Teerapong Senjuntichai

List of Publications by Year
in descending order

39 papers	896 citations	430874 18 h-index	477307 29 g-index
39 all docs	39 docs citations	39 times ranked	320 citing authors

#	ARTICLE	IF	CITATIONS
1	Pullout Capacity Factor for Cylindrical Suction Caissons in Anisotropic Clays Based on Anisotropic Undrained Shear Failure Criterion. Transportation Infrastructure Geotechnology, 2021, 8, 629-644.	3.1	30
2	Undrained Stability of Unsupported Conical Slopes in Anisotropic Clays Based on Anisotropic Undrained Shear Failure Criterion. Transportation Infrastructure Geotechnology, 2021, 8, 557-568.	3.1	51
3	Vertical Dynamic Response of Rigid Circular Foundation in Multilayered Transversely Isotropic Poroelastic Half-Space. International Journal of Structural Stability and Dynamics, 2021, 21, 2150124.	2.4	9
4	Vertical Vibration of Multiple Flexible Strip Foundations on Multilayered Transversely Isotropic Poroelastic Soils. International Journal of Geomechanics, 2021, 21, .	2.7	9
5	Influence of frictional contact on indentation of elastic layer under surface energy effects. Mechanics Research Communications, 2020, 110, 103622.	1.8	6
6	Vertical vibration of a circular foundation in a transversely isotropic poroelastic soil. Computers and Geotechnics, 2020, 122, 103550.	4.7	29
7	Analytical Methods for Dynamic Interaction Between Strip Foundations and Poroelastic Soils. Lecture Notes in Civil Engineering, 2020, , 85-101.	0.4	3
8	Dynamic interaction between multiple rigid strips and transversely isotropic poroelastic layer. Computers and Geotechnics, 2019, 114, 103144.	4.7	19
9	Nonlinear Analysis for Bending, Buckling and Post-buckling of Nano-Beams with Nonlocal and Surface Energy Effects. International Journal of Structural Stability and Dynamics, 2019, 19, 1950130.	2.4	20
10	Dynamic interaction between elastic plate and transversely isotropic poroelastic medium. MATEC Web of Conferences, 2019, 258, 05016.	0.2	0
11	Dynamic compliances of rigid foundation on layered poroelastic soils. IOP Conference Series: Materials Science and Engineering, 2019, 652, 012030.	0.6	0
12	Multilayered Elastic Medium under Axisymmetric Loading and Surface Energy. Key Engineering Materials, 2019, 814, 320-326.	0.4	4
13	Poroelastodynamic fundamental solutions of transversely isotropic half-plane. Computers and Geotechnics, 2019, 106, 52-67.	4.7	25
14	Three-dimensional dynamic response of multilayered poroelastic media. Marine Georesources and Geotechnology, 2019, 37, 424-437.	2.1	16
15	Elastic layer under axisymmetric indentation and surface energy effects. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.	1.4	14
16	Vertical vibrations of rigid foundations of arbitrary shape in a multi-layered poroelastic medium. Computers and Geotechnics, 2018, 100, 121-134.	4.7	27
17	Influence of anisotropic properties on vertical vibrations of circular foundation on saturated elastic layer. Mechanics Research Communications, 2018, 94, 102-109.	1.8	24
18	Analysis of Indentation on Layered Elastic Medium with Surface Energy Effects. Key Engineering Materials, 2018, 775, 524-530.	0.4	3

#	Article	IF	Citations
19	Effective Properties of Piezoelectric Fiber-Reinforced Composites with Imperfect Interface. Journal of Engineering Mechanics - ASCE, 2017, 143, .	2.9	6
20	Dynamic Response of Two Rigid Foundations on Multi-Layered Poroelastic Medium. IOP Conference Series: Materials Science and Engineering, 2017, 269, 012047.	0.6	4
21	Penny-shaped crack in elastic medium with surface energy effects. Acta Mechanica, 2017, 228, 617-630.	2.1	25
22	Influence of Surface Energy Effects on Elastic Fields of a Layered Elastic Medium under Surface Loading. Advances in Materials Science and Engineering, 2017, 2017, 1-11.	1.8	15
23	Analysis of planar cracks in 3D elastic media with consideration of surface elasticity. International Journal of Fracture, 2016, 202, 51-77.	2.2	12
24	Elastic layer under axisymmetric surface loads and influence of surface stresses. Applied Mathematical Modelling, 2016, 40, 1532-1553.	4.2	26
25	Poromechanical response of borehole in excavation disturbed zone. Computers and Geotechnics, 2014, 56, 148-159.	4.7	7
26	Rigid frictionless indentation on elastic half space with influence of surface stresses. International Journal of Engineering Science, 2013, 71, 15-35.	5.0	58
27	Dislocations and internal loading in a semi-infinite elastic medium with surface stresses. Engineering Fracture Mechanics, 2010, 77, 3592-3603.	4.3	30
28	Fatigue Damage Evaluation of Railway Truss Bridges from Field Strain Measurement. Advances in Structural Engineering, 2009, 12, 53-69.	2.4	4
29	Effect of lap reinforcement in link slabs of highway bridges. Engineering Structures, 2008, 30, 546-560.	5.3	7
30	Singularity-Reduced Integral Representations for Discontinuity in Smart Materials. Advanced Materials Research, 2008, 47-50, 789-792.	0.3	0
31	Dynamic response of multiple flexible strips on a multilayered poroelastic half-plane. Journal of Mechanics of Materials and Structures, 2008, 3, 1885-1901.	0.6	19
32	Modeling of Crack Front Singularity in 3D Piezoelectromagnetic Media by Weakly Singular SGBEM. AIP Conference Proceedings, 2007, , .	0.4	0
33	Vertical vibration of an embedded rigid foundation in a poroelastic soil. Soil Dynamics and Earthquake Engineering, 2006, 26, 626-636.	3.8	38
34	Time-dependent response of circular plate in multi-layered poroelastic medium. Computers and Geotechnics, 2006, 33, 155-166.	4.7	10
35	Electroelastic field of a piezoelectric annular finite cylinder. International Journal of Solids and Structures, 2005, 42, 3487-3508.	2.7	21
36	Forced Vertical Vibration of Circular Plate in Multilayered Poroelastic Medium. Journal of Engineering Mechanics - ASCE, 2003, 129, 1330-1341.	2.9	54

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37	Dynamic response of a multi-layered poroelastic medium. Earthquake Engineering and Structural Dynamics, 1995, 24, 703-722.	4.4	100
38	Exact stiffness method for quasi-statics of a multi-layered poroelastic medium. International Journal of Solids and Structures, 1995, 32, 1535-1553.	2.7	75
39	Dynamic Green's Functions of Homogeneous Poroelastic Half€Plane. Journal of Engineering Mechanics - ASCE, 1994, 120, 2381-2404.	2.9	96