

Younane Abousleiman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3701508/publications.pdf>

Version: 2024-02-01

55
papers

1,797
citations

304743

22
h-index

289244

40
g-index

56
all docs

56
docs citations

56
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Computational implementation of bounding surface model and its verification through cavity benchmark problems. International Journal for Numerical and Analytical Methods in Geomechanics, 2022, 46, 553-569.	3.3	4
2	Simulation of Pressure- and Temperature-Dependent Fracturing Fluid Loss in Multi-Porosity Multi-Permeability Formations. , 2021, , .		0
3	Poroelastic solution to the Brazilian test. International Journal of Rock Mechanics and Minings Sciences, 2020, 126, 104201.	5.8	3
4	Generalized solution to the anisotropic Mandel's problem. International Journal for Numerical and Analytical Methods in Geomechanics, 2020, 44, 2283-2303.	3.3	6
5	Wellbore-Stability Analysis by Integrating a Modified Hoek-Brown Failure Criterion With Dual-Porochemoelectroelastic Theory (includes associated erratum). SPE Journal, 2019, 24, 1957-1981.	3.1	6
6	Transversely isotropic poroviscoelastic bending beam solutions for low-permeability porous medium. Mechanics Research Communications, 2019, 95, 1-7.	1.8	3
7	Cavity expansion in strain hardening frictional soils under drained condition. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 132-142.	3.3	24
8	Responses of chemically active and naturally fractured shale under timeâ€dependent mechanical loading and ionic solution exposure. International Journal for Numerical and Analytical Methods in Geomechanics, 2018, 42, 34-69.	3.3	13
9	Theory and analytical solution to Cryer's problem of N-porosity and N-permeability poroelasticity. Journal of the Mechanics and Physics of Solids, 2018, 118, 218-227.	4.8	16
10	Theory and Analytical Solutions to Coupled Processes of Transport and Deformation in Dual-Porosity Dual-Permeability Poro-Chemo-Electro-Elastic Media. Journal of Applied Mechanics, Transactions ASME, 2018, 85, .	2.2	10
11	Wellbore stability analysis using strain hardening and/or softening plasticity models. International Journal of Rock Mechanics and Minings Sciences, 2017, 93, 260-268.	5.8	40
12	Poroelastic Dual-Porosity Dual-Permeability Simulation of Pressure Transmission Test on Chemically Active Shale. Journal of Engineering Mechanics - ASCE, 2017, 143, 04017016.	2.9	17
13	Shale Dual-Porosity Dual-Permeability Poromechanical and Chemical Properties Extracted from Experimental Pressure Transmission Tests. Journal of Engineering Mechanics - ASCE, 2017, 143, .	2.9	15
14	Letter to the Editor regarding "A fully dynamic multi-compartmental poroelastic system: Application to aqueductal stenosis" by D. Chou, J.C. Vardakis, L. Guo, B.J. Tully, and Y. Ventikos. Journal of Biomechanics, 2017, 58, 241-242.	2.1	3
15	Numerical Modeling of Elastic Spherical Contact for Mohr-Coulomb Type Failures in Micro-Geomaterials. Experimental Mechanics, 2017, 57, 1091-1105.	2.0	7
16	Poroelastic Dual-Porosity/Dual-Permeability After-Closure Pressure-Curves Analysis in Hydraulic Fracturing. SPE Journal, 2017, 22, 198-218.	3.1	27
17	Multiple-Porosity and Multiple-Permeability Poroelasticity: Theory and Benchmark Analytical Solution. , 2017, , .		4
18	Drained and undrained analyses of cylindrical cavity contractions by bounding surface plasticity. Canadian Geotechnical Journal, 2016, 53, 1398-1411.	2.8	45

