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Personal Information

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Education Information

Doctorate, Colorado School of Mines, School Of Engineering, Department Of Geology And Geological Engineering / Economic Geology, United States Of America 1997 - 2001
Postgraduate, Colorado School of Mines, School Of Engineering, Department Of Geology And Geological Engineering / Economic Geology, United States Of America 1995 - 1997
Undergraduate, Karadeniz Technical University, Mühendislik Mimarlık Fakültesi, Jeoloji Mühendisliği, Turkey 1989 - 1993

Research Areas

Geological Engineering, Ore Deposits-Geochemistry, Engineering and Technology

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Jeoloji Mühendisliği, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **A prospective sector in the Tethyan Metallogenic Belt: Geology and geochronology of mineral deposits in the Biga Peninsula, NW Turkey**
Yigit O.
ORE GEOLOGY REVIEWS, vol.46, pp.118-148, 2012 (SCI-Expanded)

II. **Discovered and undiscovered gold endowment of Turkey: a quantitative mineral resource assessment using GIS and rank statistical analysis**
Yigit O.
MINERALIUM DEPOSITA, vol.47, no.5, pp.521-534, 2012 (SCI-Expanded)

III. **Mineral Deposits of Turkey in Relation to Tethyan Metallogeny: Implications for Future Mineral Exploration**
Yigit O.
ECONOMIC GEOLOGY, vol.104, no.1, pp.19-51, 2009 (SCI-Expanded)

IV. **"Gold in Turkey - A missing link in Tethyan metallogeny" [Ore Geology Reviews 28, 147-179] - Reply**
Yigit O.
ORE GEOLOGY REVIEWS, vol.30, no.2, pp.141-142, 2007 (SCI-Expanded)

V. **Geology and geochemistry of jasperoids from the Gold Bar district, Nevada**
Yigit O., HOFSTRA A. H., HITZMAN M. W., NELSON E. P.
MINERALIUM DEPOSITA, vol.41, no.6, pp.527-547, 2006 (SCI-Expanded)

VI. **Gold in Turkey - a missing link in Tethyan metallogeny**

Yigit O.
ORE GEOLOGY REVIEWS, vol.28, no.2, pp.147-179, 2006 (SCI-Expanded)

VII. **Structural controls on Carlin-type gold mineralization in the Gold Bar district, Eureka county, Nevada**
Yigit O., NELSON E., HITZMAN M., HOFSTRA A.
ECONOMIC GEOLOGY AND THE BULLETIN OF THE SOCIETY OF ECONOMIC GEOLOGISTS, vol.98, no.6, pp.1173-1188, 2003 (SCI-Expanded)

VIII. **Lithogeochemistry of Carlin-type gold mineralization in the Gold Bar district, Battle Mountain-Eureka trend, Nevada**
Yigit O., HOFSTRA A.
ORE GEOLOGY REVIEWS, vol.22, pp.201-224, 2003 (SCI-Expanded)

IX. **Early Tertiary epithermal gold mineralization, Bahcecik prospect, northeastern Turkey**
Yigit O., NELSON E., HITZMAN M.
MINERALIUM DEPOSITA, vol.35, no.7, pp.689-696, 2000 (SCI-Expanded)

Articles Published in Other Journals

I. **Gold Metallogeny of Turkey – A Quantitative Assessment**
YİĞİT Ö.
Mining Turkey, vol.5, no.9, pp.44-47, 2015 (Peer-Reviewed Journal)

II. **Industrial Minerals and Rocks of Turkey – Production Assessment and Implications**
YİĞİT Ö.
Mining Turkey, vol.4, no.8, pp.24-28, 2015 (Peer-Reviewed Journal)

III. **Appraisal of Industrial Minerals in Turkey**
YİĞİT Ö.
Industrial Minerals, pp.60-63, 2014 (Peer-Reviewed Journal)

IV. **A Decade of Modern Gold Exploration in the Ancient Land of Turkey**
YİĞİT Ö.
Mining Turkey, vol.3, no.6, pp.28-31, 2014 (Peer-Reviewed Journal)

V. **Untapped gold lures more explorers**
YİĞİT Ö.
Mining Journal, no.1, pp.3-5, 2011 (Peer-Reviewed Journal)

VI. **Mineral Exploration: What, Where and Why in Turkey**
YİĞİT Ö.
Mining Turkey, no.1, pp.12-19, 2011 (Peer-Reviewed Journal)

