Prof. OSMAN PARLAK

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Biography

Osman Parlak completed his PhD on Tethyan ophiolites in the Department of Mineralogy at Geneva University in 1996. He has been working in the Geological Engineering Department at Çukurova University since 1997 and was assigned as a Professor since 2006. He continued his research as a postdoc in Department of Geology and Paleontology at Salzburg University in the frame of Lise Meitner Fellowship (Austrian Science Foundation) during 1997 and 1998. He was also visiting scientist at the University of Geneva in 2001. Osman Parlak conducted number of research projects on petrology and geochronology of ophiolites along the suture zones in Anatolia. He received "The Outstanding Young Scientist Award-Turkish Academy of Sciences (TÜBA)" in 2003, Young Scientists Encouragement Award (The Scientific and Technical Research Council of Turkey) in 2005 and EAGE 2013 Norman Falcon Award (European Association of Geoscientists & Engineers).

Education Information

Doctorate, Université de Genéve (University of Genéve), Üretim Yönetimi Ve Pazarlama Anabilim Dalı, Mineralogy, Switzerland 1993 - 1996
Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği, Turkey 1987 - 1990
Undergraduate, Cukurova University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1984 - 1987

Foreign Languages

French, B2 Upper Intermediate
German, A1 Beginner
English, C2 Mastery

Dissertations

Doctorate, Geochemistry and geochronology of the Mersin ophiolite within the eastern Mediterranean tectonic frame (southern Turkey), Université de Genéve (University of Genéve), Fen Bilimleri Enstitüsü, Mineralogy, 1996
Postgraduate, Kozan-Horzum (Adana) arasındaki bölgenin jeolojisi ve tektoniği., Cukurova University, Fen Bilimleri Enstitüsü, Jeoloji Mühendisliği, 1990

Research Areas

Geological Engineering, Mineralogy-petrography, Geochronology, Petrography and Petrology, Engineering and Technology

Academic Titles / Tasks

Professor, Cukurova University, Mühendislik Fakültesi, Jeoloji Müh., 2006 - Continues
Associate Professor, Cukurova University, Mühendislik Fakültesi, Jeoloji Müh., 2000 - 2006

Academic and Administrative Experience

Cukurova University, Mühendislik-Mimarlık Fakültesi, Jepoloji Mühendisliği Bölümü, 2014 - Continues
Cukurova University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği, 2012 - 2015
Adiyaman University, 2007 - 2011

Advising Theses

Parlak O., Göksun ofiyoliti ve Esence granitoyidi (Kahramanmaraş)'ni oluşturan farklı kayaların U-Pb yöntemiyle yaşlandırılması, Postgraduate, G.Şimşek(Student), 2018
Parlak O., Kızıldağ (Hatay) ofiyolitini oluşturan farklı magmatik kayaların U-Pb yöntemi ile yaşlandırılması, Postgraduate, E.Şimşek(Student), 2017
Parlak O., Koçali karmaşığını (Adıyaman) oluşturan okyanusal birimlerin petrolojik özellikleri ve tektonik önemi, Doctorate, N.Yıldırım(Student), 2017
Parlak O., Helete (Kahramanmaraş) bölgesinde yer alan tektonomagmatik birimlerin jeokimyası ve tektonik önemi, Doctorate, N.Nurlu(Student), 2016
Parlak O., Mersin ofiyolitine ait magmatik ve metamorfik kayaçların U-Pb yöntemi ile yaşlandırılması, Postgraduate, S.Ezgi(Student), 2015
Parlak O., Kızıldağ (Hatay) ofiyoliti'nde yer alan levha dayklarının kökeni, Postgraduate, A.Çaputçu(Student), 2013
Parlak O., Güneydoğu Anadolu orojenik kuşağında yer alan ofiyolitik ve granitik kayaçların jeokronolojisi, Doctorate, F.Karaoğlan(Student), 2012
Parlak O., Diyarbakır (Çermik) ve Şanlıurfa (Karaali) illerinde yeralan kaplıca kaynaklarının kökensel incelenmesi, Postgraduate, N.Özel(Student), 2010
Parlak O., İspendere (Malatya) ofiyoliti'nin kökensel incelemesi, Postgraduate, N.Nurlu(Student), 2009
Parlak O., Pöhrenk (Kırşehir) fluorit yataklarının kökensel incelenmesi, Doctorate, Y.Uras(Student), 2007
Parlak O., Soğanlı-Uyandık (Elazığ) arasında yüzeyleyen Elazığ mağmatiklerinin jeolojisi, petrografisi ve jeokimyası, Postgraduate, C.Dönmez(Student), 2006
Parlak O., Yukarıtırtar-Aşağıtırtar köyleri (Isparta kuzeydoğusu)arasında gözlenen manyezit yatağının oluşumu ve kökeni, Doctorate, Y.Topak(Student), 2006
Parlak O., Günedoğru-Beğre (Doğanşehir-Malatya) Arasında Yüzeyleyen Tektonomagmatik Birimlerin Petrografisi ve Jeokimyası, Postgraduate, F.Karaoğlan(Student), 2005
Parlak O., Geology, petrography and geochemistry of the Pınarbaşı (Kayseri) ophiolite, Postgraduate, Ö.Vergili(Student), 2005
Parlak O., Kızıldağ (Hatay) ve Tekirova (Antalya) ofiyolitlerinin jeokimyası ve petrolojisi, Doctorate, U.Bağcı(Student), 2004
Parlak O., Arguvan-Arapkir (Malatya) arasında Malatya fay hattı boyunca gözlenen neojen volkaniklerinin petrolojisi, Doctorate, T.Ekici(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Neotethyan Ankara Melange, central Turkey in its Triassic-Eocene regional tectonic setting including accretionary melanges, magmatic arcs and continental units**
Robertson A. H. F., Parlak O., Ustaömer T.
INTERNATIONAL GEOLOGY REVIEW, vol.1, no.2, pp.1-56, 2023 (SCI-Expanded)

