

Younane Abousleiman

List of Publications by Year in descending order

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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	Exact undrained elasto-plastic solution for cylindrical cavity expansion in modified Cam Clay soil. <i>Geotechnique</i> , 2012, 62, 447-456.	4.0	168
2	Merging sequence stratigraphy and geomechanics for unconventional gas shales. <i>The Leading Edge</i> , 2011, 30, 274-282.	0.7	166
3	Exact drained solution for cylindrical cavity expansion in modified Cam Clay soil. <i>Geotechnique</i> , 2013, 63, 510-517.	4.0	128
4	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
5	Geomechanics Field and Laboratory Characterization of the Woodford Shale: The Next Gas Play. , 2007, , .		81
6	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
7	Poromechanics Response of Inclined Wellbore Geometry in Fractured Porous Media. <i>Journal of Engineering Mechanics - ASCE</i> , 2005, 131, 1170-1183.	2.9	68
8	Porochemoelastic Solution for an Inclined Borehole in a Transversely Isotropic Formation. <i>Journal of Engineering Mechanics - ASCE</i> , 2005, 131, 522-533.	2.9	64
9	Analyses of Wellbore Instability in Drilling Through Chemically Active Fractured-Rock Formations. <i>SPE Journal</i> , 2009, 14, 283-301.	3.1	53
10	Generalized Biot's theory and Mandel's problem of multiple porosity and multiple permeability poroelasticity. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 2745-2763.	3.4	51
11	Gassmann equations and the constitutive relations for multiple porosity and multiple permeability poroelasticity with applications to oil and gas shale. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2015, 39, 1547-1569.	3.3	50
12	Drained and undrained analyses of cylindrical cavity contractions by bounding surface plasticity. <i>Canadian Geotechnical Journal</i> , 2016, 53, 1398-1411.	2.8	45
13	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
14	Anisotropic porothermoelastic solution and hydro-thermal effects on fracture width in hydraulic fracturing. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2014, 38, 493-517.	3.3	41
15	Wellbore stability analysis using strain hardening and/or softening plasticity models. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2017, 93, 260-268.	5.8	40
16	General solutions to poroviscoelastic model of hydrocephalic human brain tissue. <i>Journal of Theoretical Biology</i> , 2011, 291, 105-118.	1.7	34
17	Time-Dependent Poromechanical Responses of Saturated Cylinders. <i>Journal of Engineering Mechanics - ASCE</i> , 2001, 127, 391-398.	2.9	33
18	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

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19	Poromechanics response of an inclined borehole subject to in-situ stress and finite length fluid discharge. <i>Journal of Mechanics of Materials and Structures</i> , 2010, 5, 47-66.	0.6	31
20	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
21	Generalized poroelastic wellbore problem. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2013, 37, 2727-2754.	3.3	28
22	Poroelastic Dual-Porosity/Dual-Permeability After-Closure Pressure-Curves Analysis in Hydraulic Fracturing. <i>SPE Journal</i> , 2017, 22, 198-218.	3.1	27
23	Cavity expansion in strain hardening frictional soils under drained condition. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018, 42, 132-142.	3.3	24
24	Poromechanics of Anisotropic Hollow Cylinders. <i>Journal of Engineering Mechanics - ASCE</i> , 2003, 129, 1277-1287.	2.9	23
25	Modeling Fully Coupled Oil-Gas Flow in a Dual-Porosity Medium. <i>International Journal of Geomechanics</i> , 2005, 5, 326-338.	2.7	23
26	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
27	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
28	Stress analysis of borehole subjected to fluid injection in transversely isotropic poroelastic medium. <i>Mechanics Research Communications</i> , 2016, 73, 63-75.	1.8	22
29	Poroviscoelasticity of transversely isotropic cylinders under laboratory loading conditions. <i>Mechanics Research Communications</i> , 2010, 37, 298-306.	1.8	21
30	Correspondence principle between anisotropic poroviscoelasticity and poroelasticity using micromechanics and application to compression of orthotropic rectangular strips. <i>Journal of Applied Physics</i> , 2012, 112, .	2.5	20
31	Poroelastic Dual-Porosity Dual-Permeability Simulation of Pressure Transmission Test on Chemically Active Shale. <i>Journal of Engineering Mechanics - ASCE</i> , 2017, 143, 04017016.	2.9	17
32	Dual-porosity poroviscoelasticity and quantitative hydromechanical characterization of the brain tissue with experimental hydrocephalus data. <i>Journal of Theoretical Biology</i> , 2015, 384, 19-32.	1.7	16
33	Theory and analytical solution to Cryer's problem of N-porosity and N-permeability poroelasticity. <i>Journal of the Mechanics and Physics of Solids</i> , 2018, 118, 218-227.	4.8	16
34	Shale Dual-Porosity Dual-Permeability Poromechanical and Chemical Properties Extracted from Experimental Pressure Transmission Tests. <i>Journal of Engineering Mechanics - ASCE</i> , 2017, 143, .	2.9	15
35	Time-dependent behaviour of a rigid foundation on a transversely isotropic soil layer. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2010, 34, 937-952.	3.3	14
36	The Generalized Lamé Problem Part I: Coupled Poromechanical Solutions. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004, 71, 168-179.	2.2	13

