

Prof. FUAT BORA ROJAY

Personal Information

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 1985 - 1993

Post Graduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 1982 - 1985

Under Graduate, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, Turkey 1977 - 1982

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Tectonostratigraphy and neotectonic characteristics of the southern margin of Merzifon-Suluova basin (central pontides, Amasya), Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 1993

Post Graduate, tectonostratigraphic characteristics of the Kelkit valley subzone of the North Anatolian Fault Zone, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 1985

Research Areas

Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2013 - Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 2001 - 2013

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 1997 - 2001

Lecturer, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 1993 - 1997

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Geological Engineering, 1983 - 1993

Advising Theses

ROJAY F. B. , Post-paleogene stress distribution in the Bartın-Ulus-Safranbolu basins, western pontides, Turkey, Post Graduate, E.BENGÜ(Student), 2017

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

- **Early Miocene insectivores of Gokler (Kazan Basin, Central Anatolia, Turkey)**
Ostende L. W. v. d. H. , Joniak P., Rojay B., Aten C., Bilgin M., Pelaez-Campomanes P.
PALAEOBIODIVERSITY AND PALAEOENVIRONMENTS, vol.99, pp.701-722, 2019 (Journal Indexed in SCI)
- **Early Miocene rodents of Gokler (Kazan Basin, Central Anatolia, Turkey)**
Joniak P., Pelaez-Campomanes P., Ostende L. W. v. d. H. , Rojay B.
HISTORICAL BIOLOGY, vol.31, pp.982-1007, 2019 (Journal Indexed in SCI)
- **A new early Pliocene locality Tepe Alagoz (Turkey) reveals a distinctive tooth phenotype of Trischizolagus (Lagomorpha, Leporidae) in Asia Minor**
Cermak S., Joniak P., Rojay B.
PALAEOONTOLOGIA ELECTRONICA, vol.22, 2019 (Journal Indexed in SCI)
- **Noble gases and rock geochemistry of alkaline intraplate volcanics from the Amik and Ceyhan-Osmaniye areas, SE Turkey**
Italiano F., YÜCE G., Di Bella M., Rojay B., Sabatino G., Tripodo A., Martelli M., Rizzo A. L. , Misseri M.
CHEMICAL GEOLOGY, vol.469, pp.34-46, 2017 (Journal Indexed in SCI)
- **Origin and interactions of fluids circulating over the Amik Basin (Hatay, Turkey) and relationships with the hydrologic, geologic and tectonic settings**
YÜCE G., Italiano F., D'Alessandro W., Yalcin T. H. , YASIN D., Gulbay A. H. , ÖZYURT N. N. , Rojay B., KARABACAK V., Bellomo S., et al.
CHEMICAL GEOLOGY, vol.388, pp.23-39, 2014 (Journal Indexed in SCI)
- **Tectonic evolution of the Cretaceous Ankara Ophiolitic Melange during the Late Cretaceous to pre-Miocene interval in Central Anatolia, Turkey**
ROJAY F. B.
JOURNAL OF GEODYNAMICS, vol.65, pp.66-81, 2013 (Journal Indexed in SCI)
- **THE IMPACT OF TOPOGRAPHY ON ISOTOPES IN PRECIPITATION ACROSS THE CENTRAL ANATOLIAN PLATEAU (TURKEY)**
Schemmel F., Mikes T., ROJAY F. B. , Mulch A.
AMERICAN JOURNAL OF SCIENCE, vol.313, pp.61-80, 2013 (Journal Indexed in SCI)
- **Plio-Quaternary extensional tectonics of the Central Anatolian Plateau: a case study from the Tuz Golu Basin, Turkey**
ÖZSAYIN E., Ciner T. A. , ROJAY F. B. , DİRİK R. K. , Melnick D., Fernandez-Blanco D., Bertotti G., Schildgen T. F. , Garcin Y., Strecker M. R. , et al.
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, pp.691-714, 2013 (Journal Indexed in SCI)
- **Stable isotope-based reconstruction of Oligo-Miocene paleoenvironment and paleohydrology of Central Anatolian lake basins (Turkey)**
Luedecke T., Mikes T., ROJAY F. B. , Cosca M. A. , Mulch A.
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, pp.793-819, 2013 (Journal Indexed in SCI)
- **Paleomagnetic rotations in the Late Miocene sequence from the Cankiri Basin (Central Anatolia, Turkey): the role of strike-slip tectonics**
Lucifora S., Cifelli F., ROJAY F. B. , Mattei M.
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, pp.778-792, 2013 (Journal Indexed in SCI)
- **Palaeoenvironmental and chronological constraints on the Tuglu Formation (Cankiri Basin, Central Anatolia, Turkey)**
Mazzini I., Hudackova N., Joniak P., Kovacova M., Mikes T., Mulch A., ROJAY F. B. , Lucifora S., Esu D., Soulie-Maersche I.
TURKISH JOURNAL OF EARTH SCIENCES, vol.22, pp.747-777, 2013 (Journal Indexed in SCI)
- **An Active Composite Pull-apart Basin Within the Central Part of the North Anatolian Fault System: the Merzifon-Suluova Basin, Turkey**
ROJAY F. B. , Kocyigit A.
TURKISH JOURNAL OF EARTH SCIENCES, vol.21, pp.473-496, 2012 (Journal Indexed in SCI)
- **Surface expression of eastern Mediterranean slab dynamics: Neogene topographic and structural evolution of the southwest margin of the Central Anatolian Plateau, Turkey**
Schildgen T. F. , Cosentino D., Caruso A., Buchwaldt R., Yildirim C., Bowring S. A. , Rojay B., Echtler H., Strecker

