

Fei Song

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

265
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical solutions for lined circular tunnels in viscoelastic rock considering various interface conditions. <i>Applied Mathematical Modelling</i> , 2018, 55, 109-130.	4.2	59
2	Analytically-based simplified formulas for circular tunnels with two liners in viscoelastic rock under anisotropic initial stresses. <i>Construction and Building Materials</i> , 2018, 175, 746-767.	7.2	55
3	Analysis and modelling of longitudinal deformation profiles of tunnels excavated in strain-softening time-dependent rock masses. <i>Computers and Geotechnics</i> , 2020, 125, 103643.	4.7	32
4	Numerical solutions for tunnels excavated in strain-softening rock masses considering a combined support system. <i>Applied Mathematical Modelling</i> , 2021, 92, 905-930.	4.2	28
5	Compression Characteristics and Microscopic Mechanism of Coastal Soil Modified with Cement and Fly Ash. <i>Materials</i> , 2019, 12, 3182.	2.9	23
6	Anisotropic deformability and strength of slate from NW-Spain. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2021, 148, 104923.	5.8	18
7	Hydro-mechanical modelling and analysis of multi-stage tunnel excavations using a smoothed excavation method. <i>Computers and Geotechnics</i> , 2021, 135, 104150.	4.7	12
8	Solutions for lined circular tunnels sequentially constructed in rheological rock subjected to non-hydrostatic initial stresses. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 1834-1866.	2.1	10
9	Size effect on the hydraulic behavior of fluid flow through a single rough-walled fracture. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 143, 106615.	3.8	8
10	Coupled solid-fluid response of deep tunnels excavated in saturated rock masses with a time-dependent plastic behaviour. <i>Applied Mathematical Modelling</i> , 2021, 100, 508-535.	4.2	8
11	Numerical analysis of anisotropic stiffness and strength for geomaterials. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2023, 15, 323-338.	8.1	7
12	A plastic-damage approach to the excavation response of a circular opening in weak rock. <i>Tunnelling and Underground Space Technology</i> , 2022, 126, 104538.	6.2	5