Aleksander A Belov

List of Publications by Year
in descending order

14 papers	74 citations	1937685 4 h-index	1474206 9 g-index
14 all docs	14 docs citations	14 times ranked	55 citing authors

#	Article	IF	Citations
1	Indentation of a hard transversely isotropic functionally graded coating by a conical indenter. International Journal of Engineering Science, 2017, 112, 63-75.	5.0	45
2	Numerical-analytic investigation of the dynamics of viscoelastic and porous elastic bodies. Journal of Applied Mechanics and Technical Physics, 2014, 55, 89-94.	0.5	8
3	Boundary Element Method in Three Dimensional Transient Poroviscoelastic Problems. Springer Proceedings in Physics, 2017, , 331-346.	0.2	5
4	A microsimulation based analysis of the price of anarchy in traffic routing: The enhanced Braess network case. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2022, 26, 448-460.	4.2	5
5	A combined application of boundary-element and Runge-Kutta methods in three-dimensional elasticity and poroelasticity. EPJ Web of Conferences, 2015, 94, 04026.	0.3	4
6	Boundary-Element Modeling of 3-D Poroelastic Half-Space Dynamics. Advanced Materials Research, 2014, 1040, 881-885.	0.3	3
7	Development of boundary-element time-step scheme in solving 3D poroelastodynamics problems. EPJ Web of Conferences, 2018, 183, 01042.	0.3	2
8	A combined application of the boundary element method and Lobatto time-stepping procedure in 3-D partially saturated poroelastic problems. MATEC Web of Conferences, 2018, 226, 03003.	0.2	1
9	The Influence of Specimen Geometry and Loading Conditions on the Mechanical Properties of Porous Brittle Media. Materials, 2021, 14, 7144.	2.9	1
10	Boundary element simulation of surface waves on a deformed half-space. Journal of Applied Mechanics and Technical Physics, 2015, 56, 1049-1058.	0.5	0
11	Application of boundary integral equations for analyzing the dynamics of elastic, viscoelastic, and poroelastic bodies. Mechanics of Solids, 2016, 51, 677-683.	0.7	0
12	Numerical-analytical study on effect of three-phase poroelastic medium model parameters on dynamic displacements and porous pressures response. MATEC Web of Conferences, 2017, 132, 03010.	0.2	0
13	BOUNDARY ELEMENT SIMULATION OF SURFACE WAVES ON A DEFORMED HALF-SPACE. Prikladnaâ Mehanika, Tehniĉeskaâ Fizika, 2015, 56, .	0.0	0
14	Laplace domain BEM for anisotropic transient elastodynamics. Mathematics and Mechanics of Solids, 0, , 108128652210782.	2.4	0