II. **Role of Late Cretaceous volcanic-sedimentary melanges, specifically the Aladağ melange, E Turkey, in the rift-drift-subduction-accretion-emplacement history of the Tethyan Inner Tauride ocean**
Robertson A. H., Parlak O., Dumitrica P.
INTERNATIONAL GEOLOGY REVIEW, vol.64, pp.1139-1190, 2022 (SCI-Expanded)

III. **Au-rich bimodal-mafic type volcanogenic massive sulphide deposit associated with Jurassic arc volcanism from the Central Pontide (Kastamonu, Turkey)**
Parlak O.
ORE GEOLOGY REVIEWS, vol.141, pp.104660, 2022 (SCI-Expanded)

IV. **Late Palaeozoic-Neogene sedimentary and tectonic development of the Tauride continent and adjacent Tethyan ocean basins in eastern Turkey: New data and integrated interpretation**
Parlak O.
JOURNAL OF ASIAN EARTH SCIENCES, vol.220, pp.104859, 2021 (SCI-Expanded)

V. **Late Palaeozoic extensional volcanism along the northern margin of Gondwana in southern Turkey: implications for Palaeotethyan development**
Robertson A. H. F., Parlak O., Ustaömer T.
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.110, pp.1961-1994, 2021 (SCI-Expanded)

VI. **Late Cretaceous-Palaeocene subduction-collision-exhumation of a microcontinent along the northern, active margin of the Southern Neotethys: Evidence from the Alanya Massif and the adjacent Antalya Complex (S Turkey)**
Robertson A. H. F., PARLAK O.
JOURNAL OF ASIAN EARTH SCIENCES, vol.201, 2020 (SCI-Expanded)

VII. **Thermoluminescence of beta-particle induced Bern-4M muscovite**
Portakal-Uçar Z. G., Akça S., Balci-Yegen S., Yüksel M., Doğan T., Souadi G., Parlak O., Topaksu M., Can N.
RADIATION PHYSICS AND CHEMISTRY, vol.174, 2020 (SCI-Expanded)

VIII. **Petrology of the late Triassic mafic volcanic rocks from the Antalya Complex, southern Turkey: evidence for mantle source characteristics during the Neotethyan rifting**
BAĞCI U., RIZAOĞLU T., Onal G., PARLAK O.
TURKISH JOURNAL OF EARTH SCIENCES, vol.29, no.7, pp.1049-1072, 2020 (SCI-Expanded)

IX. **Petrology of ultramafic to mafic cumulate rocks from the Goksun (Kahramanmara) ophiolite, southeast Turkey**
PARLAK O., BAĞCI U., RIZAOĞLU T., Ionescu C., Onal G., Hock V., Kozlu H.
GEOSCIENCE FRONTIERS, vol.11, no.1, pp.109-128, 2020 (SCI-Expanded)

X. **Rapid cooling history of a Neotethyan ophiolite: Evidence for contemporaneous subduction initiation and metamorphic sole formation**
PARLAK O., Dunkl I., KARAOĞLAN F., Kusky T. M., Zhang C., Wang L., Koepke J., Billor Z., Hames W. E., ŞİMŞEK E., et al.
GEOLOGICAL SOCIETY OF AMERICA BULLETIN, vol.131, pp.2011-2038, 2019 (SCI-Expanded)

XI. **Geology, geochemistry and Re-Os geochronology of the Jurassic Zeybek volcanogenic massive sulfide deposit (Central Pontides, Turkey)**
Gunay K., Donmez C., Oyan V., Baran C., Çiftçi E., PARLAK O., Yildirim N., Deng X., Li C., YILDIRIM E., et al.
ORE GEOLOGY REVIEWS, vol.111, 2019 (SCI-Expanded)

