

Teerapong Senjuntichai

List of Publications by Year in descending order

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39
papers

896
citations

430874

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477307

29
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39
all docs

39
docs citations

39
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic response of a multi-layered poroelastic medium. <i>Earthquake Engineering and Structural Dynamics</i> , 1995, 24, 703-722.	4.4	100
2	Dynamic Green's Functions of Homogeneous Poroelastic Half-Plane. <i>Journal of Engineering Mechanics - ASCE</i> , 1994, 120, 2381-2404.	2.9	96
3	Exact stiffness method for quasi-statics of a multi-layered poroelastic medium. <i>International Journal of Solids and Structures</i> , 1995, 32, 1535-1553.	2.7	75
4	Rigid frictionless indentation on elastic half space with influence of surface stresses. <i>International Journal of Engineering Science</i> , 2013, 71, 15-35.	5.0	58
5	Forced Vertical Vibration of Circular Plate in Multilayered Poroelastic Medium. <i>Journal of Engineering Mechanics - ASCE</i> , 2003, 129, 1330-1341.	2.9	54
6	Undrained Stability of Unsupported Conical Slopes in Anisotropic Clays Based on Anisotropic Undrained Shear Failure Criterion. <i>Transportation Infrastructure Geotechnology</i> , 2021, 8, 557-568.	3.1	51
7	Vertical vibration of an embedded rigid foundation in a poroelastic soil. <i>Soil Dynamics and Earthquake Engineering</i> , 2006, 26, 626-636.	3.8	38
8	Dislocations and internal loading in a semi-infinite elastic medium with surface stresses. <i>Engineering Fracture Mechanics</i> , 2010, 77, 3592-3603.	4.3	30
9	Pullout Capacity Factor for Cylindrical Suction Caissons in Anisotropic Clays Based on Anisotropic Undrained Shear Failure Criterion. <i>Transportation Infrastructure Geotechnology</i> , 2021, 8, 629-644.	3.1	30
10	Vertical vibration of a circular foundation in a transversely isotropic poroelastic soil. <i>Computers and Geotechnics</i> , 2020, 122, 103550.	4.7	29
11	Vertical vibrations of rigid foundations of arbitrary shape in a multi-layered poroelastic medium. <i>Computers and Geotechnics</i> , 2018, 100, 121-134.	4.7	27
12	Elastic layer under axisymmetric surface loads and influence of surface stresses. <i>Applied Mathematical Modelling</i> , 2016, 40, 1532-1553.	4.2	26
13	Penny-shaped crack in elastic medium with surface energy effects. <i>Acta Mechanica</i> , 2017, 228, 617-630.	2.1	25
14	Poroelastodynamic fundamental solutions of transversely isotropic half-plane. <i>Computers and Geotechnics</i> , 2019, 106, 52-67.	4.7	25
15	Influence of anisotropic properties on vertical vibrations of circular foundation on saturated elastic layer. <i>Mechanics Research Communications</i> , 2018, 94, 102-109.	1.8	24
16	Electroelastic field of a piezoelectric annular finite cylinder. <i>International Journal of Solids and Structures</i> , 2005, 42, 3487-3508.	2.7	21
17	Nonlinear Analysis for Bending, Buckling and Post-buckling of Nano-Beams with Nonlocal and Surface Energy Effects. <i>International Journal of Structural Stability and Dynamics</i> , 2019, 19, 1950130.	2.4	20
18	Dynamic response of multiple flexible strips on a multilayered poroelastic half-plane. <i>Journal of Mechanics of Materials and Structures</i> , 2008, 3, 1885-1901.	0.6	19

#	ARTICLE	IF	CITATIONS
19	Dynamic interaction between multiple rigid strips and transversely isotropic poroelastic layer. Computers and Geotechnics, 2019, 114, 103144.	4.7	19
20	Three-dimensional dynamic response of multilayered poroelastic media. Marine Georesources and Geotechnology, 2019, 37, 424-437.	2.1	16
21	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
22	Elastic layer under axisymmetric indentation and surface energy effects. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.	1.4	14
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	Time-dependent response of circular plate in multi-layered poroelastic medium. Computers and Geotechnics, 2006, 33, 155-166.	4.7	10
25	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
26	Vertical Vibration of Multiple Flexible Strip Foundations on Multilayered Transversely Isotropic Poroelastic Soils. International Journal of Geomechanics, 2021, 21, .	2.7	9
27	Effect of lap reinforcement in link slabs of highway bridges. Engineering Structures, 2008, 30, 546-560.	5.3	7
28	Poromechanical response of borehole in excavation disturbed zone. Computers and Geotechnics, 2014, 56, 148-159.	4.7	7
29	Effective Properties of Piezoelectric Fiber-Reinforced Composites with Imperfect Interface. Journal of Engineering Mechanics - ASCE, 2017, 143, .	2.9	6
30	Influence of frictional contact on indentation of elastic layer under surface energy effects. Mechanics Research Communications, 2020, 110, 103622.	1.8	6
31	Fatigue Damage Evaluation of Railway Truss Bridges from Field Strain Measurement. Advances in Structural Engineering, 2009, 12, 53-69.	2.4	4
32	Dynamic Response of Two Rigid Foundations on Multi-Layered Poroelastic Medium. IOP Conference Series: Materials Science and Engineering, 2017, 269, 012047.	0.6	4
33	Multilayered Elastic Medium under Axisymmetric Loading and Surface Energy. Key Engineering Materials, 2019, 814, 320-326.	0.4	4
34	Analysis of Indentation on Layered Elastic Medium with Surface Energy Effects. Key Engineering Materials, 2018, 775, 524-530.	0.4	3
35	Analytical Methods for Dynamic Interaction Between Strip Foundations and Poroelastic Soils. Lecture Notes in Civil Engineering, 2020, , 85-101.	0.4	3
36	Modeling of Crack Front Singularity in 3D Piezoelectromagnetic Media by Weakly Singular SGBEM. AIP Conference Proceedings, 2007, , .	0.4	0

#	ARTICLE	IF	CITATIONS
37	Singularity-Reduced Integral Representations for Discontinuity in Smart Materials. <i>Advanced Materials Research</i> , 2008, 47-50, 789-792.	0.3	0
38	Dynamic interaction between elastic plate and transversely isotropic poroelastic medium. <i>MATEC Web of Conferences</i> , 2019, 258, 05016.	0.2	0
39	Dynamic compliances of rigid foundation on layered poroelastic soils. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 652, 012030.	0.6	0