Dmitrii Pozharskii

List of Publications by Year
in descending order

51 papers	132 citations	1684188 5 h-index	1588992 8 g-index
51 all docs	51 docs citations	51 times ranked	30 citing authors

#	Article	IF	Citations
1	The action of a strip punch on a transversely isotropic half-space. Prikladnaya Matematika I Mekhanika, 2012, 76, 558-566.	0.4	10
2	Three-dimensional contact problems taking friction and non-linear roughness into account. Prikladnaya Matematika I Mekhanika, 2004, 68, 463-472.	0.4	9
3	Periodic crack system in a layered elastic wedge. Mechanics of Advanced Materials and Structures, 2020, 27, 318-324.	2.6	9
4	The three-dimensional contact problem for an elastic wedge taking friction forces into account. Prikladnaya Matematika I Mekhanika, 2000, 64, 147-154.	0.4	8
5	Periodic contact problem for an elastic wedge. Prikladnaya Matematika I Mekhanika, 2015, 79, 604-610.	0.4	7
6	The thermoelasticity of a moving punch when the heat release from friction is taken into account. Prikladnaya Matematika I Mekhanika, 1994, 58, 539-544.	0.4	5
7	3-D Contact problems for elastic wedges with Coulomb friction. Mathematical Methods in the Applied Sciences, 2004, 27, 193-220.	2.3	5
8	Three-dimensional contact problems for an elastic wedge with a coating. Prikladnaya Matematika I Mekhanika, 2008, 72, 62-65.	0.4	5
9	Embedding of a punch in the form of an elliptic paraboloid into an elastic spatial wedge. Prikladnaya Matematika I Mekhanika, 1992, 56, 244-252.	0.4	4
10	An asymptotic method in contact problems. Prikladnaya Matematika I Mekhanika, 1999, 63, 283-290.	0.4	4
11	The problem of an inclusion in a three-dimensional elastic wedge. Prikladnaya Matematika I Mekhanika, 2002, 66, 617-628.	0.4	4
12	On a mathematical model of dynamics of the elastic wedge-shaped medium with radiating defect. E3S Web of Conferences, 2020, 175, 05015.	0.5	4
13	Periodic Crack Systems in a Transversally Isotropic Solid. Mechanics of Solids, 2019, 54, 533-540.	0.7	4
14	Three-dimensional contact problems with friction for a composite elastic wedge. Prikladnaya Matematika I Mekhanika, 2010, 74, 692-698.	0.4	3
15	A strip cut in a transversely isotropic elastic solid. Prikladnaya Matematika I Mekhanika, 2013, 77, 551-558.	0.4	3
16	The interaction of punches on a transversely isotropic half-space. Prikladnaya Matematika I Mekhanika, 2014, 78, 409-414.	0.4	3
17	Contact problem for an orthotropic half-space. Mechanics of Solids, 2017, 52, 315-322.	0.7	3
18	On a contact problem for an elastic wedge. Prikladnaya Matematika I Mekhanika, 1988, 52, 506-511.	0.4	2

