Chen Xu

List of Publications by Year
in descending order

9 papers	**252** citations	1163117 **8** h-index
10 all docs	**10** docs citations	**10** times ranked

1588992 **8** g-index

222 citing authors

#	Article	IF	Citations
1	Calibration of the Microparameters of Rock Specimens by Using Various Machine Learning Algorithms. International Journal of Geomechanics, 2021, 21, .	2.7	14
2	A new large strain approach for predicting tunnel deformation in strain-softening rock mass based on the generalized Zhang-Zhu strength criterion. International Journal of Rock Mechanics and Minings Sciences, 2021, 143, 104786.	5.8	36
3	Modified ground response curve (GRC) in strain-softening rock mass based on the generalized Zhang-Zhu strength criterion considering over-excavation. Underground Space (China), 2021, 6, 585-602.	7.5	12
4	Simplified solution for viscoelastic-plastic interaction between tunnel support and surrounding rock based on MC and GZZ strength criteria. Computers and Geotechnics, 2021, 139, 104393.	4.7	21
5	Meso-parameters Calibration of Rock Specimens Based on Flat-Joint Contact Model. , 2021, , .		2
6	The interplay of extracellular polymeric substances and oil/Corexit to affect the petroleum incorporation into sinking marine oil snow in four mesocosms. Science of the Total Environment, 2019, 693, 133626.	8.0	15
7	Simplified solution for tunnel-soil-pile interaction in Pasternakâ€™s foundation model. Tunnelling and Underground Space Technology, 2018, 78, 146-158.	6.2	73
8	Rockburst prediction and classification based on the ideal-point method of information theory. Tunnelling and Underground Space Technology, 2018, 81, 382-390.	6.2	50
9	Interaction analyses between tunnel and landslide in mountain area. Journal of Mountain Science, 2017, 14, 1124-1139.	2.0	29