XII. **Decoding of Mantle Processes in the Mersin Ophiolite, Turkey, of End-Member Arc Type: Location of the Boninite Magma Generation**
Ishimaru S., Saikawa Y., Miura M., PARLAK O., Arai S.
MINERALS, vol.8, no.10, 2018 (SCI-Expanded)

XIII. **Mineralogy and genesis of the Ni-Co lateritic regolith deposit of the Caldag area (Manisa, western Anatolia), Turkey**
HELVACI C., OYMAN T., GÜNDOĞAN İ., SÖZBİLİR H., PARLAK O., KADİR S., Guven N.
CANADIAN JOURNAL OF EARTH SCIENCES, vol.55, no.3, pp.252-271, 2018 (SCI-Expanded)

XIV. **Geochemistry and Nd, Sr Isotopes of the Pohrenk Fluorites (Kirsehir-Turkey)**
Uras Y., NIKIFOROV A. V., Oner F., PARLAK O.
GEOCHEMISTRY INTERNATIONAL, vol.55, no.3, pp.263-281, 2017 (SCI-Expanded)

XV. **Geochemical characteristics of ophiolitic rocks from the southern margin of the Sivas basin and their implications for the Inner Tauride Ocean, Central-Eastern Turkey**
KAVAK K. Ş., PARLAK O., Temiz H.
GEODINAMICA ACTA, vol.29, no.1, pp.160-180, 2017 (SCI-Expanded)

XVI. **The tauride ophiolites of Anatolia (Turkey): A review**
PARLAK O.
JOURNAL OF EARTH SCIENCE, vol.27, no.6, pp.901-934, 2016 (SCI-Expanded)

XVII. **The temporal evolution of the active margin along the Southeast Anatolian Orogenic Belt (SE Turkey): Evidence from U-Pb, Ar-Ar and fission track chronology**
KARAOĞLAN F., PARLAK O., HEJL E., NEUBAUER F., KLOETZLI U.
GONDWANA RESEARCH, vol.33, pp.190-208, 2016 (SCI-Expanded)

XVIII. **Late Cretaceous-Miocene sedimentary development of the Arabian continental margin in SE Turkey (Adiyaman region): Implications for regional palaeogeography and the closure history of Southern Neotethys**
Robertson A., Boulton S. J., Tasli K., Yıldırım N., Inan N., Yildiz A., PARLAK O.
JOURNAL OF ASIAN EARTH SCIENCES, vol.115, pp.571-616, 2016 (SCI-Expanded)

XIX. **Late Triassic rifting and Jurassic-Cretaceous passive margin development of the Southern Neotethys: evidence from the AdA +/- yaman area, SE Turkey**
Robertson A. H. F., PARLAK O., Yıldırım N., Dumitrica P., Tasli K.
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.105, no.1, pp.167-201, 2016 (SCI-Expanded)

XX. **Permian-Recent palaeogeographical and tectonic development of Anatolia: some recent contributions**
Robertson A. H. F., PARLAK O., Ustaomer T.
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.105, no.1, pp.1-5, 2016 (SCI-Expanded)

XXI. **Implications of Late Cretaceous U-Pb zircon ages of granitic intrusions cutting ophiolitic and volcanogenic rocks for the assembly of the Tauride allochthon in SE Anatolia (Helete area, KahramanmaraAY Region, SE Turkey)**
Nurlu N., Parlak O., Robertson A., Von Quadt A.
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.105, pp.283-314, 2016 (SCI-Expanded)

XXII. **Geochemical characteristics and age of metamorphic sole rocks within a Neotethyan ophiolitic melange from Konya region (central southern Turkey)**
DASCI H. T., PARLAK O., NURLU N., BILLOR Z.
GEODINAMICA ACTA, vol.27, no.4, pp.223-243, 2015 (SCI-Expanded)

XXIII. **Age and duration of intra-oceanic arc volcanism built on a suprasubduction zone type oceanic crust in southern Neotethys, SE Anatolia**
Karaoglan F., Parlak O., KLOETZLI U., KOLLER F., RIZAOĞLU T.
GEOSCIENCE FRONTIERS, vol.4, no.4, pp.399-408, 2013 (SCI-Expanded)

XXIV. **U-Pb and Ar-40-Ar-39 geochronology of the ophiolites and granitoids from the Tauride belt: Implications for the evolution of the Inner Tauride suture**
PARLAK O., KARAOĞLAN F., Rizaoglu T., KLÖTZLİ U., KOLLER F., BİLLOR Z.
JOURNAL OF GEODYNAMICS, vol.65, pp.22-37, 2013 (SCI-Expanded)

XXV. **U-Pb and Sm-Nd geochronology of the Kizildag (Hatay, Turkey) ophiolite: implications for the timing and duration of suprasubduction zone type oceanic crust formation in the southern Neotethys**
KARAOĞLAN F., PARLAK O., Kloetzli U., Thoeni M., Koller F.