#	ARTICLE	IF	CITATIONS
19	Insights on the REV of Source Shale from Nano- and Micromechanics. , 2016, , 335-366.		2
20	Stress analysis of borehole subjected to fluid injection in transversely isotropic poroelastic medium. Mechanics Research Communications, 2016, 73, 63-75.	1.8	22
21	Gassmann equations and the constitutive relations for multiple porosity and multiple permeability poroelasticity with applications to oil and gas shale. International Journal for Numerical and Analytical Methods in Geomechanics, 2015, 39, 1547-1569.	3.3	50
22	Dual-porosity poroviscoelasticity and quantitative hydromechanical characterization of the brain tissue with experimental hydrocephalus data. Journal of Theoretical Biology, 2015, 384, 19-32.	1.7	16
23	Anisotropic porothermoelastic solution and hydrothermal effects on fracture width in hydraulic fracturing. International Journal for Numerical and Analytical Methods in Geomechanics, 2014, 38, 493-517.	3.3	41
24	Generalized Biot's theory and Mandel's problem of multiple porosity and multiple permeability poroelasticity. Journal of Geophysical Research: Solid Earth, 2014, 119, 2745-2763.	3.4	51
25	Exact drained solution for cylindrical cavity expansion in modified Cam Clay soil. Geotechnique, 2013, 63, 510-517.	4.0	128
26	Anisotropic porochemoelectroelastic Mandel's problem solutions for applications in reservoir modeling and laboratory characterization. Mechanics Research Communications, 2013, 47, 89-96.	1.8	9
27	Generalized poroelastic wellbore problem. International Journal for Numerical and Analytical Methods in Geomechanics, 2013, 37, 2727-2754.	3.3	28
28	Poromechanics Axisymmetric Mandel-Type Solutions and Pore Pressure Intricate Behaviors in Dual-Porosity Dual-Permeability Shale. , 2013, , .		2
29	Exact undrained elasto-plastic solution for cylindrical cavity expansion in modified Cam Clay soil. Geotechnique, 2012, 62, 447-456.	4.0	168
30	Correspondence principle between anisotropic poroviscoelasticity and poroelasticity using micromechanics and application to compression of orthotropic rectangular strips. Journal of Applied Physics, 2012, 112, .	2.5	20
31	Merging sequence stratigraphy and geomechanics for unconventional gas shales. The Leading Edge, 2011, 30, 274-282.	0.7	166
32	General solutions to poroviscoelastic model of hydrocephalic human brain tissue. Journal of Theoretical Biology, 2011, 291, 105-118.	1.7	34
33	Pore-Pressure-Coefficient Anisotropy Measurements for Intrinsic and Induced Anisotropy in Sandstone. SPE Reservoir Evaluation and Engineering, 2010, 13, 265-274.	1.8	12
34	Poroviscoelasticity of transversely isotropic cylinders under laboratory loading conditions. Mechanics Research Communications, 2010, 37, 298-306.	1.8	21
35	Time-dependent behaviour of a rigid foundation on a transversely isotropic soil layer. International Journal for Numerical and Analytical Methods in Geomechanics, 2010, 34, 937-952.	3.3	14
36	Poromechanics response of an inclined borehole subject to in-situ stress and finite length fluid discharge. Journal of Mechanics of Materials and Structures, 2010, 5, 47-66.	0.6	31

#	ARTICLE	IF	CITATIONS
37	Poromechanics Solutions to Plane Strain and Axisymmetric Mandel-Type Problems in Dual-Porosity and Dual-Permeability Medium. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2010, 77, .	2.2	33
38	Geomechanics field characterization of Woodford Shale and Barnett Shale with advanced logging tools and nano-indentation on drill cuttings. <i>The Leading Edge</i> , 2010, 29, 730-736.	0.7	22
39	Poroviscoelastic Two-Dimensional Anisotropic Solution with Application to Articular Cartilage Testing. <i>Journal of Engineering Mechanics - ASCE</i> , 2009, 135, 367-374.	2.9	22
40	Poromechanics Response of Inclined Wellbore Geometry in Chemically Active Fractured Porous Media. <i>Journal of Engineering Mechanics - ASCE</i> , 2009, 135, 1281-1294.	2.9	30
41	The dilative intake of poroelastic inclusions an alternative to the Mandelâ€Cryer effect. <i>Acta Geotechnica</i> , 2009, 4, 249-259.	5.7	11
42	Analyses of Wellbore Instability in Drilling Through Chemically Active Fractured-Rock Formations. <i>SPE Journal</i> , 2009, 14, 283-301.	3.1	53
43	Openhole Stability and Solids Production Simulation in Emerging Reservoir Shale Using Transversely Isotropic Thick Wall Cylinders. , 2009, , .		4
44	Taming Complexities of Coupled Geomechanics in Rock Testing: From Assessing Reservoir Compaction to Analyzing Stability of Expandable Sand Screens and Solid Tubulars. <i>SPE Journal</i> , 2007, 12, 293-304.	3.1	3
45	Geomechanics Field and Laboratory Characterization of the Woodford Shale: The Next Gas Play. , 2007, , .		81
46	Porochemoelastic Solution for an Inclined Borehole in a Transversely Isotropic Formation. <i>Journal of Engineering Mechanics - ASCE</i> , 2006, 132, 754-763.	2.9	77
47	Porothermoelastic analyses of anisotropic hollow cylinders with applications. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2005, 29, 103-126.	3.3	44
48	Porochemothermoelastic Solution for an Inclined Borehole in a Transversely Isotropic Formation. <i>Journal of Engineering Mechanics - ASCE</i> , 2005, 131, 522-533.	2.9	64
49	Solutions for the Inclined Borehole in a Porothermoelastic Transversely Isotropic Medium. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2005, 72, 102-114.	2.2	123
50	Poromechanics Response of Inclined Wellbore Geometry in Fractured Porous Media. <i>Journal of Engineering Mechanics - ASCE</i> , 2005, 131, 1170-1183.	2.9	68
51	Modeling Fully Coupled Oilâ€Gas Flow in a Dual-Porosity Medium. <i>International Journal of Geomechanics</i> , 2005, 5, 326-338.	2.7	23
52	The Generalized Lamé Problemâ€Part I: Coupled Poromechanical Solutions. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004, 71, 168-179.	2.2	13
53	The Generalized Lamé Problemâ€Part II: Applications in Poromechanics. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004, 71, 180-189.	2.2	10
54	Poromechanics of Anisotropic Hollow Cylinders. <i>Journal of Engineering Mechanics - ASCE</i> , 2003, 129, 1277-1287.	2.9	23

#	ARTICLE	IF	CITATIONS
55	Time-Dependent Poromechanical Responses of Saturated Cylinders. Journal of Engineering Mechanics - ASCE, 2001, 127, 391-398.	2.9	33