

Mohsen S Masoudian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1861722/publications.pdf>

Version: 2024-02-01

12
papers

292
citations

1163117

8
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigations on the effect of CO ₂ on mechanics of coal. International Journal of Coal Geology, 2014, 128-129, 12-23.	5.0	99
2	Multiphysics of carbon dioxide sequestration in coalbeds: A review with a focus on geomechanical characteristics of coal. Journal of Rock Mechanics and Geotechnical Engineering, 2016, 8, 93-112.	8.1	49
3	A chemo-poro-mechanical model for sequestration of carbon dioxide in coalbeds. Geotechnique, 2013, 63, 235-243.	4.0	28
4	Analytical solution of a circular opening in an axisymmetric elastic-brittle-plastic swelling rock. Journal of Natural Gas Science and Engineering, 2016, 35, 483-496.	4.4	26
5	Elastic-Brittle-Plastic Behaviour of Shale Reservoirs and Its Implications on Fracture Permeability Variation: An Analytical Approach. Rock Mechanics and Rock Engineering, 2018, 51, 1565-1582.	5.4	21
6	Modelling stress and strain in coal seams during CO ₂ injection incorporating the rock-fluid interactions. Computers and Geotechnics, 2016, 76, 51-60.	4.7	20
7	Mechanical and flow behaviours and their interactions in coalbed geosequestration of CO ₂ . Geomechanics and Geoengineering, 2013, 8, 229-243.	1.8	16
8	The role of coal seam properties on coupled processes during CO ₂ sequestration: A parametric study. , 2016, 6, 492-518.		16
9	Prediction of interactive effects of CBM production, faulting stress regime, and fault in coal reservoir: Numerical simulation. Journal of Natural Gas Science and Engineering, 2022, 99, 104419.	4.4	13
10	Towards the development of a baseline for surface movement in the Surat Cumulative Management Area. APPEA Journal, 2019, 59, 95.	0.2	3
11	Poroelastic solution of a wellbore in a swelling rock with non-hydrostatic stress field. Journal of Rock Mechanics and Geotechnical Engineering, 2022, 14, 303-314.	8.1	1
12	Computational and Experimental Investigations of Fluid Flow in Rock Materials. Advances in Civil Engineering, 2018, 2018, 1-3.	0.7	0