GEOLOGICAL MAGAZINE, vol.150, no.2, pp.283-299, 2013 (SCI-Expanded)

XXVI. **Subduction, ophiolite genesis and collision history of Tethys adjacent to the Eurasian continental margin: new evidence from the Eastern Pontides, Turkey**
Robertson A., PARLAK O., Ustaomer T., Tasli K., Inan N., Dumitrica P., KARAOĞLAN F.
GEODINAMICA ACTA, vol.26, pp.230-293, 2013 (SCI-Expanded)

XXVII. **Overview of the Palaeozoic-neogene evolution of neotethys in the Eastern Mediterranean region (southern turkey, cyprus, Syria)**
Robertson A. H. F., PARLAK O., Ustaomer T.
PETROLEUM GEOSCIENCE, vol.18, no.4, pp.381-404, 2012 (SCI-Expanded)

XXVIII. **U-Pb and Sm-Nd geochronology of the ophiolites from the SE Turkey: implications for the Neotethyan evolution**
KARAOĞLAN F., PARLAK O., Klotzli U., Thoni M., Koller F.
GEODINAMICA ACTA, vol.25, pp.146-161, 2012 (SCI-Expanded)

XXIX. **Fission-track thermochronology, vertical kinematics, and tectonic development along the western extension of the North Anatolian Fault zone**
HEJL E., BERNROIDER M., PARLAK O., WEINGARTNER H.
JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH, vol.115, 2010 (SCI-Expanded)

XXX. **Tethyan tectonics of the Mediterranean region: Some recent advances**
Robertson A. H. F., PARLAK O., Koller F.
TECTONOPHYSICS, vol.473, pp.1-3, 2009 (SCI-Expanded)

XXXI. **Andean-type active margin formation in the eastern Taurides: Geochemical and geochronogical evidence from the Baskil granitoid (Elazig, SE Turkey)**
Rizaoglu T., PARLAK O., HOECK V., KOLLER F., HAMES W. E., BİLLOR Z.
TECTONOPHYSICS, vol.473, pp.188-207, 2009 (SCI-Expanded)

XXXII. **Tectonic significance of the geochemistry and petrology of ophiolites in southeast Anatolia, Turkey**
PARLAK O., Rizaoglu T., Bagci U., KARAOĞLAN F., HOECK V.
TECTONOPHYSICS, vol.473, pp.173-187, 2009 (SCI-Expanded)

XXXIII. **Petrology of the Tekirova (Antalya) ophiolite (Southern Turkey): evidence for diverse magma generations and their tectonic implications during Neotethyan-subduction**
Bagci U., PARLAK O.
INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.98, no.2, pp.387-405, 2009 (SCI-Expanded)

XXXIV. **Geochemistry of the Middle Miocene Collision-related Yamadagi (Eastern Anatolia) Calc-alkaline Volcanics, Turkey**
EKİCİ T., Alpaslan M., PARLAK O., UÇURUM A.
TURKISH JOURNAL OF EARTH SCIENCES, vol.18, no.4, pp.511-528, 2009 (SCI-Expanded)

XXXV. **Melange genesis and ophiolite emplacement related to subduction of the northern margin of the Tauride-Anatolide continent, central and western Turkey**
Robertson A. H. F., PARLAK O., Ustaoemer T.
COLLISION AND COLLAPSE AT THE AFRICA-ARABIA-EURASIA SUBDUCTION ZONE, vol.311, pp.9-66, 2009 (SCI-Expanded)

XXXVI. **Geochemistry and tectonic environment of diverse magma generations forming the crustal units of the Kizildag (Hatay) ophiolite, southern Turkey**
Bagci U., PARLAK O., HOECK V.
TURKISH JOURNAL OF EARTH SCIENCES, vol.17, no.1, pp.43-71, 2008 (SCI-Expanded)

XXXVII. **Geochemistry of the Pliocene basalts erupted along the Malatya-Ovacik Fault Zone (MOFZ), eastern Anatolia, Turkey: Implications for source characteristics and partial melting processes**
EKİCİ T., Alpaslan M., PARLAK O., TEMEL A.
CHEMIE DER ERDE-GEOCHEMISTRY, vol.67, no.3, pp.201-212, 2007 (SCI-Expanded)

XXXVIII. **Geodynamic significance of granitoid magmatism in the southeast Anatolian orogen: geochemical and geochronogical evidence from Goksun-Afsin (Kahramanmaras, Turkey) region**
Parlak O.

