

# Guangyao Cui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7371876/publications.pdf>

Version: 2024-02-01

13  
papers

77  
citations

1478505

6  
h-index

1588992

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

22  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combination of lining strengthening and buffer layers for soft and hard rock tunnels junction subjected to seismic waves. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 522-539.	4.3	13
2	Research on large deformation control technology of tunnels in squeezing rock and its application. <i>Science Progress</i> , 2020, 103, 003685042092316.	1.9	11
3	Application of fiber-reinforced concrete lining for fault-crossing tunnels in meizoseismal area to improving seismic performance. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402094402.	1.6	9
4	Research on Seismic Performance of Fiber Concrete Lining Structure of Urban Shallow-Buried Rectangular Tunnel in Strong Earthquake Area. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 2748-2757.	1.9	9
5	Engineering application and study on polyurethane-corrugated steel plate insulation lining of existing railway tunnel in seasonal frozen area. <i>Science Progress</i> , 2021, 104, 003685042098704.	1.9	8
6	A large 3D laboratory test on the deformation characteristic of shallow loess tunnel under different plastic states. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 7577-7590.	3.5	7
7	Structure Strengthening Method for Enhancing Seismic Behavior of Soft Tunnel Portal Section. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-12.	1.1	5
8	Research on seismic ground motion parameters applicable to the safety of rectangular shallow tunnel. <i>Advances in Mechanical Engineering</i> , 2022, 14, 168781402110726.	1.6	5
9	Model and calculation method of frost heaving stress of stagnant water of tunnel in seasonally frozen area. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 1669-1687.	4.3	3
10	Shaking table test on the seismic response of the portal section in soft and hard rock junction. <i>Science Progress</i> , 2021, 104, 003685042110313.	1.9	3
11	Application of thermal insulation layer in the tunnel with high temperature subjected to strong seismic motion. <i>All Earth</i> , 2021, 33, 124-135.	2.1	2
12	Study on Antiseismic Effect of Different Thicknesses of Shock Absorption Layer on Urban Shallow Buried Double Arch Rectangular Tunnel. <i>Shock and Vibration</i> , 2022, 2022, 1-9.	0.6	1
13	Study on Underground Excavation Construction Technology of TBM with Tunnel First Excavated and then Expanded into Platform Based on Double Side Drift Method. <i>Geotechnical and Geological Engineering</i> , 0, , 1.	1.7	1