

Hafeezur Rehman

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

305
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Geological and geomechanical heterogeneity in deep hydropower tunnels: A rock burst failure case study. <i>Tunnelling and Underground Space Technology</i> , 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. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1250.	2.5	44
3	Numerical evaluation of new Austrian tunneling method excavation sequences: A case study. <i>International Journal of Mining Science and Technology</i> , 2020, 30, 381-386.	10.3	33
4	Impact of Shear Zone on Rockburst in the Deep Neelum-Jhelum Hydropower Tunnel: A Numerical Modeling Approach. <i>Energies</i> , 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. <i>Tunnelling and Underground Space Technology</i> , 2019, 85, 29-42.	6.2	27
6	Developing a New Bursting Liability Index Based on Energy Evolution for Coal under Different Loading Rates. <i>Sustainability</i> , 2022, 14, 1572.	3.2	20
7	Empirical Evaluation of Rock Mass Rating and Tunneling Quality Index System for Tunnel Support Design. <i>Applied Sciences (Switzerland)</i> , 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. <i>Applied Sciences (Switzerland)</i> , 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. <i>Energies</i> , 2019, 12, 2124.	3.1	16
10	Classification of Factors Affecting the Performance of Fully Grouted Rock Bolts with Empirical Classification Systems. <i>Applied Sciences (Switzerland)</i> , 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. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5187.	2.5	10
12	An Empirical Approach for Tunnel Support Design through Q and RMI Systems in Fractured Rock Mass. <i>Applied Sciences (Switzerland)</i> , 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. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2065.	2.5	4
14	Ground Saturation Response During First Filling of Lined Pressure Tunnels: A Case Study. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 513-535.	5.4	3