

Eleazar Cristian Mejia Sanchez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4217117/publications.pdf>

Version: 2024-02-01

16
papers

253
citations

1162889

8
h-index

996849

15
g-index

16
all docs

16
docs citations

16
times ranked

173
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydro-mechanical modeling of hydraulic fracture propagation and its interactions with frictional natural fractures. <i>Computers and Geotechnics</i> , 2019, 111, 290-300.	2.3	55
2	Xfem modeling of stress shadowing in multiple hydraulic fractures in multi-layered formations. <i>Journal of Natural Gas Science and Engineering</i> , 2019, 70, 102950.	2.1	41
3	Integrated discrete fracture and dual porosity - Dual permeability models for fluid flow in deformable fractured media. <i>Journal of Petroleum Science and Engineering</i> , 2019, 175, 644-653.	2.1	32
4	Fracture modeling of fiber reinforced concrete in a multiscale approach. <i>Composites Part B: Engineering</i> , 2019, 174, 106958.	5.9	24
5	Impacts of natural fractures on hydraulic fracturing treatment in all asymptotic propagation regimes. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 371, 113296.	3.4	23
6	Numerical simulation of three-dimensional fracture interaction. <i>Computers and Geotechnics</i> , 2020, 122, 103528.	2.3	15
7	A general class of non-linear kinematic models to predict mean stress relaxation and multiaxial ratcheting in fatigue problems – Part II: Generalized surface translation rule. <i>International Journal of Fatigue</i> , 2016, 82, 167-178.	2.8	11
8	A new approach for modeling three-dimensional fractured reservoirs with embedded complex fracture networks. <i>Computers and Geotechnics</i> , 2021, 130, 103928.	2.3	11
9	Hydromechanical modeling of unrestricted crack propagation in fractured formations using intrinsic cohesive zone model. <i>Engineering Fracture Mechanics</i> , 2019, 221, 106655.	2.0	7
10	Discrete fracture propagation analysis using a robust combined continuation method. <i>International Journal of Solids and Structures</i> , 2020, 193-194, 405-417.	1.3	7
11	Mesoscale computational modeling of the mechanical behavior of cement composite materials. <i>Composite Structures</i> , 2021, 257, 113137.	3.1	7
12	A three-dimensional enhanced dual porosity and dual permeability approach for hydromechanical modeling of naturally fractured rocks. <i>International Journal for Numerical Methods in Engineering</i> , 2021, 122, 1663-1686.	1.5	5
13	Forecasting of the interaction between hydraulic and natural fractures using an artificial neural network. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109446.	2.1	5
14	Inverse analysis of hydraulic fracturing tests based on artificial intelligence techniques. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2022, 46, 2582-2602.	1.7	5
15	A comprehensive implicit substepping integration scheme for multisurface plasticity. <i>International Journal for Numerical Methods in Engineering</i> , 2022, 123, 5-40.	1.5	4
16	A PARAMETRIC STUDY OF MIXED-MODE FRACTURE PROPAGATION IN CONCRETE USING XFEM. , 0, , .		1