

# Hasan Ghasemzadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

730  
citations

623574

14  
h-index

580701

25  
g-index

45  
all docs

45  
docs citations

45  
times ranked

474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geotechnical properties of gas oil-contaminated kaolinite. <i>Engineering Geology</i> , 2013, 166, 11-16.	2.9	129
2	Effect of diesel-contamination on geotechnical properties of illite soil. <i>Engineering Geology</i> , 2018, 241, 55-63.	2.9	63
3	Application of novel Persian gum hydrocolloid in soil stabilization. <i>Carbohydrate Polymers</i> , 2020, 246, 116639.	5.1	45
4	Effects of A low-carbon emission additive on mechanical properties of fine-grained soil under freeze-thaw cycles. <i>Journal of Cleaner Production</i> , 2021, 304, 127157.	4.6	41
5	Pile-soil-pile interaction in pile groups with batter piles under dynamic loads. <i>Soil Dynamics and Earthquake Engineering</i> , 2011, 31, 1159-1170.	1.9	31
6	From excess to absolute adsorption isotherm: The effect of the adsorbed density. <i>Chemical Engineering Journal</i> , 2021, 425, 131495.	6.6	31
7	Effects of thermal cycles on microstructural and functional properties of nano treated clayey soil. <i>Engineering Geology</i> , 2021, 280, 105929.	2.9	30
8	Evaluation of strength properties of clay treated by nano-SiO <sub>2</sub> subjected to freeze-thaw cycles. <i>Road Materials and Pavement Design</i> , 2022, 23, 1221-1238.	2.0	29
9	Dynamic high order numerical manifold method based on weighted residual method. <i>International Journal for Numerical Methods in Engineering</i> , 2014, 100, 596-619.	1.5	27
10	Effects of Curing Method and Glass Transition Temperature on the Unconfined Compressive Strength of Acrylic Liquid Polymer-Stabilized Kaolinite. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	1.3	27
11	A new algorithm to determine optimum cut-off grades considering technical, economical, environmental and social aspects. <i>Resources Policy</i> , 2015, 46, 51-63.	4.2	23
12	The Effect of Diesel Fuel Pollution on the Efficiency of Soil Stabilization Method. <i>Geotechnical and Geological Engineering</i> , 2017, 35, 475-484.	0.8	22
13	Fluid dispersion effects on density-driven thermohaline flow and transport in porous media. <i>Advances in Water Resources</i> , 2013, 61, 12-28.	1.7	21
14	Laboratory analyses of Kaolinite stabilized by vinyl polymers with different monomer types. <i>Engineering Geology</i> , 2021, 280, 105938.	2.9	20
15	Compressional and shear wave intrinsic attenuation and velocity in partially saturated soils. <i>Soil Dynamics and Earthquake Engineering</i> , 2013, 51, 1-8.	1.9	15
16	Wavelet analysis for ground penetrating radar applications: a case study. <i>Journal of Geophysics and Engineering</i> , 2017, 14, 1189-1202.	0.7	15
17	Elastoplastic model for hydro-mechanical behavior of unsaturated soils. <i>Soils and Foundations</i> , 2017, 57, 371-383.	1.3	15
18	A hydro-mechanical elastoplastic model for unsaturated soils under isotropic loading conditions. <i>Computers and Geotechnics</i> , 2013, 51, 91-100.	2.3	14

