

Risk Assessment of Road Tunnels using Bayesian Network

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Reflections on Bayesian Network models for road tunnel safety design: A case study from Norway. Tunnelling and Underground Space Technology, 2014, 43, 300-314.	3.0	22
2	Challenges for current quantitative risk assessment (QRA) models to describe explicitly the road tunnel safety level. Journal of Risk Research, 2014, 17, 953-968.	1.4	12
3	Risk assessment of water inrush in karst tunnels and software development. Arabian Journal of Geosciences, 2015, 8, 1843-1854.	0.6	73
4	Quantitative Risk Analysis on the Transport of Dangerous Goods Through a Bi-Directional Road Tunnel. Risk Analysis, 2017, 37, 116-129.	1.5	34
5	Quantitative assessment method for road tunnel fire safety: Development of an evacuation simulation method using CFD-derived smoke behavior. Safety Science, 2017, 94, 116-127.	2.6	48
6	Predicting rock burst hazard with incomplete data using Bayesian networks. Tunnelling and Underground Space Technology, 2017, 61, 61-70.	3.0	101
7	Application of Bayesian networks in a hierarchical structure for environmental risk assessment: a case study of the Gabric Dam, Iran. Environmental Monitoring and Assessment, 2018, 190, 279.	1.3	9
8	Estimation of Rock Mass Squeezing Potential in Tunnel Route (Case Study: Kerman Water Conveyance) Tj ETQq1 1,0,784314 11gBT /Oe 0.8 11	0.8	11
9	Prediction of TBM jamming risk in squeezing grounds using Bayesian and artificial neural networks. Journal of Rock Mechanics and Geotechnical Engineering, 2020, 12, 21-31.	3.7	48
10	A failure probability evaluation method for collapse of drill-and-blast tunnels based on multistate fuzzy Bayesian network. Engineering Geology, 2020, 276, 105752.	2.9	34
11	A Dynamic Risk Assessment Method for Deep-Buried Tunnels Based on a Bayesian Network. Geofluids, 2020, 2020, 1-14.	0.3	5
12	A Novel Method for Analyzing the Factors Influencing Ground Settlement during Shield Tunnel Construction in Upper-Soft and Lower-Hard Fissured Rock Strata considering the Coupled Hydromechanical Properties. Geofluids, 2020, 2020, 1-13.	0.3	7
13	Unascertained Measure-Set Pair Analysis Model of Collapse Risk Evaluation in Mountain Tunnels and Its Engineering Application. KSCE Journal of Civil Engineering, 2021, 25, 451-467.	0.9	16
14	Risk Assessment in Energy Infrastructure Installations by Horizontal Directional Drilling Using Machine Learning. Energies, 2021, 14, 289.	1.6	11
15	Methodological approaches for tunnel classification according to ADR agreement. , 2013, , 314-320.		2
16	Dynamic risk assessment of water inrush in tunnelling and software development. Geomechanics and Engineering, 2015, 9, 57-81.	0.9	25
17	Risk assessment of water inrush in karst tunnels based on a modified grey evaluation model: Sample as Shangjiawan Tunnel. Geomechanics and Engineering, 2016, 11, 493-513.	0.9	14
18	Risk Assessment of Water Inrush in Karst Tunnels Based on the Efficacy Coefficient Method. Polish Journal of Environmental Studies, 2017, 26, 1765-1775.	0.6	25

#	ARTICLE	IF	CITATIONS
19	Risk Assessment in Road Transport – Strategic and Business Approach. Journal of KONBiN, 2018, 45, 305-324.	0.1	9
20	Construction productivity prediction through Bayesian networks for building projects: case from Vietnam. Engineering, Construction and Architectural Management, 2023, 30, 2075-2100.	1.8	9