INTERNATIONAL JOURNAL OF EARTH SCIENCES, vol.95, no.4, pp.609-627, 2006 (SCI-Expanded)

XXXIX. **The Berit transect of the Tauride thrust belt, S Turkey: Late Cretaceous-Early Cenozoic accretionary/collisional processes related to closure of the Southern Neotethys**
ROBERTSON A. H. F., USTAOMER T., Parlak O., Unlugenc U. C., TASLI K., INAN N.
JOURNAL OF ASIAN EARTH SCIENCES, vol.27, no.1, pp.108-145, 2006 (SCI-Expanded)

XL. **Geochemical character and tectonic environment of ultramafic to mafic cumulate rocks from the Tekirova (Antalya) ophiolite (southern Turkey)**
BAGCI U., Parlak O., HÖCK V.
GEOLOGICAL JOURNAL, vol.41, no.2, pp.193-219, 2006 (SCI-Expanded)

XLI. **Nature and significance of Late Cretaceous ophiolitic rocks and their relation to the Baskil granitic intrusions of the Elazig region, SE Turkey**
Rizaoglu T., PARLAK O., Hoeck V., İŞLER F.
TECTONIC DEVELOPMENT OF THE EASTERN MEDITERRANEAN REGION, vol.260, pp.327-350, 2006 (SCI-Expanded)

XLII. **Origin and tectonic significance of the metamorphic sole and isolated dykes of the Divrigi ophiolite (Sivas, Turkey): Evidence for slab break-off prior to ophiolite emplacement**
Parlak O., YILMAZ H., BOZTUG D.
TURKISH JOURNAL OF EARTH SCIENCES, vol.15, no.1, pp.25-45, 2006 (SCI-Expanded)

XLIII. **Geochemistry and tectonic setting of metamorphic sole rocks and mafic dikes from the Pinarbasi (Kayseri) Ophiolite, Central Anatolia (Turkey)**
Vergili Z., Parlak O.
OFIOLITI, vol.30, no.1, pp.37-52, 2005 (SCI-Expanded)

XLIV. **The ophiolite-related Mersin Melange, southern Turkey: its role in the tectonic-sedimentary setting of Tethys in the Eastern**
Parlak O., ROBERTSON A.
GEOLOGICAL MAGAZINE, vol.141, no.3, pp.257-286, 2004 (SCI-Expanded)

XLV. **The supra-subduction zone Pozanti-Karsanti ophiolite, southern Turkey: evidence for high-pressure crystal fractionation of ultramafic cumulates**
Parlak O., HÖCK V., DELALOYE M.
LITHOS, vol.65, pp.205-224, 2002 (SCI-Expanded)

XLVI. **Geochemistry of Pliocene/Pleistocene basalts along the Central Anatolian Fault Zone (CAFZ), Turkey**
PARLAK O., DELALOYE M., DEMIRKOL C., Unlugenc U.
GEODINAMICA ACTA, vol.14, pp.159-167, 2001 (SCI-Expanded)

XLVII. **Terlemez quartz monzonite of Central Anatolia (Aksaray-Sarikaraman): age, petrogenesis and geotectonic implications for ophiolite emplacement**
YALINIZ K., AYDIN N., GONCUOGLU M., Parlak O.
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XLVIII. **Precise Ar-40/Ar-39 ages from the metamorphic sole of the Mersin ophiolite (southern Turkey)**
Parlak O., DELALOYE M.
TECTONOPHYSICS, vol.301, pp.145-158, 1999 (SCI-Expanded)

XLIX. **Geochronology and Geochemistry of Basaltic Rocks in The Karasu Graben Around Kırıkhan (Hatay), S. Turkey**
PARLAK O., KOP A., ÜNLÜGENÇ Ü. C., Demirkol C.
TURKISH JOURNAL OF EARTH SCIENCES, no.7, pp.53-61, 1998 (SCI-Expanded)

L. **Phase and cryptic variation through the ultramafic-mafic cumulates in the Mersin ophiolite (Southern Turkey)**
Parlak O., DELALOYE M., BINGOL E.
OFIOLITI, vol.22, no.1, pp.81-92, 1997 (SCI-Expanded)

LI. **Intracontinental plio-quaternary volcanism along the African-Anatolian plate boundary, southern Turkey**
Parlak O., KOZLU H., DEMIRKOL C., DELALOYE M.

