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About

Dr. Izhar Mithal Jiskani is working as Assistant Professor in the NUST Balochistan Campus. Dr. Izhar Mithal Jiskani has a PhD in Mining. Dr. Izhar Mithal Jiskani has published 16 research articles & conference papers having a citation count of 478, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Mining China University of Mining Technology - Xuzhou , China	2018 - 2021
M.E in Mining Mehran University of Engineering & Technology , Pakistan	2012 - 2016
BE in Mining Mehran University of Engineering & Technology , Pakistan	2009 - 2013

Experience

Assistant Professor NUST Balochistan Campus	2023- Present
Assistant Professor NUST Balochistan Campus	2022 - 2023
Assistant Professor NUST Balochistan Campus	2021 - 2022
Mining Engineering Muadinoon Mining Co. , Muadinoon Mining Co. Head Office, Olaya, Riyadh, Kingdom of Saudi Arabia	2016 - 2016

Research Articles

Analysing delay factors in construction projects using Z-number approach: insights from Pakistan <i>Muhammad Nadeem Izhar Mithal Jiskani Muhammad Salman Urwat Salah Uddin Kamran Akhtar Nadar Hussain Khokhar</i> <i>Canadian Journal of Civil Engineering</i> , Volume: 50, Number: 12, Pages:18 Impact Factor: 1.4 Quartile: 4 Citations: 1 DOI: 10.1139/cjce-2022-0310	2023
Mining 4.0 and climate neutrality: A unified and reliable decision system for safe, intelligent, and green & climate-smart mining <i>Izhar Mithal Jiskani Wei Zhou Shahab Hosseini Zhiming Wang</i> <i>Journal of Cleaner Production</i> , Volume:410, Article Number: 137313 Impact Factor: 11.072 Quartile: 1 Citations: 41 DOI: 10.1016/j.jclepro.2023.137313	2023
Prediction of Coal Dilatancy Point Using Acoustic Emission Characteristics: Insight Experimental and Artificial Intelligence Approaches <i>Muhammad Ali Naseer Muhammad Khan Qiangqiang Gao Kewang Cao Danial Jahed Armaghani Saad.S. Alarifi Hafeezur Rehman Izhar Mithal Jiskani</i> <i>Mathematics</i> , Volume 11(6), Article Number 1305 Impact Factor: 2.592 Quartile: 1 DOI: https://qalam.nust.edu.pk/faculty/nrp/journal_paper/mgmt	2023
Intelligent based decision-making strategy to predict fire intensity in subsurface engineering environments <i>Muhammad Kamran Ridho Kresna Wattimena Danial Jahed Armaghani Panagiotis G. Asteris Izhar Mithal Jiskani Edy Tonnizam Mohamad</i> <i>Process Safety and Environmental Protection</i> , Volume 171, Pages 374-384	2023