#	Article	IF	Citations
19	A spatial problem for an elastic wedge with a strip cut. Prikladnaya Matematika I Mekhanika, 1994, 58, 913-918.	0.4	2
20	The spatial contact problem for an elastic wedge with unknown contact area. Prikladnaya Matematika I Mekhanika, 1995, 59, 781-787.	0.4	2
21	The problem of an annular crack at the interface between an elastic layer and an elastic half-space. Prikladnaya Matematika I Mekhanika, 2000, 64, 457-464.	0.4	2
22	The three-dimensional contact problem with friction for an elastic wedge. Prikladnaya Matematika I Mekhanika, 2008, 72, 619-625.	0.4	2
23	Problems of cuts in a composite elastic wedge. Prikladnaya Matematika I Mekhanika, 2009, 73, 103-108.	0.4	2
24	Contact problems for a two-layer elastic wedge. Mechanics of Solids, 2009, 44, 222-231.	0.7	2
25	The interaction of punches on the face of an elastic wedge. Prikladnaya Matematika I Mekhanika, 2010, 74, 486-493.	0.4	2
26	The three-dimensional problem of a thin inclusion in a composite elastic wedge. Prikladnaya Matematika I Mekhanika, 2011, 75, 589-594.	0.4	2
27	Action of an elliptic punch on a transversally isotropic half-space. Mechanics of Solids, 2014, 49, 578-586.	0.7	2
28	Contact problem for a transversely isotropic half-space with an unknown contact region. Doklady Physics, 2014, 59, 144-147.	0.7	2
29	The elastic equilibrium of an inhomogeneous wedge with varying Poisson's ratio. Prikladnaya Matematika I Mekhanika, 2016, 80, 433-438.	0.4	2
30	Contact of Transversely Isotropic Bodies in the Hertz Theory. Journal of Applied Mechanics and Technical Physics, 2018, 59, 491-497.	0.5	2
31	Contact Problems for Hollow Cylinders Made of an Inhomogeneous Material. Journal of Applied Mechanics and Technical Physics, 2019, 60, 1088-1095.	0.5	2
32	Periodic crack problems for an elastic layer. Mechanics of Advanced Materials and Structures, 2022, 29, 440-448.	2.6	2
33	On contact problems for wedge-shaped plates. Prikladnaya Matematika I Mekhanika, 1991, 55, 120-128.	0.4	1
34	An axially symmetric contact problem for A truncated sphere in the theory of elasticity. Prikladnaya Matematika I Mekhanika, 1997, 61, 295-300.	0.4	1
35	Wedge-shaped cut in three-dimensional elastic wedge. International Applied Mechanics, 1999, 35, 238-244.	0.6	1
36	Problems of a cut in a three-dimensional elastic wedge. Prikladnaya Matematika I Mekhanika, 2006, 70, 483-492.	0.4	1

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37	Generalization of the Cerruti problem. Doklady Physics, 2008, 53, 283-286.	0.7	1
38	The three-dimensional contact problem for a wedge-shaped valve. Prikladnaya Matematika I Mekhanika, 2012, 76, 567-571.	0.4	1
39	Galin's problem for a spatial elastic wedge. Mechanics of Solids, 2012, 47, 34-39.	0.7	1
40	Three-dimensional contact problems for a composite elastic wedge. Prikladnaya Matematika I Mekhanika, 2016, 80, 99-103.	0.4	1
41	A strip cut in a composite elastic wedge. Prikladnaya Matematika I Mekhanika, 2016, 80, 345-350.	0.4	1
42	Periodic Crack Systems in an Elastic Wedge. Mechanics of Solids, 2018, 53, 137-145.	0.7	1
43	Contact Problem for Inhomogeneous Cylinders with Variable Poisson's Ratio. Mechanics of Solids, 2019, 54, 709-716.	0.7	1
44	Plane Cracks in a Transversely Isotropic Layer. Mechanics of Solids, 2020, 55, 1406-1414.	0.7	1
45	Action of a strip-shaped stamp on an elastic incompressible three-dimensional wedge. Soviet Applied Mechanics, 1989, 25, 749-756.	0.0	0
46	Action of a band stamp on a three-dimensional elastic wedge. International Applied Mechanics, 1992, 28, 49-54.	0.6	0
47	Action of a strip-shaped stamp on a three-dimensional elastic wedge with one stress-free face. International Applied Mechanics, 1994, 30, 363-367.	0.6	0
48	The problem of a wedge-shaped punch on the face of an elastic wedge. Prikladnaya Matematika I Mekhanika, 1999, 63, 141-144.	0.4	0
49	Three-dimensional contact problem for an elastic wedge with allowance for friction in an unknown contact region. Doklady Physics, 2000, 45, 236-240.	0.7	0
50	Generalization of the Mindlin and Lord Kelvin fundamental solutions in the classical elasticity theory. Doklady Physics, 2001, 46, 722-725.	0.7	0
51	On the generalized Mindlin problem. Doklady Physics, 2002, 47, 535-537.	0.7	0