OFIOLITI, vol.22, no.1, pp.111-117, 1997 (SCI-Expanded)

LII. **Geochemistry and timing of post-metamorphic dyke emplacement in the Mersin Ophiolite (southern Turkey): New age constraints from Ar-40/Ar-39 geochronology**
Parlak O., DELALOYE M.
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Articles Published in Other Journals

I. **Neotethyan Ankara Melange, central Turkey: Formation by accretion of seamounts and supra-subduction zone ophiolites in an oceanic fore-arc setting**
Parlak O.
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II. **Ion-probe (SIMS) U-Pb geochronology and geochemistry of the Upper Cretaceous Kızıldağ (Hatay) ophiolite: Implications for supra-subduction zone spreading in the Southern Neotethys**
Şimşek E., Parlak O., Robertson A. H.
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III. **Magnetic anisotropy of a sub-ophiolitic metamorphic sole (Mersin ophiolite, Türkiye)**
Çavdar B., Morris A., Anderson M., Menegon L., PARLAK O.
Bulletin of the mineral research and exploration, no.170, pp.1-14, 2023 (ESCI)

IV. **Geochemistry and tectonic significance of the ophiolitic rocks of the Yarpuz-Kaypak (Amanoslar, Osmaniye) area**
RIZAOĞLU T., BAĞCI U., PARLAK O.
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V. **İSPENDERE MALATYA OFİYOLİTİ NİN PETROGRAFİSİ**
NURLU N., PARLAK O.
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Books & Book Chapters

I. **Evidence of Eocene high-temperature/high-pressure metamorphism of ophiolitic rocks and granitoid intrusion related to Neotethyan subduction processes (Doğanşehir area, SE Anatolia)**
KARAOĞLAN F., PARLAK O., ROBERTSON A. H. F., KOLLER F., KLOTZLI U., THÖNI M.
in: Geological Development of Anatolia and the Easternmost Mediterranean Region, Robertson Alastair Harry Forbes, Parlak Osman, Ünlügenç Ulvi Can, Editor, The Geological Society Publishing House, London, pp.249-272, 2013

II. **Petrology of the İspendere (Malatya) ophiolite from the Southeast Anatolia: Implications for the Late Mesozoic evolution of the southern Neotethyan ocean**
PARLAK O., KARAOĞLAN F., RIZAOĞLU T., NURLU N.
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IV. **Tectonic evolution of the South Tethyan ocean: evidence from the Eastern Taurus Mountains (Elazığ Region, SE Turkey)**
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LXX. **Güneydoğu Anadolu Orojenik Kuşağında Yeralan İspendere (Malatya) Ofiyoliti?nin Tektonik Ortamı ve Önemi**
NURLU N., PARLAK O., Rızaoğlu T., KARAOĞLAN F., Bağcı U., Önal A., Kürüm s.
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LXXI. **Gu neydoğu Anadolu Orojenik Kuşağında Yeralan İspendere Malatya Ofiyoliti nin Tektonik Ortamı ve Önemi**
PARLAK O., NURLU N., RIZAOĞLU T., KARAOĞLAN F., BAĞCI U., ÖZTÜFEKÇİ ÖNAL A., KÜRÜM S.

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LXXII. **TECTONIC SIGNIFICANCE OF THE GEOCHEMISTRY AND PETROLOGY OF THE TEKIROVA (ANTALYA) OPHIOLITE, SOUTHERN TURKEY**
BAĞCI U., PARLAK O., Hock V.
10th International Multidisciplinary Scientific GeoConference SGEM 2010, Albena, Bulgaria, 20 - 26 June 2010, pp.157-159

LXXIII. **Differentiation of Neotethyan ophiolitic melange and an approach revealing its surficial chromite deposits using ASTER image and spectral measurements (Sivas/TURKEY)**
KAVAK K. Ş., Tore Y., TEMİZ H., PARLAK O., Cigla H., Yakan M.
Conference on Earth Resources and Environmental Remote Sensing - GIS Applications, Toulouse, France, 21 - 23 September 2010, vol.7831

LXXIV. **Isotope geochemistry and geochronology of unusual granitoid and ophiolite bodies along the SE Anatolian orogen, Turkey**
KARAOĞLAN F., PARLAK O., THÖNİ M., KLÖTZLİ U., KOLLER F.
Alpine Ophiolites and Modern Analogues Workshop, Parma, Italy, 30 September - 02 October 2009, pp.38-39

LXXV. **Ophiolites and granitoids of the southeast Anatolian orogenic belt Turkey**
PARLAK O., KARAOĞLAN F., KLÖTZLİ U., THÖNİ M., KOLLER F., HEJL E., NEUBAUER F.
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LXXVII. **Geochronology and isotope geochemistry of the ophiolites and granitoids along the southeast Anatolian orogenic belt.**
KARAOĞLAN F., PARLAK O., KLÖTZLİ U., THÖNİ M., KOLLER F., HEJL E., RIZAOĞLU T.
62th Geological Kurultai of Turkey, Ankara, Turkey, 13 - 17 April 2009, vol.1, no.1, pp.846-847

