# Nuh Bilgin

List of Publications by Year
in descending order



| 17 | 655 | 759233 12 | 888059 17 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 34 | 34 | 34 | 448 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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