

Krishna Kanta Panthi

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of in-situ stress state along the shotcrete lined high-pressure headrace tunnel at a complex Himalayan geological condition. <i>Geosystem Engineering</i> , 2021, 24, 1-17.	1.4	2
2	Underground Hydropower Plants. , 2021, , 126-126.		2
3	Fluid Flow and Leakage Assessment Through an Unlined/Shotcrete Lined Pressure Tunnel: A Case from Nepal Himalaya. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 1687-1705.	5.4	5
4	Evaluation on the Effect of Pressure Transients on Rock Joints in Unlined Hydropower Tunnels Using Numerical Simulation. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 2975-2994.	5.4	6
5	Detailed engineering geological assessment of a shotcrete lined pressure tunnel in the Himalayan rock mass conditions: a case study from Nepal. <i>Bulletin of Engineering Geology and the Environment</i> , 2020, 79, 153-184.	3.5	2
6	Effect of Power Plant Operation on Pore Pressure in Jointed Rock Mass of an Unlined Hydropower Tunnel: An Experimental Study. <i>Rock Mechanics and Rock Engineering</i> , 2020, 53, 3073-3092.	5.4	10
7	Evaluation on the TBM Performance at a Hydropower Project in Ecuador. <i>Hydro Nepal: Journal of Water, Energy & Environment</i> , 2019, 24, 10-16.	0.1	1
8	Evaluation of earthquake impact on magnitude of the minimum principal stress along a shotcrete lined pressure tunnel in Nepal. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2019, 11, 920-934.	8.1	7
9	Evaluation on the Minimum Principal Stress State and Potential Hydraulic Jacking from the Shotcrete-Lined Pressure Tunnel: A Case from Nepal. <i>Rock Mechanics and Rock Engineering</i> , 2019, 52, 2377-2399.	5.4	6
10	Analysis of unlined pressure shafts and tunnels of selected Norwegian hydropower projects. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2018, 10, 486-512.	8.1	11
11	Estimating Tunnel Strain in the Weak and Schistose Rock Mass Influenced by Stress Anisotropy: An Evaluation Based on Three Tunnel Cases from Nepal. <i>Rock Mechanics and Rock Engineering</i> , 2018, 51, 1823-1838.	5.4	12
12	Roughness evaluation in shotcrete-lined water tunnels with invert concrete based on cases from Nepal. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2018, 10, 42-59.	8.1	7
13	Himalayan rock mass and possibility of limiting concrete lined pressure tunnel length in hydropower projects in the Himalaya. <i>Geosystem Engineering</i> , 2015, 18, 45-50.	1.4	5
14	Assessment of the effect of stress anisotropy on tunnel deformation in the Kaligandaki project in the Nepal Himalaya. <i>Bulletin of Engineering Geology and the Environment</i> , 2015, 74, 815-826.	3.5	12
15	Analysis of the plastic deformation behavior of schist and schistose mica gneiss at Khimti headrace tunnel, Nepal. <i>Bulletin of Engineering Geology and the Environment</i> , 2014, 73, 759-773.	3.5	11
16	Groundwater Effect on Faulted Rock Mass: An Evaluation of Modi Khola Pressure Tunnel in the Nepal Himalaya. <i>Rock Mechanics and Rock Engineering</i> , 2014, 47, 1021-1035.	5.4	15
17	Uncertainty Analysis for Assessing Leakage Through Water Tunnels: A Case from Nepal Himalaya. <i>Rock Mechanics and Rock Engineering</i> , 2010, 43, 629-639.	5.4	16
18	Predicted versus actual rock mass conditions: A review of four tunnel projects in Nepal Himalaya. <i>Tunnelling and Underground Space Technology</i> , 2007, 22, 173-184.	6.2	22

#	ARTICLE	IF	CITATIONS
19	Numerical analysis of stresses and displacements for the Tafjord slide, Norway. Bulletin of Engineering Geology and the Environment, 2006, 65, 57-63.	3.5	9