

Alexandr O Shimanovsky

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

41
citations

1937685

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1872680

6
g-index

20
all docs

20
docs citations

20
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of the Pantograph-Catenary Wire Contact Interaction. Procedia Engineering, 2016, 134, 284-290.	1.2	8
2	Determination of Longitudinal Forces in the Cars Automatic Couplers at Train Electrodynamic Braking. Procedia Engineering, 2016, 134, 415-421.	1.2	6
3	The Strength Analysis of the Partitions in Road Tank Reservoirs. Procedia Engineering, 2012, 48, 607-612.	1.2	4
4	Modeling of Newtonian and Non-Newtonian Liquid Sloshing in Road Tanks while Braking. Applied Mechanics and Materials, 0, 611, 137-144.	0.2	4
5	Definition of Rational Form of Lateral Perforated Baffle for Road Tanks. Procedia Engineering, 2016, 134, 72-79.	1.2	4
6	Research of the modern absorbing apparatus power characteristics influence on the freight train inter-car forces. IOP Conference Series: Materials Science and Engineering, 2020, 985, 012027.	0.6	4
7	Finite-element modeling of the interaction of reinforcement with concrete matrix. Mechanics of Composite Materials, 2008, 44, 209-214.	1.4	3
8	The Special Features of the Deformation for the Bearing Building Constructions with Composite Reinforcement. Procedia Engineering, 2012, 48, 346-351.	1.2	3
9	3D-Computer Modelling of Contact Interaction between Spherical Indenter and Elastic-Plastic Body. Applied Mechanics and Materials, 2015, 816, 234-239.	0.2	2
10	Finite Element Modelling of Contact Interaction between Spherical Indenter and Elastic-Plastic Body. Applied Mechanics and Materials, 2015, 797, 307-313.	0.2	2
11	Modeling of Railway Tanks Stress-Strain Condition under Hydrodynamic Loading. , 0, , .		1
12	Design and experimental testing of an instrument to evaluate the wear resistance of parts of transportation equipment. Measurement Techniques, 1998, 41, 732-736.	0.6	0
13	The Holding of Contests in Engineering Mechanics. International Journal of Mechanical Engineering Education, 2013, 41, 107-114.	1.0	0
14	Comparative Analysis of Forms of Lateral Baffles for Road Tanks. Applied Mechanics and Materials, 0, 797, 290-298.	0.2	0
15	Theoretical and Experimental Analysis of the Sawing Process for Hard and Ultra-Hard Materials. International Journal of Mechanical Engineering and Robotics Research, 2016, 7, 120-125.	1.0	0
16	Simulation of Spur Gear for their Nonparallel Axes. Acta Mechanica Slovaca, 2016, 20, 28-32.	0.1	0
17	INFLUENCE OF CHLORIDE CORROSION ON THE STRESS-STRAIN STATE OF THE REINFORCED CONCRETE PLATE ON AN ELASTIC BASE. , 0, , .		0
18	Change in stress-strain state of disc brake elements during braking. Modern Technologies System Analysis Modeling, 2020, , 58-64.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Modeling of Constructionsâ€™ Structurally Nonlinear Oscillations Using Chebyshev's Polynomials. Mechanika, 2020, 26, 331-337.	0.5	0
20	COMPUTER MODELING OF INTERACTION DYNAMICS OF THE RAILWAY CAR WHEELSET WITH BRAKING SHOES. Mehanika MaÅ¡in, Mehanizmov I Materialov, 2021, 4, 48-55.	0.2	0