

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