

Xiang Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2163545/publications.pdf>

Version: 2024-02-01

8
papers

95
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

48
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical analysis of three-dimensional ground displacements induced by shield tunneling. Applied Mathematical Modelling, 2020, 79, 85-105.	4.2	36
2	Influence of Shield Attitude Change on Shield-Soil Interaction. Applied Sciences (Switzerland), 2019, 9, 1812.	2.5	20
3	Horizontal mechanical responses of single pile due to urban tunnelling in multi-layered soils. Computers and Geotechnics, 2021, 135, 104164.	4.7	12
4	Prediction and analysis of slurry shield TBM disc cutter wear and its application in cutter change time. Wear, 2022, 498-499, 204314.	3.1	10
5	Experimental investigation of the failure of shield grease seals under the influence of environmental factors: A case study. Engineering Failure Analysis, 2022, 133, 105975.	4.0	9
6	Theoretical analysis of the barrier effect of embedded isolation piles on tunneling-induced vertical ground displacements. Computers and Geotechnics, 2022, 144, 104609.	4.7	7
7	Experimental investigation of the dynamic sealing of shield tail grease under high water pressure. Tunnelling and Underground Space Technology, 2022, 121, 104343.	6.2	1
8	A New Calculation Method of Cutterhead Torque Considering Shield Rolling Angle. Applied Sciences (Switzerland), 2022, 12, 396.	2.5	0