

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

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

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

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

Postgraduate, 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

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

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 miocene tectonic of çeltikçi graben, southern margin of galatian volcanic province, Central Anatolia, Postgraduate, U.Berberoğlu(Student), 2019
- ROJAY F. B. , Morphotectonic analysis and kinematic evolution of the Central Gediz Alaşehir graben, Western Anatolia, Turkey, Postgraduate, T.Dönmezoğulları(Student), 2019
- ROJAY F. B. , Post-paleogene stress distribution in the Bartın-Ulus-Safranbolu basins, western pontides, Turkey, Postgraduate, E.BENGÜ(Student), 2017
- ROJAY F. B. , Post-paleocene deformation in Kalecik region, East of Ankara, Turkey, Postgraduate, P.Kasımoğlu(Student), 2010
- ROJAY F. B. , Post-paleogene deformation in northernmost tip of Tuzgolu fault zone (Pasadag, South of Ankara), Turkey, Postgraduate, G.Dilara(Student), 2009
- ROJAY F. B. , Post-miocene tectonic evolution of Alidağ anticline, Adiyaman, Turkey, Postgraduate, E.Seyrek(Student), 2008
- ROJAY F. B. , Post miocene deformation of the area between Alibey (Kızılcahamam) and Karalar (Kazan) villages, nw Ankara (Turkey), Postgraduate, A.Karaca(Student), 2004

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

- I. **Age and mantle sources of Quaternary basalts associated with "leaky" transform faults of the migrating Anatolia-Arabia-Africa triple junction**
Cosca M. A. , Reid M., Delphi J. R. , KUŞCU G., Blichert-Toft J., Premo W., Whitney D. L. , Teyssier C., ROJAY F. B. GEOSPHERE, vol.17, no.1, pp.69-94, 2021 (Journal Indexed in SCI)
- II. **Age and Chemistry of Miocene Volcanic Rocks from the Kiraz Basin of the Kucuk Menderes Graben: Its Significance for the Extensional Tectonics of Southwestern Anatolia, Turkey'**
BOZKURT E., Winchester J. A. , Ruffet G., Rojay B. GEODINAMICA ACTA, vol.21, pp.239-257, 2008 (Journal Indexed in SCI)
- III. **High-altitude Plio-Quaternary fluvial deposits and their implication on the tilt of a horst, western Anatolia, Turkey**
Suzen M. L. , TOPRAK V., Rojay B. GEOMORPHOLOGY, vol.74, pp.80-99, 2006 (Journal Indexed in SCI)
- IV. **Plio-quaternary evolution of the Kucuk Menderes Graben southwestern Anatolia, Turkey**
Rojay B., TOPRAK V., Demirci C., Suzen L. GEODINAMICA ACTA, vol.18, pp.317-331, 2005 (Journal Indexed in SCI)
- V. **Episodic, two-stage Neogene extension and short-term intervening compression in Western Turkey: field evidence from the Kiraz Basin and Bozdag Horst**
Bozkurt E., Rojay B. GEODINAMICA ACTA, vol.18, pp.299-316, 2005 (Journal Indexed in SCI)
- VI. **Geodynamic significance of the Cretaceous pillow basalts from North Anatolian Ophiolitic Melange Belt (Central Anatolia, Turkey): geochemical and paleontological constraints**
Rojay B., Altiner D., Altiner S., Onen A., James S., Thirlwall M. GEODINAMICA ACTA, vol.17, no.5, pp.349-361, 2004 (Journal Indexed in SCI)
- VII. **The June 6 2000 Orta Çankırı Turkey Earthquake Sourced from a New Antithetic Sinistral Strike slip Structure of the North Anatolian Fault System the Dodurga Fault Zone**
Koçyiğit A., ROJAY F. B. , Cihan M., ÖZACAR A. A. Turkish Journal of Earth Sciences, vol.10, no.2, pp.69-82, 2001 (Journal Indexed in SCI Expanded)
- VIII. **Neotectonic and volcanic characteristics of the Karasu fault zone (Anatolia, Turkey): The transition zone between the Dead Sea transform and the East Anatolian fault zone**
Rojay B., Heimann A., Toprak V. GEODINAMICA ACTA, vol.14, pp.197-212, 2001 (Journal Indexed in SCI)
- IX. **Middle Jurassic Lower Cretaceous biostratigraphy in the Central Pontides (Turkey): Remarks on paleogeography and tectonic evolution**

Articles Published in Other Journals

- I. **Tectonic setting of some Paleozoic metamorphics in northern Anatolia**
ROJAY F. B.
H.Ü. yerbilimleri, vol.19, pp.109-118, 1997 (Other Refereed National Journals)
- II. **Post Triassic evolution of Central Pontides Evidence from Amasya region Northern Anatolia Turkey**
ROJAY F. B. , Altiner D.
Geologica Romana, vol.31, pp.329-350, 1995 (Refereed Journals of Other Institutions)
- III. **Joint type and joint density analysis in the flysch sequence around Kırıkkale**
ROJAY F. B.
Türkiye Petrol Jeologları Derneği Bülteni, vol.6, no.1, pp.39-50, 1995 (Other Refereed National Journals)
- IV. **Of Solaklı aqueduct tunnel system A case study from the Eastern Black Sea area NE Turkey**
Vedat D., Toprak V., TOPAL T., Koçyiğit A., ROJAY F. B. , BOZKURT E.
Proceedings of the International Symposium on the Geology of the Black Sea Region, pp.319-327, 1995 (Refereed Journals of Other Institutions)
- V. **Examples from forearc basin remnants at the active margin of northern Neo Tethys Development and emplacement ages of the Anatolian Nappe Turkey**
ROJAY F. B. , ALTINER S.
METU Journal Pure and Applied Science, vol.21, pp.183-210, 1988 (Other Refereed National Journals)

Books & Book Chapters

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

Refereed Congress / Symposium Publications in Proceedings

- I. **Mantle to Surface dynamics across subduction-collision transtions in space and time: results from the CD-CAT project in Anatolia**
ROJAY F. B. , KAYMAKCI N., ÖZACAR A. A.
AGU 2017, 10 - 15 December 2017
- II. **New radiometric datings for Early Miocene mammal localities in Anatolia**
ROJAY F. B.
18. paleontoloji-stratigrafi çalıştayı, 28 September - 01 October 2017
- III. **Post-Paleogene (post-Middle Eocene-pre-Miocene) geodynamic evolution of the Upper Cretaceous-Paleogene Basins in Central Anatolia, Turkey.**
ROJAY F. B.
EGU Assembly 2017, 22 - 27 April 2017
- IV. **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
- V. **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

VI. Engineering geological Investigation of the Demirtaş Settlement Area Bursa Turkey

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

Engineering Geology for Developing Countries - Proceedings of 9th Congress of IAEG, 16 - 20 September 2002, pp.432-438

Citations

Total Citations (WOS):686

h-index (WOS):14