erdoğan B.
JOURNAL OF ASIAN EARTH SCIENCES, vol.24, no.3, pp.367-387, 2004 (SCI-Expanded)
- XI. **Tertiary terrestrial to shallow marine deposition in central Anatolia: A palynological approach**
AKGÜN F., AKAY E., Erdoğan B.
Turkish Journal of Earth Sciences, vol.11, no.2, pp.127-160, 2002 (SCI-Expanded)
- XII. **Formation of subaqueous felsic domes and accompanying pyroclastic deposits on the Foca Peninsula (Izmi, Turkey)**
AKAY E., Erdoğan B.
INTERNATIONAL GEOLOGY REVIEW, vol.43, no.7, pp.661-674, 2001 (SCI-Expanded)
- XIII. **Geology of the yozgat region and evolution of the collisional cankiri basin**
Erdoğan B., AKAY E., Uğur M. S.
International Geology Review, vol.38, no.9, pp.788-806, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **Emplacement characteristics of the gneissic granites in the Menderes Massif and their implications on the tectonic evolution of the massif: New field observations and radiogenic age determinations.**
Erdoğan B., Akay E., Hasözbeğ A.
BULLETIN OF THE MINERAL RESEARCH AND EXPLORATION, no.142, pp.165-190, 2011 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **New U-Pb zircon ages from the Miocene volcanic association around İzmir: What they state for evolution of the terrestrial Miocene basins in western Anatolia?**
AKAY E., İŞİNTEK İ., HASÖZBEK A., KAYSERİ ÖZER M. S., Schmitt A., Zack T., GÜNGÖR T., MertzKraus R., ERDOĞAN B., AKGÜN F., et al.
International Earth Science Colloquium On the Aegean Region, 7 - 11 October 2019
- II. **Akhisar Doğusunun (Manisa-Batı Türkiye) Mesozoyik istifinden yeni paleontolojik veradyometrik yaş verileri Afyon Zonu ile korelasyonu**
İŞİNTEK İ., AKAY E., GÜNGÖR T., AKAL C., Gerdes A., Erdoğan B., Ünal S.
71. Türkiye Jeoloji Kurultayı, Turkey, 23 - 27 April 2018
- III. **Sr-isotope stratigraphy of marble sequence in the Kazdağı Massif (NW, Turkey): An alternative dating method in high-grade metamorphic domains**
HASÖZBEK A., AKAY E., Hartmann G.
EGU 2017, Viyana, Austria, 23 - 28 April 2017
- IV. **Stratigraphy of the Neogene sequence between İzmir and Manisa western Anatolia New palynological and radiogenic age data**
İŞİNTEK İ., AKAY E., KAYSERİ ÖZER M. S., HASÖZBEK A., zack t., AKGÜN F., erdoğan b.
17 th Palaeontology - Stratigraphy Workshop, Balıkesir, Turkey, 13 - 16 October 2016
- V. **Isotopic implications for the origin and the geodynamic nature of the Miocene granitic rocks in the northwest Anatolia (Turkey): comparison with the central Aegean magmatism.**
Hasözbeğ A., Satur M., Erdoğan B., Siebel W., Akay E., Doğan G. D.
EGU 2010, Vienna, Austria, 2 - 07 May 2010, pp.9621
- VI. **Magmatic evolution of the northwestern edge of Tauride-Anatolide Platform: Geochronological and isotopic implications**
Hasözbeğ A., Satır M., Erdoğan B., AKAY E., Siebel W.
19th Annual VM Goldschmidt Conference, Davos, Switzerland, 21 June 2009, vol.73
- VII. **Kazdağ Massif (NW Turkey): Metamorphic equivalent of the Mesozoic platform of Sakarya continent**
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- VIII. **Geology and Tectonic Evolution of the Kazdağı Massif (NW Anatolia)**
Erdoğan B., Akay E., Hasözbeğ A., Satır M., Siebel W.
EGU 2009, Vienna, Austria, 19 - 24 April 2009, pp.4417
- IX. **KB Anadolu'daki Çarpışmaya Bağlı Granitlerin U-Pb Jeokronolojisi, Sr-Nd İzotop Jeokimyası ve Petrojenetik Evrimlerinin Karşılaştırılması.**
Hasözbeğ A., Satır M., Erdoğan B., Akay E., Siebel W.
62. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 13 - 17 April 2009, pp.490-491
- X. **Kazdağ Masifi (KB Anadolu) metamagmatik kayalarının petrolojisi ve U/Pb-207Pb/206Pb jeokronolojisi**
Akay E., Erdoğan B., Hasözbeğ A., Satır M., Siebel W.
62. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 13 - 17 April 2009, pp.486-487
- XI. **Yeni Jeolojik Veriler Işığında Kazdağ Masifi'nin Tektonik Evrimi.**
Erdoğan B., Akay E., Hasözbeğ A., Satır M., Siebel W.

62. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 13 - 17 April 2009, pp.488-489
- XII. **Palynological Investigations of the Early Miocene Period in the İzmir-Sabuncubeli Area**
KAYSERİ ÖZER M. S., AKAY E., AKGÜN F., ERDOĞAN B.
30. yıl Jeoloji Sempozyumu, ADANA, Turkey, 25 - 27 October 2007
- XIII. **Neogene progressive calc-alkaline to alkaline volcanism in the Aliğa-Foça Region (western Anatolia, Turkey).**
Akay E.
NECAM 2006, Milos Island, Athens, Greece, 11 - 13 September 2006, pp.21
- XIV. **Comperative geology and petrology of young graanitoids in NW Aantylolia: their role on Tertiary tectonic evolution of the region**
Akay E.
59. Türkiye jeoloji Kurultayı, Ankara, Turkey, 20 - 24 March 2006, pp.32
- XV. **Subaqueous rhyolitic domes in Foça Peninsula (Western Anatolia) and their mode of emplacement.**
Akay E.
International Earth Science Colloquium on Aegean Region, İzmir, Turkey, 4 - 07 October 2005, pp.7
- XVI. **Evolution of Neogene calc-alkaline to alkaline volcanism in the Aliğa-Foça region (Western Anatolia, Turkey).**
Akay E.
International Earth Science Colloquium on Aegean Region, İzmir, Turkey, 4 - 07 October 2005, pp.8
- XVII. **Emplacement Mechanism of the Simav Magmatic Complex and characteristics of the Oligo-Miocene magmatism along the northern margin of Menderes Massif.**
Akay E., Hasözbeğ A., Erdoğan B.
International Earth Science Colloquium on Aegean Region, İzmir, Turkey, 4 - 07 October 2005, pp.7
- XVIII. **Geology of Simav region (Western Turkey) and evolution of the Northern Margin of Menderes Massif.**
Akay E., Hasözbeğ A., Erdoğan B.
5th International Symposium on Eastern Mediterranean Geology. Thseloniki, Greece. , Thessaloniki, Greece, 14 - 20 April 2004, pp.21-25
- XIX. **Evolution of Simav Magmatic Complex (SMC)-Turkey**
Hasözbeğ A., Akay E., Erdoğan B.
5th International Symposium on Eastern Mediterranean Geology Thessaloniki, Greece, Thessaloniki, Greece, 14 - 20 April 2004, pp.1121-1124
- XX. **The progressive Neogene volcanism in the Aliğa-Foça Region (İzmir, West Turkey).**
Akay E., Erdoğan B.
1 st. International Symposium of the Faculty of Mines (ITU) on Earth sciences and Engineering. , İstanbul, Turkey, 16 - 18 May 2002, pp.184
- XXI. **Stratigraphy and volcanic evolution of the Aliğa-Foça Region (Western-Turkey).**
Akay E., Erdoğan B.
4th International Turkish Geology Symposium. Work in Progress on the Geology of Turkey and its Surroundings. , Adana, Turkey, 24 - 28 September 2001, pp.25
- XXII. **Progressive calc-alkaline to alkaline volcanism in the Aliğa-Foça Region (İzmir, west Turkey).**
Akay E., Erdoğan B.
4th International symposium on Eastern Mediterranean Geology., Isparta, Turkey, 21 - 25 May 2001, pp.84
- XXIII. **Major and trace element geochemistry of the western Anatolian volcanics in the Aliğa-Foça region (İzmir, west Turkey).**
Akay E.
IESCA 2000, İzmir, Turkey, 25 - 29 September 2000, pp.115
- XXIV. **The Dumanlıdağ Caldera: Geological and Morphological characteristics (İzmir, west Turkey).**
Akay E.
IESCA 2000, İzmir, Turkey, 25 - 29 September 2000, pp.110
- XXV. **Stratigraphy and volcanic evolution of the Aliğa-Foça Region (western Turkey).**

Akay E., Erdoğan B.

IESCA 2000, İzmir, Turkey, 25 - 29 September 2000, pp.74

XXVI. Felsic domes of Foça Region (İzmir) and their emplacement.

Akay E.

Third International Turkish Geology Symposium. "Work in Progress on the Geology of Turkey and its Surroundings", Ankara, Turkey, 31 August - 04 September 1998, pp.86

XXVII. Çankırı Basin, an example of a collisional detrital basin.

Erdoğan B., Akay E.

IESCA 1995, Muğla, Turkey, 9 - 14 October 1995, pp.16

XXVIII. Stratigraphic evolution of the Çankırı Basin between Yerköy, Yozgat and Sungurlu.

Akay E., Erdoğan B.

Second International Turkish Geology Workshop "Work in Progress on the Geology of Turkey"., Sivas, Turkey, 6 - 08 September 1995, pp.2

XXIX. Basement of the Çankırı-Çorum Basin between Yozgat and Çiçekdağ.

Akay E.

Hacettepe Üniversitesinde Yerbilimlerinin 25. Yılı Sempozyumu, Ankara, Turkey, 15 - 17 November 1993, pp.54

Supported Projects

AKAY E., Project Supported by Higher Education Institutions, KAZDAĞI MASİFİ ' NİN (BATI ANADOLU) METAOFİYOLİTİK TEMELİ VE METAPLATFORM İSTİFİNİN YAŞI VE TEKTONİK ANLAMI, 2014 - 2016

AKAY E., Project Supported by Higher Education Institutions, MENDERES MASİFİ' NİN KUZAY KENARI BOYUNCA GÖZLENEN MİYOSEN GRANİTLERİNİN İZOTOP JEOKİMYASI (Sr-Nd-O-Pb), JEOKRONOLOJİSİ VE PETROJENETİK EVRİMİ, 2009 - 2010

Metrics

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