

Nuh Bilgin

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

655
citations

759233

12
h-index

888059

17
g-index

34
all docs

34
docs citations

34
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating torque, thrust and other design parameters of different type TBMs with some criticism to TBMs used in Turkish tunneling projects. <i>Tunnelling and Underground Space Technology</i> , 2014, 40, 46-63.	6.2	88
2	Effect of replacing disc cutters with chisel tools on performance of a TBM in difficult ground conditions. <i>Tunnelling and Underground Space Technology</i> , 2012, 27, 41-51.	6.2	81
3	Comparative studies on the performance of a roadheader, impact hammer and drilling and blasting method in the excavation of metro station tunnels in Istanbul. <i>Tunnelling and Underground Space Technology</i> , 2010, 25, 181-187.	6.2	68
4	Predicting performance of EPB TBMs by using a stochastic model implemented into a deterministic model. <i>Tunnelling and Underground Space Technology</i> , 2014, 42, 1-14.	6.2	63
5	Effects of Different Cutting Patterns and Experimental Conditions on the Performance of a Conical Drag Tool. <i>Rock Mechanics and Rock Engineering</i> , 2017, 50, 1585-1609.	5.4	56
6	Some geological and geotechnical factors affecting the performance of a roadheader in an inclined tunnel. <i>Tunnelling and Underground Space Technology</i> , 2004, 19, 629-636.	6.2	53
7	The performance prediction of impact hammers from Schmidt hammer rebound values in Istanbul metro tunnel drivages. <i>Tunnelling and Underground Space Technology</i> , 2002, 17, 237-247.	6.2	48
8	The performance of a TBM in a squeezing ground at Uluabat, Turkey. <i>Tunnelling and Underground Space Technology</i> , 2012, 32, 58-65.	6.2	48
9	An appraisal of TBM performances in Turkey in difficult ground conditions and some recommendations. <i>Tunnelling and Underground Space Technology</i> , 2016, 57, 265-276.	6.2	42
10	A model to predict daily advance rates of EPB-TBMs in a complex geology in Istanbul. <i>Tunnelling and Underground Space Technology</i> , 2017, 62, 43-52.	6.2	25
11	Some contributions on the estimation of performance and operational parameters of raise borers " A case study in Kure Copper Mine, Turkey. <i>Tunnelling and Underground Space Technology</i> , 2016, 54, 37-48.	6.2	19
12	The effect of rock weathering and transition zones on the performance of an EPB-TBM in complex geology near Istanbul, Turkey. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 3041-3052.	3.5	14
13	Predicting Performance of Raise Boring Machines Using Empirical Models. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 3377-3385.	5.4	12
14	Contribution on the understanding of EPB-TBM drives in complex geologic structures. <i>Tunnelling and Underground Space Technology</i> , 2021, 107, 103646.	6.2	12
15	A case study on the methane explosion in the excavation chamber of an EPB-TBM and lessons learnt including some recent accidents. <i>Tunnelling and Underground Space Technology</i> , 2011, 27, 159-159.	6.2	11
16	Probe Drilling Ahead of Two TBMs in Difficult Ground Conditions in Turkey. <i>Rock Mechanics and Rock Engineering</i> , 2016, 49, 2763-2772.	5.4	8
17	Case studies leading to the management of tunnel fire risks during TBM drives in an old coalfield. <i>Tunnelling and Underground Space Technology</i> , 2021, 112, 103902.	6.2	3