M. R.

TECTONICS, vol.31, 2012 (Journal Indexed in SCI)

- **Structure and geochemistry of an Alaskan-type ultramafic-mafic complex in the Eastern Pontides, NE Turkey**
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GONDWANA RESEARCH, vol.18, pp.230-252, 2010 (Journal Indexed in SCI)
- **Post-Miocene Deformation in the South of the Galatean Volcanic Province, NW of Central Anatolia (Turkey)**
ROJAY F. B. , Karaca A.
TURKISH JOURNAL OF EARTH SCIENCES, vol.17, pp.653-672, 2008 (Journal Indexed in SCI)
- **Geodynamic significance of the Cretaceous pillow basalts from North Anatolian Ophiolitic Mélange Belt Central Anatolia Turkey geochemical and paleontological constraints**
ROJAY F. B. , ALTINER D., ALTINER S., ÖNEN P., JAMES S., THIRWALL M.
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Articles Published in Other Journals

- **Tectonostratigraphic Evolution Of An Arc Trench Basin On Accretionary Ophiolitic Melange Prism Central Anatolia Turkey**
ROJAY F. B. , SÜZEN M. L.
The Bulletin of Turkish Association of Petroleum Geologists, vol.9, pp.1-12, 1997 (Other Refereed National Journals)
- **Engineering geological evaluation of the Of Solaklı Hydropower Development Project NE Turkey**
DOYURAN V., TOPRAK V., TOPAL T., KOÇYİĞİT A., ROJAY F. B. , BOZKURT E.
Bulletin of International Association of Engineering Geology, vol.47, pp.97-107, 1993 (Refereed Journals of Other Institutions)
- **Examples from the forearc basin remnants at the active margin of northern Neo Tethys Development and emplacement ages of the Anatolian Nappe Turkey**
KOÇYİĞİT A., ALTINER S., ROJAY F. B.
METU Journal of Pure and Applied Sciences, vol.21, pp.183-210, 1988 (Other Refereed National Journals)

Book & Book Chapters

- **İnegöl Bilecik Bozüyük arasında kalan alanın jeolojik etüdü**
koçyigit a., KAYMAKÇIN., ROJAY F. B. , DİRİK R. K. , ÖZCAN E.
TPAO Arşivi, 1991

Refereed Congress / Symposium Publications in Proceedings

- **Mantle to Surface dynamics across subduction-collision transtions in space and time: results from the CD-CAT project in Anatolia**
ROJAY F. B. , KAYMAKÇIN., ÖZACAR A. A.
AGU 2017, 10 - 15 December 2017
- **Oblique Deformation in Central Turkey: Fault Interaction and River Incision at the Intersection of the Tuz Gölü and Central Anatolian Fault Zones**
Schoenbohm L., Tokay B., Krystopowicz N., Higgins M., Rojay F. B. , Brocard G.
AGU 2014, San-Francisco, Costa Rica, 15 - 19 December 2014
- **Active Shoreline Changes of Büyük Menderes River Delta in Last 50 Years**
ROJAY F. B. , SÜZEN M. L.
Proceedings of the 7th Int. Conference on the Mediterranean Coastal Environment, Medcoast 05, 25 - 29 October 2005, pp.1309-1316

- **Engineering geological Investigation of the Demirtaş Settlement Area Bursa Turkey**

DOYURAN v., KARAHANOĞLU N., BOZKURT E., TOPAL T., ROJAY F. B. , ARCASOYA., SÜZEN M. L.

Engineering Geology for Developing Countries - Proceedings of 9th Congress of IAEG, 16 - 20 September 2002,
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Citations

Total Citations (WOS):366

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