

Saqib Ahmed Saki

Regular Visiting Faculty

Military College of Engineering

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About

Dr. Saqib Ahmed Saki is working as Regular Visiting Faculty in the Military College of Engineering. Dr. Saqib Ahmed Saki has a PhD in Mining & Earth Systems Engg. Dr. Saqib Ahmed Saki has published 19 research articles & conference papers having a citation count of 121, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mining & Earth Systems Engg Colorado School of Mines , United States	2012 - 2016
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Experience

Regular Visiting Faculty Military College of Engineering	2022- Present
Regular Visiting Faculty Military College of Engineering	2021 - 2022

Research Articles

Investigation and analysis of fatal accidents reporting practices in the Punjab province of Pakistan and remedial measures <i>Atta Ur Rehman Muhammad Zaka Emad Muhammad Usman Khan Muhammad Ahsan Saleem Saqib Ahmed Saki</i> <i>Resources Policy</i> , Volume 73, Article Number 102186 Impact Factor: 5.634 Quartile: 1 Citations: 4 DOI: https://doi.org/10.1016/j.resourpol.2021.102186	2021
Stressors, Stress and Impulsive Buying Behavior: Moderating Role of Emotional Intelligence <i>Haider Ali Shams Sajjad Hussain Tariq Feroze Saqib Ahmed Saki Mohsin Ali Shams Kamran Abbasi Saqib Munir</i> <i>International Journal of Business and Economic Affairs</i> , Vol:06, No:03 Impact Factor: N/A DOI: 10.24088/IJBEA-2021-63005	2021
Optimum Design of Half Tunnels for Transportation in the Himalayas <i>Muhammad Zaka Emad Muhammad Usman Khan Muhammad Azeem Raza Saqib Ahmad Saki Muhammad Aijaz Muhammad Usman Tahir</i> <i>Transportation Infrastructure Geotechnology</i> , Pages 1-16 Impact Factor: N/A Citations: 2 DOI: https://doi.org/10.1007/s40515-021-00162-x	2021
Optimization of gob ventilation boreholes design in longwall mining <i>Saqib Ahmad Saki Jürgen F. Brune Muhammad Usman Khan</i> <i>International Journal of Mining Science and Technology</i> , Volume 30, Issue 6, Pages 811-817 Impact Factor: 4.084 Quartile: 1 Citations: 16 DOI: https://doi.org/10.1016/j.ijmst.2020.08.005	2020
Real-time diesel particulate matter monitoring in underground mines: evolution and applications <i>Muhammad Usman Khan Kelly O. Homan Saqib Ahmad Saki Muhammad Zaka Emad Muhammad Azeem Raza</i> <i>International Journal of Mining, Reclamation and Environment</i> , Volume 35, No. 4, Pages 291-305 Impact Factor: 2.956 Quartile: 2 Citations: 6 DOI: https://doi.org/10.1080/17480930.2020.1818937	2020
Forecasting the Structure of Energy Production from Renewable Energy Sources and Biofuels in Poland <i>Jarosław Brodny Magdalena Tutak Saqib Ahmad Saki</i>	2020

DOI: <https://www.mdpi.com/1996-1073/13/10/2539>

Prevention of gob ignitions and explosions in longwall mining using dynamic seals

Jürgen F. Brune Saqib Ahmed Saki

International Journal of Mining Science and Technology, Volume 27, Issue 6, Pages 999-1003

Impact Factor: N/A | Citations: 42

DOI: <https://doi.org/10.1016/j.ijmst.2017.06.026>

2017

Computational fluid dynamics simulation on the longwall gob breathing

Samuel A. Lolon Jürgen F. Brune G.E. Bogin Jr J.W. Grubb Saqib Ahmed Saki

International Journal of Mining Science and Technology, Volume 27, Issue 2, Pages 185-189

Impact Factor: N/A | Citations: 27

DOI: <https://doi.org/10.1016/j.ijmst.2017.01.025>

2017

CFD study of the effect of face ventilation on CH₄ in returns and explosive gas zones in progressively sealed longwall gobs

Saqib Ahmed Saki Jürgen F. Brune G.E. Bogin Jr J.W. Grubb M.Z. Emad R.C. Gilmore

Journal of Southern African Institute of Mining and Metallurgy, Volume 117, No.3, Pages 1-6

