

Xu Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1407636/publications.pdf>

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9
papers

158
citations

1162889

8
h-index

1474057

9
g-index

9
all docs

9
docs citations

9
times ranked

76
citing authors

#	ARTICLE	IF	CITATIONS
1	Behaviors of existing twin subway tunnels due to new subway station excavation below in close vicinity. <i>Tunnelling and Underground Space Technology</i> , 2018, 81, 121-128.	3.0	32
2	Cracking performance of asymmetric double-arch tunnels due to the voids behind linings. <i>Thin-Walled Structures</i> , 2020, 154, 106856.	2.7	28
3	Influence of cracks at the invert on the mechanical behavior of the tunnel structures. <i>Thin-Walled Structures</i> , 2021, 161, 107405.	2.7	20
4	Mechanical Behavior of Double-Arch Tunnels under the Effect of Voids on the Top of the Middle Wall. <i>Symmetry</i> , 2018, 10, 703.	1.1	19
5	Stability analysis of the tunnel face in the cohesive-frictional soils considering the arch effect and rotational mechanism. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2018, 41, 697-709.	0.6	17
6	Effect of Voids behind Lining on the Failure Behavior of Symmetrical Double-Arch Tunnels. <i>Symmetry</i> , 2019, 11, 1321.	1.1	16
7	Effect of Closely Spaced Twin Tunnel Construction beneath an Existing Subway Station: A Case Study. <i>Journal of Testing and Evaluation</i> , 2018, 46, 1559-1573.	0.4	10
8	A case study on performances of overlying pipelines due to shallow tunnels excavation in water-rich gravel ground. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101746.	3.5	10
9	Experimental and numerical investigation the effects of insufficient concrete thickness on the damage behaviour of multi-arch tunnels. <i>Structures</i> , 2021, 33, 2628-2638.	1.7	6