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37	Responses of chemically active and naturally fractured shale under time-dependent mechanical loading and ionic solution exposure. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2018, 42, 34-69.	3.3	13
38	Pore-Pressure-Coefficient Anisotropy Measurements for Intrinsic and Induced Anisotropy in Sandstone. <i>SPE Reservoir Evaluation and Engineering</i> , 2010, 13, 265-274.	1.8	12
39	The dilative intake of poroelastic inclusions an alternative to the Mandel-Cryer effect. <i>Acta Geotechnica</i> , 2009, 4, 249-259.	5.7	11
40	The Generalized Lamé Problem Part II: Applications in Poromechanics. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2004, 71, 180-189.	2.2	10
41	Theory and Analytical Solutions to Coupled Processes of Transport and Deformation in Dual-Porosity Dual-Permeability Poro-Chemo-Electro-Elastic Media. <i>Journal of Applied Mechanics, Transactions ASME</i> , 2018, 85, .	2.2	10
42	Anisotropic porochemoelectroelastic Mandel's problem solutions for applications in reservoir modeling and laboratory characterization. <i>Mechanics Research Communications</i> , 2013, 47, 89-96.	1.8	9
43	Numerical Modeling of Elastic Spherical Contact for Mohr-Coulomb Type Failures in Micro-Geomaterials. <i>Experimental Mechanics</i> , 2017, 57, 1091-1105.	2.0	7
44	Wellbore-Stability Analysis by Integrating a Modified Hoek-Brown Failure Criterion With Dual-Porochemoelectroelastic Theory (includes associated erratum). <i>SPE Journal</i> , 2019, 24, 1957-1981.	3.1	6
45	Generalized solution to the anisotropic Mandel's problem. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2020, 44, 2283-2303.	3.3	6
46	Openhole Stability and Solids Production Simulation in Emerging Reservoir Shale Using Transversely Isotropic Thick Wall Cylinders. , 2009, , .		4
47	Multiple-Porosity and Multiple-Permeability Poroelasticity: Theory and Benchmark Analytical Solution. , 2017, , .		4
48	Computational implementation of bounding surface model and its verification through cavity benchmark problems. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2022, 46, 553-569.	3.3	4
49	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
50	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. <i>Journal of Biomechanics</i> , 2017, 58, 241-242.	2.1	3
51	Transversely isotropic poroviscoelastic bending beam solutions for low-permeability porous medium. <i>Mechanics Research Communications</i> , 2019, 95, 1-7.	1.8	3
52	Poroelastic solution to the Brazilian test. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 126, 104201.	5.8	3
53	Poromechanics Axisymmetric Mandel-Type Solutions and Pore Pressure Intricate Behaviors in Dual-Porosity Dual-Permeability Shale. , 2013, , .		2
54	Insights on the REV of Source Shale from Nano- and Micromechanics. , 2016, , 335-366.		2

#	ARTICLE	IF	CITATIONS
55	Simulation of Pressure- and Temperature-Dependent Fracturing Fluid Loss in Multi-Porosity Multi-Permeability Formations. , 2021, , .		0