Impact Factor: 0.339 | Quartile: 4 | Citations: 12

DOI: <http://dx.doi.org/10.17159/2411-9717/2017/v117n3a7>

2017

Lessons learned from research about methane explosive gas zones in coal mine gobs

Jürgen F. Brune J.W. Grubb G.E. Bogin Jr Jonathan A. Marts Saqib Ahmed Saki

International Journal of Mining and Mineral Engineering, Volume 7, No.2, Pages 155-169

Impact Factor: N/A | Citations: 12

DOI: 10.1504/IJMME.2016.076498

2016

Simplifying CFD modeling of longwall gobs with a modular meshing approach

R.C. Gilmore Jonathan A. Marts Jürgen F. Brune Saqib Ahmed Saki G.E. Bogin Jr J.W. Grubb

Mining, Metallurgy & Exploration, Volume 67, No. 3, Pages 68-72

Impact Factor: N/A

DOI: 0000000000000000000000000000000000

2015

Dynamic gob response and reservoir properties for active longwall coal mines

Jonathan A. Marts R.C. Gilmore Jürgen F. Brune G.E. Bogin Jr Saqib Ahmed Saki J.W. Grubb

Mining, Metallurgy & Exploration, Volume 66, No.12, Pages 59-66

Impact Factor: N/A

DOI: 0000000000000000000000000000000000

2014

Conference Proceedings

- Bart Silicon Valley Phase II – integrated cost & schedule life-cycle comparative risk analysis of single-bore versus twin-bore tunneling** 2019
K. Davey A. Moergeli J.J. Brady Saqib Ahmad Saki Robert Goodfellow
45th General Assembly of the International Tunnelling and Underground Space Association, res.country(109,)
Citations: N/A
DOI: ISBN: 978-1-138-38865-9
- Bart Silicon Valley (BSV) Phase II, Tunneling Methodology – Comparative Analysis Independent Risk Assessment** 2018
Saqib Ahmad Saki J.J. Brady Robert Goodfellow Angel Del Amo Alfred Moergeli Krishna Davey
North American Tunneling Conference, NAT 2018, res.country(233,)
Citations: N/A
DOI: ISBN-13: 978-0873354660
- DYNAMIC SEALS: A WAY TO PREVENT LONGWALL GOB EXPLOSIONS** 2017
Jürgen F. Brune Saqib Ahmad Saki
SME Annual Conference and Expo 2017: Creating Value in a Cyclical Environment, res.country(233,)
Citations: N/A
DOI: ISBN: 9781510836471
- OPTIMIZATION OF GOB VENTILATION BOREHOLES COMPLETION PARAMETERS** 2016
Saqib Ahmad Saki Jürgen F. Brune G.E. Bogin Jr J.W. Grubb
2016 SME Annual Conference and Expo: The Future for Mining in a Data-Driven World, res.country(233,)
Citations: N/A
DOI: 9781510825659
- Gob Ventilation Boreholes Design Optimization for Longwall Coal Mining** 2015
Saqib Ahmad Saki Jürgen F. Brune G.E. Bogin Jr R.C. Gilmore
15th North American Mine Ventilation Symposium, res.country(233,)
Citations: N/A
DOI: ISBN: 978-0 692-47348-1
- Cfd Study of Face Ventilation Effect on Tailgate Methane Concentration and Explosive Mixture of Gob in Underground Longwall Coal Mining** 2015
Saqib Ahmad Saki Jürgen F. Brune Jonathan A. Marts R.C. Gilmore J.W. Grubb
2015 SME Annual Conference & EXPO CMA 117th National Western Mining Conference, res.country(233,)
Citations: N/A
DOI: ISBN: 9781510801240

Book Chapters

- Bart Silicon Valley Phase II – integrated cost & schedule life-cycle comparative risk analysis of single-bore versus twin-bore tunneling** 2019
K. Davey A. Moergeli J.J. Brady Saqib Ahmed Saki Robert Goodfellow A. Del Amo
In: *Book on Tunnels and Underground Cities: Engineering and Innovation meet Archaeology, Architecture and Art* 1st Edition, Pages 4425-4434
Citations: N/A
DOI: <https://doi.org/10.1201/9780429424441>

Editorial Activities

Reviewed Papers for Journals Impact Factor: 3.8	2020
Reviewed Papers for Journals	2020
Reviewed Papers for Journals Impact Factor: 0.5	2020
Reviewed Papers for Journals Impact Factor: 1.13	2019
Reviewed Papers for Journals Impact Factor: 1.4	2017