#	ARTICLE	IF	CITATIONS
19	Numerical Analysis of Pile–Soil–Pile Interaction in Pile Groups with Batter Piles. <i>Geotechnical and Geological Engineering</i> , 2018, 36, 2189-2215.	0.8	13
20	Determining the bearing capacity factor due to nonlinear matric suction distribution in the soil. <i>Canadian Journal of Soil Science</i> , 2019, 99, 434-446.	0.5	12
21	Considering environmental costs of copper production in cut-off grades optimization. <i>Arabian Journal of Geosciences</i> , 2015, 8, 7109-7123.	0.6	11
22	Effect of soil pile structure interaction on dynamic characteristics of jacket type offshore platforms. <i>Coupled Systems Mechanics</i> , 2012, 1, 381-395.	0.4	11
23	A control volume based finite element method for simulating incompressible two-phase flow in heterogeneous porous media and its application to reservoir engineering. <i>Petroleum Science</i> , 2012, 9, 485-497.	2.4	8
24	A hybrid numerical model for multiphase fluid flow in a deformable porous medium. <i>Applied Mathematical Modelling</i> , 2017, 45, 881-899.	2.2	8
25	Experimental study of sulfuric acid effects on hydro-mechanical properties of oxide copper heap soils. <i>Minerals Engineering</i> , 2018, 117, 100-107.	1.8	8
26	Behavior of Geocell-Reinforced Soil Abutment Wall: A Physical Modeling. <i>Journal of Materials in Civil Engineering</i> , 2022, 34, .	1.3	8
27	Application of control volume based finite element method for solving the black-oil fluid equations. <i>Petroleum Science</i> , 2013, 10, 361-372.	2.4	7
28	Investigation of Soil Active Wedge Angle with Linear Matric Suction Distribution Below the Footing. <i>International Journal of Civil Engineering</i> , 2020, 18, 161-168.	0.9	7
29	Effect of subsurface hydrological properties on velocity and attenuation of compressional and shear wave in fluid-saturated viscoelastic porous media. <i>Journal of Hydrology</i> , 2012, 460-461, 110-116.	2.3	5
30	Determining the Optimum Cut-Off Grades in Sulfide Copper Deposits / OkreÅłanie Optymalnej WartoÅci OdciÅ™cia ZawartoÅci Procentowej Pierwiastka UÅłytecznego W ZÅłoÅłach Siarczku Miedzi. <i>Archives of Mining Sciences</i> , 2015, 60, 313-328.	0.6	5
31	Dispersive thermohaline convection near salt domes: a case at Napoleonville Dome, southeast Louisiana, USA. <i>Hydrogeology Journal</i> , 2015, 23, 983-998.	0.9	4
32	A new insight into the analysis of plane elasticity with coupling of numerical manifold and boundary element methods. <i>Engineering Analysis With Boundary Elements</i> , 2021, 133, 376-384.	2.0	4
33	Effect of the Glass Transition Temperature of Acrylic Polymers on Physical and Mechanical Properties of Kaolinite Clay and Sandy Soil. <i>Journal of Materials in Civil Engineering</i> , 2021, 33, .	1.3	3
34	AN ELASTOPLASTIC MULTISCALE, MULTIPHYSICS MIXED GEOMECHANICAL MODEL FOR OIL RESERVOIRS USING ADAPTIVE MESH REFINEMENT METHODS. <i>International Journal for Multiscale Computational Engineering</i> , 2019, 17, 385-409.	0.8	3
35	A novel clean biopolymer-based additive to improve mechanical and microstructural properties of clayey soil. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 969-981.	2.1	3
36	Compressive Strength of Acrylic Polymer-Stabilized Kaolinite Clay Modified with Different Additives. <i>ACS Omega</i> , 2022, 7, 19204-19215.	1.6	3

#	ARTICLE	IF	CITATIONS
37	A New Approach in Casing Collapse Design Using the Geomechanical Model and Heaviest Drilling Fluid. Petroleum Science and Technology, 2011, 29, 1948-1962.	0.7	2
38	Vibration analysis of steel structures including the effect of panel zone flexibility based on the energy method. Earthquake Engineering and Engineering Vibration, 2013, 12, 587-598.	1.1	2
39	MULTISCALE MULTIPHYSIC MIXED GEOMECHANICAL MODEL IN DEFORMABLE POROUS MEDIA. International Journal for Multiscale Computational Engineering, 2014, 12, 529-547.	0.8	2
40	MULTISCALE GEOMECHANICAL MODEL FOR A DEFORMABLE OIL RESERVOIR WITH SURROUNDING ROCK EFFECTS. International Journal for Multiscale Computational Engineering, 2015, 13, 533-559.	0.8	2
41	Development of a four-node quadrilateral element-based high order numerical manifold method without linear dependency. International Journal for Computational Methods in Engineering Science and Mechanics, 0, , 1-19.	1.4	1
42	Thermo-Hydro-Chemo-Mechanical Coupling in Environmental Geomechanics. , 2006, , 2512.		0
43	Well Bore Stability Using a New Dynamic Model. Petroleum Science and Technology, 2012, 30, 2066-2075.	0.7	0
44	Modeling of Oil Transport in Porous Media Using Multiscale Method with Adaptive Mesh Refinement. Springer Series in Geomechanics and Geoengineering, 2019, , 475-485.	0.0	0