Impact Factor: 7.926 Quartile: 1 Citations: 38 DOI: 10.1016/j.psep.2022.12.096	
Stability Analysis of Multi-Layer Highwall Mining: A Sustainable Approach for Thick-Seam Open-Pit Mines <i>Ya Tian Lixiao Tu Xiang Lu Wei Zhou Izhar Mithal Jiskani Fuming Liu Qingxiang Cai</i> <i>Sustainability</i> , Volume 15, Issue 4, Article Number 3603 Impact Factor: 3.889 Quartile: 2 Citations: 6 DOI: 10.3390/su15043603	2023
A reliability-based rock engineering system for clean blasting: risk analysis and dust emissions forecasting <i>Shahab Hosseini Rashed Poormirzaee Seyyed-Omid Gilani Izhar Mithal Jiskani</i> <i>Clean Technologies and Environmental Policy</i> , Pages 1-18 Impact Factor: 4.700 Quartile: 2 Citations: 19 DOI: 10.1007/s10098-023-02479-2	2023
An Improved Machine Learning Approach for Optimizing Dust Concentration Estimation in Open-Pit Mines <i>Boyu Luan Wei Zhou Izhar Mithal Jiskani Zhiming Wang</i> <i>International Journal of Environmental Research and Public Health</i> , Volume 20, Issue 2, Article Number 1353 Impact Factor: 4.614 Quartile: 1 Citations: 25 DOI: 10.3390/ijerph20021353	2023
Slope Stability Prediction Method Based on Intelligent Optimization and Machine Learning Algorithms <i>Yukun Yang Wei Zhou Izhar Mithal Jiskani Xiang Lu Zhiming Wang Boyu Luan</i> <i>Sustainability</i> , Volume 15(2), Article Number 1169 Impact Factor: 3.889 Quartile: 2 Citations: 40 DOI: 10.3390/su15021169	2023
Control mechanism of end-slope deformation in open pit mine based on discrete–continuous coupling method <i>Ya Tian Izhar Mithal Jiskani Xiang Lu Wei Zhou Fuming Liu Chuanwei Zhang Qingxiang Cai</i> <i>Computational Particle Mechanics</i> , Pages 1-13 Impact Factor: 3.116 Quartile: 1 Citations: 10 DOI: 10.1007/s40571-022-00543-0	2022
Stability analysis of varying height waste dump in open-pit mine under particle size gradation and reconstruction effect of waste materials <i>Ya Tian Wei Zhou Izhar Mithal Jiskani Qingxiang Cai Zhaolin Li Xiang Lu</i> <i>International Journal of Mining, Reclamation and Environment</i> , Volume 36, Issue 8, Pages 587-604 Impact Factor: 3.022 Quartile: 2 Citations: 14 DOI: 10.1080/17480930.2022.2081295	2022
Implications to secure mineral supply for clean energy technologies for developing countries: A fuzzy based risk analysis for mining projects <i>Izhar Mithal Jiskani Atta Ur Rehman Jose Maria Fernandez-Crehuet Belen Maria Moreno-Cabezali Salah Uddin</i> <i>Journal of Cleaner Production</i> , Volume 358, Article Number 132055 Impact Factor: 11.1 Quartile: 1 Citations: 52 DOI: 10.1016/j.jclepro.2022.132055	2022
Annual dust pollution characteristics and its prevention and control for environmental protection in surface mines <i>Zhiming Wang Wei Zhou Izhar Mithal Jiskani Huaiting Luo Zhongchen Ao Ebelia Manda Mvula</i> <i>Science of the Total Environment</i> , Volume 825, Article Number 153949 Impact Factor: 10.753 Quartile: 1 Citations: 75 DOI: 10.1016/j.scitotenv.2022.153949	2022
Improved Z-number based fuzzy fault tree approach to analyze health and safety risks in surface mines <i>Izhar Mithal Jiskani Fatma Yasli Shahab Hosseini Atta Ur Rehman Salah Uddin</i> <i>Resources Policy</i> , Volume 76, Article Number 102591 Impact Factor: 8.222 Quartile: 1 Citations: 47 DOI: 10.1016/j.resourpol.2022.102591	2022

Can miners' social networks affect their safety commitment? A case study of Chinese coal mining enterprises

2022

Shuai Han Hong Chen Ruyin Long Izhar Mithal Jiskani

Resources Policy , Volume 75, Article Number 102535

Impact Factor: 8.222 | **Quartile:** 1 | **Citations:** 11

DOI: 10.1016/j.resourpol.2021.102535

A hybrid decision model and case study for comprehensive evaluation of green mine construction level

2022

Jinhui Chen Izhar Mithal Jiskani Aiguo Lin Chaocheng Zhao Peixing Jing Fengjie Liu Mingyin Lu

Environment, Development and Sustainability , Pages 1-20

Impact Factor: 4.080 | **Quartile:** 2 | **Citations:** 32

DOI: 10.1007/s10668-022-02206-9

An integrated fuzzy decision support system for analyzing challenges and pathways to promote green and climate smart mining

2022

Izhar Mithal Qingxiang Cai Wei Zhou Xiang Lu Syed Ahsan Ali Shah

Expert Systems with Applications , Volume 188, Article Number 116062

Impact Factor: 6.954 | **Quartile:** 1 | **Citations:** 67

DOI: 10.1016/j.eswa.2021.116062

Editorial Activities

Edited Journal Issue / Proceeding / Book

Impact Factor: 3.390

2021