LXXVIII. **Geochronology of Ophiolites and Granitoids within the Southeast Anatolian Orogen**
PARLAK O., KARAOĞLAN F., Koller F., KLÖTZLI U., Hejl E., NEUBAUER F., THÖNI M., HÖCK V.
Workshop on Ophiolites and the Palaeogeographic and Tectonic Reconstruction of the Alpine-Carpatian-Dinaric Orogenic Belt for the Occasion of the 65th Birthday and Retirement of Prof. Dr. Volker HÖCK, Salzburg, Austria, 14 November 2008, vol.1, pp.26

LXXIX. **Güneydoğu Anadolu Orojenik Kuşağında Yeralan Ofiyolitler ve Granitoyidlerin Jeokronolojisi**
PARLAK O., KARAOĞLAN F., RIZAOĞLU T., BAĞCI U.
Prof. Dr. Servet Yaman Maden Yatakları ve Jeokimya Çalıştayı, Adana, Turkey, 23 - 25 October 2008, vol.1, pp.15-17

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PARLAK O., KARAOĞLAN F., RIZAOĞLU T., BAĞCI U.
Prof. Dr. Servet Yaman Maden Yatakları - Jeokimya Çalıştayı, Adana, Turkey, 23 - 25 October 2008, pp.15

LXXXI. **Timing of subduction related magmatism and metamorphism during the evolution of the southeast Anatolian orogen Turkey**
PARLAK O., RIZAOĞLU T., KARAOĞLAN F., Hames W., Billor Z.
European Geosciences Union General Assembly, Viyana, Austria, 15 - 20 April 2007, vol.9, pp.5990

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PARLAK O., RIZAOĞLU T., KARAOĞLAN F., Billor Z., Hames W.
The 56th Annual Meeting of the Southeastern Section of the Geological Society of America, Georgia, United States Of America, 29 - 30 March 2007, vol.39, pp.13

LXXXIII. **Geochemistry and tectonic significance of the Doğanşehir Malatya granitoid**
KARAOĞLAN F., PARLAK O.
59. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 20 - 24 March 2006, vol.1, pp.495-496

Supported Projects

PARLAK O., Project Supported by Higher Education Institutions, Guleman (Elazığ) Ofiyolitinde Manto ve Kabuksal Kayaların Petrolojik Özellikleri, 2018 - 2022
TOPAKSU M., PARLAK O., BALCI YEGEN S., PORTAKAL Z. G., YÜKSEL M., AKÇA S., DOĞAN T., Project Supported by Higher Education Institutions, Muskovit Mineralinin Termolüminesans(TL) Özelliklerinin İncelenmesi, 2016 - 2018
PARLAK O., ŞİMŞEK G., Project Supported by Higher Education Institutions, GÖKSUN OFİYOLİTİ VE ESENCE GRANİTOYİDİ (KAHRAMANMARAŞ)?Nİ OLUŞTURAN FARKLI KAYALARIN U-Pb YÖNTEMİYLE YAŞLANDIRILMASI, 2015 - 2018
TOPAKSU M., YÜKSEL M., AKÇA S., DOĞAN T., PARLAK O., Project Supported by Higher Education Institutions, Serpantinit Mineralinin Karakterizasyonu ve Lüminesans Özellikleri, 2015 - 2018
PARLAK O., ŞİMŞEK E., Project Supported by Higher Education Institutions, Kızıldağ Ofiyolitini Oluşturan Farklı Magmatik Kayaların U-Pb Yöntemi ile Yaşlandırılması, 2015 - 2017
PARLAK O., Project Supported by Higher Education Institutions, Subduction Initiation Metamorphic Sole Formation and Rollback Processes for Genesis and Emplacement of Tethyan Ophiolites in Turkey, 2016 - 2016
PARLAK O., Project Supported by Higher Education Institutions, Tethyan Ophiolites of Turkey, 2015 - 2016
PARLAK O., AKYILDIZ M., Project Supported by Higher Education Institutions, Jeoloji Mühendisliği Bölümü Araştırma Alt Yapısının Güçlendirilmesi, 2015 - 2016
PARLAK O., KARAOĞLAN F., Project Supported by Higher Education Institutions, Toros Kuşağı Ofiyolitleri ile Ofiyolit Tabanı Metamorfiklerin Zamansal-Mekansal İlişkisinin U-Pb SIMS ve 40Ar/39Ar yöntemi ile Araştırılması, 2014 - 2016
PARLAK O., Project Supported by Higher Education Institutions, Pozantı-Karsantı (Aladağ) Ofiyolitini Oluşturan Magnetik ve Metamorfik Kayaçların U-Pb Yöntemi ile Yaşnaldırılması, 2013 - 2016
PARLAK O., Project Supported by Higher Education Institutions, Kızıldağ (Hatay) ofiyolitini Oluşturan Mağmatik Kayaçların U-Pb Yöntemi ile Yaşlandırılması, 2013 - 2016
PARLAK O., Project Supported by Higher Education Institutions, Uluslararası Yayınları Özendirme Desteği (6 Adet), 2013 - 2015
PARLAK O., Project Supported by Higher Education Institutions, Mersin Ofiyolitini Oluşturan Magmatik ve Metamorfik Kayaçların U-Pb Yöntemi ile Yaşlandırılması, 2013 - 2015
PARLAK O., Project Supported by Higher Education Institutions, Helete (Kahramanmaraş) Bölgesinde Yeralan Tektonomagmatik Birimlerin Jeokimyası ve Tektonik Önemi, 2011 - 2015

