



Publications 2020

1. Ahmed W, **Muhammad K**, Siddiqui, FI. Predicting Calorific Value of Thar Lignite Deposit: A Comparison between Back-propagation Neural Networks (BPNN), Gradient Boosting Trees (GBT), and Multiple Linear Regression (MLR), Applied Artificial Intelligence. 2020; 34:14, 1124-1136, <https://doi.org/10.1080/08839514.2020.1824091>



Publications 2018

1. Khan, MAZ, Kamran M, **Muhammad, K.** Identification of the Optimal Operating Parameters of Locally Available Coal for Use in Pakistani Industries. JOURNAL OF ENGINEERING AND APPLIED SCIENCES. 2018; 37(1), 20-25. Retrieved from <https://journals.uetjournals.com/index.php/JEAS/article/view/2865>



Publications 2017

1. **Muhammad K**, Shah, A. Minimizing Backbreak at Deewan Cement Limestone Quarry using artificial Neural Network. Archives of Mining Sciences. 2017; 62(4): 795-806. <https://doi.org/10.1515/amsc-2017-0055>



Publications 2016

1. Abbas N, **Muhammad K**. Optimization of Operating and Design Parameters of Water only Cyclone using Cherat Coal in Pakistan. J Nucl Ene Sci Power Generat Technol. 2016; 5:2 <https://doi.org/10.4172/2325-9809.1000149>



Publications 2015

2. **Muhammad K**, Mohammad N, Rehman F. Modeling Shotcrete Mix Design using Artificial Neural Network. Computers and Concrete. 2015; 15(2):1-20. <https://doi.org/10.12989/CAC.2015.15.2.167>



Publications 2012

3. Usman T, **Muhammad K**. Analysis of Blasting Operation at Deewan Cement Quarry, Hattar: Principal Component Analysis. JEAS. 2012; 12(1):1-10.



Publications 2011

4. **Muhammad K**, Glass HJ. Modelling Short-Scale Variability and Uncertainty During Mineral Resource Estimation Using a Novel Fuzzy Estimation Technique. Geostandards and Geoanalytical Research. 2011; 35: 369–385. <https://doi.org/10.1111/j.1751-908X.2010.00051.x>