VII. **Bright prospects for gold explorers**
YİĞİT Ö.
Mining Journal, no.1, pp.3-7, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Geochronology of Magmatism and Metallogeny of Turkey: Endowed Terranes in the Tethyan Metallogenic Belt**
YİĞİT Ö.
8th Geochemistry Symposium, 02-06 May 2018, Manavgat, Antalya, Turkey, 2 - 06 May 2018

II. **Rank statistical analysis of gold endowment in terranes of differing exploration maturity: Selected examples from Turkey and Southern Africa**
Hunt J. P. P. M., YİĞİT Ö.
Tethyan Tectonics and Metallogeny, İzmir, Turkey, 25 - 28 September 2016

III. **Effective use of whole-rock lithogeochemistry in mineral exploration: examples from Biga Peninsula, northwestern Turkey**
YİĞİT Ö.
7th Geochemistry Symposium, Antalya, Turkey, 16 - 18 May 2016, vol.1, pp.78-79

IV. **Gold Metallogeny of Turkey – Quantitative Assessment and Exploration Considerations**
YİĞİT Ö.
MTA 80. Yıl Sempozyumu, Ankara, Turkey, 1 - 03 December 2015, vol.1, pp.49-50

V. **Broken Terranes and Concentrated Ore Deposits - Tethyan Metallogeny of Turkey**
YİĞİT Ö.
MTA 80. Yıl Sempozyumu, Ankara, Turkey, 1 - 03 December 2015, vol.1, pp.35-36

VI. **Is Water-Rock Interaction a Credible Path to Determine Earthquake Related Signals Based on Thermodynamic Constraints? Target Terrains in Biga Peninsula, NW Turkey**
Çetiner Z., YİĞİT Ö., Filiz N., Bakırcı M., Bodur H.
5th International Earthquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015, vol.1, pp.296-297

VII. **IS WATER-ROCK INTERACTION A CREDIBLE PATH TO DETERMINE EARTHQUAKE RELATED SIGNALS BASED ON THERMODYNAMIC CONSTRAINTS? TARGET TERRAINS IN BİGA PENINSULA, NW TURKEY**
ÇETİNER S. Z., Yiğit Ö., Filiz N., Bakırcı M., Bodur H.
5th International Eartquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015, pp.9

VIII. **Heat Flow and Gold Mineralization in The Tethyan Metallogenic Belt: Exploration Hot Spots in Turkey**
YİĞİT Ö.
The 8th International Symposium on Eastern Mediterranean Geology, ISEMG2014, Muğla, Turkey, 13 - 17 October 2014, vol.1, pp.112

IX. **Discovered and undiscovered gold endowment of Turkey: a quantitative mineral resource assessment and mineral prospectivity analysis using GIS and Zipf's Law**
YİĞİT Ö.
International Earth Science Colloquium on the Aegean Region, IESCA2012, İzmir, Turkey, 1 - 05 October 2012, vol.1, pp.133

X. **Spatial and temporal relationships of mineral deposits in the Tethyan Metallogenic Belt, Biga Peninsula, NW Turkey: implications for exploration**
YİĞİT Ö.
International Earth Science Colloquium on the Aegean Region, IESCA2012, İzmir, Turkey, 1 - 05 October 2012, vol.1, pp.135

XI. **Recent Discoveries and Exploration Trends in Turkey**
Yigit O.
9th Biennial Meeting of the Society for Geology Applied to Mineral Deposits, Dublin, Ireland, 20 - 23 August 2007, pp.109-112

XII. **Paleozoic structural controls on Tertiary gold mineralization in the Gold Canyon deposit, Eureka County, Nevada**
YİĞİT Ö., Nelson E. P.
Geology and Ore Deposits 2000: The Great Basin and Beyond: Geological Society of Nevada, Nevada, United States Of America, 15 - 18 May 2000, vol.1, pp.563-566

XIII. **Geologic and Petrographic Investigation of the Dereli Barite Deposit, Giresun, Turkey**
Aslaner M., YİĞİT Ö.
30th Year Symposium of the Department of Geological Engineering, Black Sea Technical University, Trabzon, Turkey, 16 - 20 October 1996, vol.1, pp.140-154

Activities in Scientific Journals

Turkish Journal of Earth Science, Committee Member, 2013 - Continues

Memberships / Tasks in Scientific Organizations

Sigma Xi The Scientific Research Society, Member, 2001 - Continues
SGA Society for Geology Applied to Mineral Deposits, Member, 2000 - Continues
SEG Society of Economic Geologists (Fellow), Member, 1998 - Continues
JMO Jeoloji Mühendisleri Odası, Member, 1993 - Continues

Metrics

Publication: 29
Citation (WoS): 380
Citation (Scopus): 343
H-Index (WoS): 8
H-Index (Scopus): 7