Activities in Scientific Journals

Advances in Geology, Committee Member, 2013 - Continues
TPJD Bülteni, Committee Member, 2012 - Continues
Ofioliti, Committee Member, 2011 - Continues
Turkish Journal of Earth Sciences, Committee Member, 2011 - Continues
MTA Dergisi, Committee Member, 2011 - Continues

Memberships / Tasks in Scientific Organizations

Adana Alliance Française, Secretary General, 2011 - Continues
TMMOB Jeoloji Mühendisleri Odası, Member, 1987 - Continues

Scientific Refereeing

International Journal of Earth Sciences, SCI Journal, August 2015
International Journal of Earth Sciences, SCI Journal, June 2015
International Journal of Earth Sciences, SCI Journal, June 2015

International Journal of Earth Sciences, SCI Journal, June 2015
TUBITAK Project, June 2015
Journal of Geodynamics, SCI Journal, May 2015
Gondwana Research, SCI Journal, April 2015
TUBITAK Project, April 2015
International Journal of Earth Sciences, SCI Journal, March 2015
Lithos, SCI Journal, March 2015
Project Supported by Higher Education Institutions, February 2015
International Journal of Earth Sciences, SCI Journal, January 2015

Scientific Consultations

Maden Tetkik ve Arama Genel Müdürlüğü, Project Consultancy, Cukurova University, Mühendislik Fakültesi, Jeoloji Müh., Turkey, 2015 - 2015
Maden Tetkik ve Arama Genel Müdürlüğü, Project Consultancy, Cukurova University, Mühendislik Fakültesi, Jeoloji Müh., Turkey, 2015 - 2015

Metrics

Publication: 148
Citation (WoS): 1654
Citation (Scopus): 1727
H-Index (WoS): 25
H-Index (Scopus): 25

Congress and Symposium Activities

Second International Workshop on Tethyan Orogenesis and Metallogeny in Asia and Silk Road Higher Education Cooperation Forum, Invited Speaker, Wuhan, China, 2015
Second International Workshop on Tethyan Orogenesis and Metallogeny in Asia (IWTOMA) and Silk Road Higher Education Cooperation Forum, Attendee, Wuhan, China, 2015
Darius Programme Final Meeting, Attendee, Paris, France, 2014
30th International Conference on Ore Potential of Alkaline Kimberlite and carbonatite Magmatism, Invited Speaker, Antalya, Turkey, 2014
XXth Congress of the Carpatian Balkan Geological Association (CBGA 2014), Attendee, Tiranë, Albania, 2014
International Workshop on Convergent Margins, Invited Speaker, Trabzon, Turkey, 2014
International Workshop on Convergent Margins, Invited Speaker, Trabzon, Turkey, 2014
67. Türkiye Jeoloji Kurultayı, Attendee, Ankara, Turkey, 2014
Darius Programme Tbilisi meeting, Eastern Black Sea and Caucasus Workshop, Attendee, Tbilisi, Georgia, 2013
V. Geochemistry symposium with international participation, Invited Speaker, Denizli, Turkey, 2012
Workshop on ophiolites and related ore and industrial minerals, Invited Speaker, Trabzon, Turkey, 2012
3. Ulusal Jeokimya Sempozyumu, Invited Speaker, Bursa, Turkey, 2008

Scholarships

Lise Meitner Fellowship (M444-GEO), Official Institutions of Foreign Countries, 1997 - 1998
Münir Birsel Yüksek Lisans Bursu, TUBITAK, 1989 - 1990

Awards

PARLAK O., Norman Falcon Award, European Association of Geosciences and Engineers, June 2013
PARLAK O., Teşvik Ödülü, Tübitak, July 2005
Parlak O., Altın Çekiç Araştırma Ödülü, Tmmob Jeoloji Mühendisleri Odası, April 2005
PARLAK O., Üstün Başarılı Genç Bilim İnsanlarını Ödüllendirme Programı (GEBİP), Türkiye Bilimler Akademisi, June 2003