

Wuqiang Cai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1738181/publications.pdf>

Version: 2024-02-01

5
papers

139
citations

1684188

5
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional tunnel face extrusion and reinforcement effects of underground excavations in deep rock masses. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2022, 150, 104999.	5.8	48
2	A New Version of the Generalized Zhang–Zhu Strength Criterion and a Discussion on Its Smoothness and Convexity. <i>Rock Mechanics and Rock Engineering</i> , 2021, 54, 4265-4281.	5.4	27
3	Weakening laws of rock uniaxial compressive strength with consideration of water content and rock porosity. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	25
4	A post-peak dilatancy model for soft rock and its application in deep tunnel excavation. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2023, 15, 683-701.	8.1	24
5	Three-dimensional forward analysis and real-time design of deep tunneling based on digital in-situ testing. <i>International Journal of Mechanical Sciences</i> , 2022, 226, 107385.	6.7	15