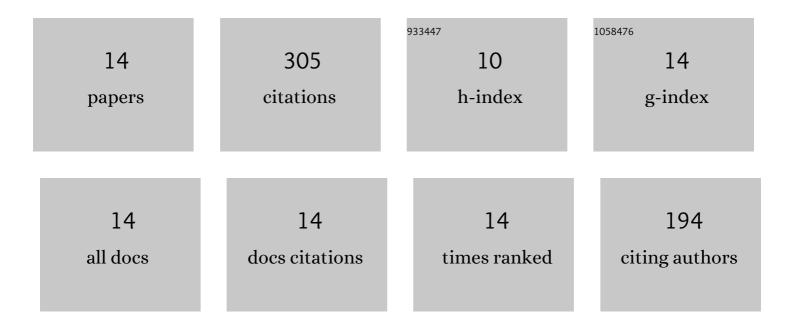
## Hafeezur Rehman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10978934/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Geological and geomechanical heterogeneity in deep hydropower tunnels: A rock burst failure case study. Tunnelling and Underground Space Technology, 2019, 84, 507-521.	6.2	60
2	Review of Rock-Mass Rating and Tunneling Quality Index Systems for Tunnel Design: Development, Refinement, Application and Limitation. Applied Sciences (Switzerland), 2018, 8, 1250.	2.5	44
3	Numerical evaluation of new Austrian tunneling method excavation sequences: A case study. International Journal of Mining Science and Technology, 2020, 30, 381-386.	10.3	33
4	Impact of Shear Zone on Rockburst in the Deep Neelum-Jehlum Hydropower Tunnel: A Numerical Modeling Approach. Energies, 2018, 11, 1935.	3.1	29
5	Extension of tunneling quality index and rock mass rating systems for tunnel support design through back calculations in highly stressed jointed rock mass: An empirical approach based on tunneling data from Himalaya. Tunnelling and Underground Space Technology, 2019, 85, 29-42.	6.2	27
6	Developing a New Bursting Liability Index Based on Energy Evolution for Coal under Different Loading Rates. Sustainability, 2022, 14, 1572.	3.2	20
7	Empirical Evaluation of Rock Mass Rating and Tunneling Quality Index System for Tunnel Support Design. Applied Sciences (Switzerland), 2018, 8, 782.	2.5	18
8	Impact of Construction Method and Ground Composition on Headrace Tunnel Stability in the Neelum–Jhelum Hydroelectric Project: A Case Study Review from Pakistan. Applied Sciences (Switzerland), 2021, 11, 1655.	2.5	18
9	Static and Dynamic Influence of the Shear Zone on Rockburst Occurrence in the Headrace Tunnel of the Neelum Jhelum Hydropower Project, Pakistan. Energies, 2019, 12, 2124.	3.1	16
10	Classification of Factors Affecting the Performance of Fully Grouted Rock Bolts with Empirical Classification Systems. Applied Sciences (Switzerland), 2019, 9, 4781.	2.5	15
11	Estimation Method for TBM Cutterhead Drive Design Based on Full-Scale Tunneling Tests for Application in Utility Tunnels. Applied Sciences (Switzerland), 2020, 10, 5187.	2.5	10
12	An Empirical Approach for Tunnel Support Design through Q and RMi Systems in Fractured Rock Mass. Applied Sciences (Switzerland), 2018, 8, 2659.	2.5	8
13	Weightage Effect during Back-Calculation of Rock-Mass Quality from the Installed Tunnel Support in Rock-Mass Rating and Tunneling Quality Index System. Applied Sciences (Switzerland), 2019, 9, 2065.	2.5	4
14	Ground Saturation Response During First Filling of Lined Pressure Tunnels: A Case Study. Rock Mechanics and Rock Engineering, 2021, 54, 513-535.	5.4	3