

Asst. Prof. MİKAIL BAŞYİĞİT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAP-1724-2021

ScopusID: 55791764700

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Education Information

Undergraduate, Istanbul University, Open And Distance Education Faculty, Occupational Health and Safety, Turkey 2020 - Continues

Associate Degree, Ataturk University, Açıköğretim Fakültesi, Dış Ticaret, Turkey 2019 - 2021

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Maden Mühendisliği Bölümü, Turkey 2014 - 2021

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2006 - 2020

Doctorate, Akita University, The Faculty of International Resource Sciences, Department of Resource Policy and Management, Japan 2015 - 2017

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği A.B.D., Turkey 2010 - 2012

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Maden Mühendisliği Bölümü, Turkey 2003 - 2009

Foreign Languages

Japanese, B1 Intermediate

Dissertations

Doctorate, TURKISH MINERAL EXPORT ECONOMY AND MARKET STRUCTURE: COMPARISON WITH MINT COUNTRIES, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Mining Engineering, 2021

Postgraduate, Su jeti ile kayaçların yüzey işleminde optimum çalışma koşullarının belirlenmesi, Hacettepe University, Fen Bilimleri Enstitüsü, Maden Mühendisliği A.B.D., 2012

Research Areas

Statistics, Import-Export, Mineral Economics, Metallurgical and Materials Engineering, Production Metallurgy

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2022 - Continues

Research Assistant, Istanbul Technical University, Maden, Maden Mühendisliği, 2010 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Economic potential and environmental impact of metal recovery from copper slag flotation tailings**
Gümüşsoy A., BAŞYIĞIT M., UZUN KART E.
Resources Policy, vol.80, 2023 (SSCI)
- II. **The relationship between coal surface chromaticity and coal quality parameters: a preliminary investigation**
Basyigit M., Ozer S. C., Fişne A.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, vol.42, no.10, pp.3016-3031, 2022 (SCI-Expanded)
- III. **Contribution and/or dependency: Chinese hegemony on Turkey's mineral export**
Basyigit M.
RESOURCES POLICY, vol.74, 2021 (SSCI)
- IV. **Can Google Trends improve the marble demand model: A case study of USA's marble demand from Turkey**
Basyigit M.
RESOURCES POLICY, vol.72, 2021 (SSCI)

Articles Published in Other Journals

- I. **Analysis of Turkey's Base Metal Ore Exports by Herfindahl Hirschman Concentration Index**
Uzun Kart E., Başıyigit M.
Gazi Mühendislik Bilimleri Dergisi, vol.8, no.2, pp.237-246, 2022 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Investigation of roasting behavior and mineralogical transformation of titanomagnetite concentrate at different temperatures**
Uzun Kart E., Yıldız İ. E., Yazgan Z. H., Başıyigit M., Buhur A.
21st International Metallurgy and Materials Congress, İstanbul, Turkey, 6 - 08 October 2022, pp.451-454
- II. **Determining optimum roasting conditions of hematite magnetization with temperature-coke mixture copula**
Uzun Kart E., Başıyigit M., Yazgan Z. H., Buhur A.
21st International Metallurgy and Materials Congress, İstanbul, Turkey, 6 - 08 October 2022, pp.231-234
- III. **Determining the Effect of Texture Coefficient on Performance of Diamond Wire Machines**
TUMAÇ D., ER S., AVUNDUK E., BAŞYIĞIT M., ÇOPUR H., BALCI C.
9th Asian Rock Mechanics Symposium-ARMS9, Balvi, Latvia, 18 - 20 October 2016
- IV. **Estimation of Blast Induced Vibrations by Different Prediction Equations**
HÜDAVERDİ T., AKYILDIZ Ö., BAŞYIĞIT M.
International Black Sea Mining & Tunnelling Symposium /, Trabzon, Turkey, 2 - 04 October 2016, pp.192-199
- V. **An assessment on energy absorption capacity of fiber reinforced shotcrete slabs**
Tunçdemir H., Başıyigit M.
EUROCK 2016, Nevşehir, Turkey, 29 - 31 August 2016, pp.751-756
- VI. **A geostatistical mapping of Schmidt Hammer rebound values of carbonate rocks**
Başıyigit M., Tunçdemir H.
EUROCK 2016, Nevşehir, Turkey, 29 - 31 August 2016, pp.349-352
- VII. **Physico mechanical property tests towards performance prediction of chain saw machines**
TUMAÇ D., AVUNDUK E., BAŞYIĞIT M., ÇOPUR H., BALCI C., ER S.
The 5th Thailand Symposium on Rock Mechanics, Bangkok, Thailand, 22 - 23 January 2015, pp.381-387

- VIII. **The effect of mechanical properties on performance of diamond wire machines**
TUMAÇ D., AVUNDUK E., BAŞYIĞİT M., ÇOPUR H., BALCI C., ER S.
The 5th Thailand Symposium on Rock Mechanics, Bangkok, Thailand, 22 - 23 January 2015, pp.389-395
- IX. **An application of epoxy and polyurethane on various marbles to enhance cuttability**
Başyığıt M., Tunçdemir H.
EURO 2014, Vigo, Spain, 26 - 28 May 2014, pp.637-642

Peer Reviews in Scientific Publications

RESOURCES POLICY, Journal Indexed in SSCI, August 2023
RESOURCES POLICY, Journal Indexed in SSCI, July 2023
RESOURCES POLICY, Journal Indexed in SSCI, May 2023
RESOURCES POLICY, Journal Indexed in SSCI, March 2023
ECONOMIC ANALYSIS AND POLICY, Journal Indexed in SSCI, February 2023
RESOURCES POLICY, Journal Indexed in SSCI, February 2023
RESOURCES POLICY, Journal Indexed in SSCI, December 2022
RESOURCES POLICY, Journal Indexed in SSCI, November 2022
RESOURCES POLICY, Journal Indexed in SSCI, May 2022
RESOURCES POLICY, Journal Indexed in SSCI, April 2022
RESOURCES POLICY, Journal Indexed in SSCI, February 2022
RESOURCES POLICY, Journal Indexed in SSCI, October 2021
RESOURCES POLICY, Journal Indexed in SSCI, June 2021

Metrics

Publication: 14
Citation (WoS): 3
Citation (Scopus): 43
H-Index (WoS): 1
H-Index (Scopus): 3