

# Xuerui Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1501613/publications.pdf>

Version: 2024-02-01

8  
papers

103  
citations

1684188  
5  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

82  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparative study of using two numerical strategies to simulate the biochemical processes in microbially induced calcite precipitation. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2022, 14, 592-602.	8.1	9
2	Micro-feature-motivated numerical analysis of the coupled bio-chemo-hydro-mechanical behaviour in MICP. <i>Acta Geotechnica</i> , 2022, 17, 4537-4553.	5.7	8
3	A coupled bio-chemo-hydraulic model to predict porosity and permeability reduction during microbially induced calcite precipitation. <i>Advances in Water Resources</i> , 2020, 140, 103563.	3.8	40
4	A Modeling Study of the Bio-geochemical Processes in Microbially Induced Calcite Precipitation. <i>Environmental Science and Engineering</i> , 2019, , 272-279.	0.2	1
5	The influence of different supports on the properties of the excavation damaged zone along the FE tunnel in the Mont Terri Underground Rock Laboratory. <i>Geological Society Special Publication</i> , 2017, 443, 149-157.	1.3	6
6	Analysis of the THM behaviour in a clay-based engineered barrier system (EBS): modelling of the HE-E experiment (Mont Terri URL). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	3
7	Numerical modeling of heating and hydration experiments on bentonite pellets. <i>Engineering Geology</i> , 2015, 198, 94-106.	6.3	20
8	Numerical analysis of thermal impact on hydro-mechanical properties of clay. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2014, 6, 405-416.	8.1	16