

# DoëĐ°Ñ€Đ°Ñ,

## List of Publications by Year in descending order

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57  
papers

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docs citations

58  
times ranked

82  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dependence of Axisymmetric Bending of a Circular Plate on Boundary Conditions and Pressure on Its Surface. Lobachevskii Journal of Mathematics, 2020, 41, 1216-1221.	0.9	2
2	Overview of Local Rod Defect Detection Studies. Journal of Machinery Manufacture and Reliability, 2020, 49, 87-97.	0.5	1
3	Selenophysics and Models of the Lunar Three-Layered Mantle. Uchenye Zapiski Kazanskogo Universiteta Seriya Fiziko-Matematicheskie Nauki, 2020, 162, 27-37.	0.0	0
4	The Frequency Spectrum of a Wire Micro- and Nanoresonator. Doklady Physics, 2020, 65, 308-311.	0.7	1
5	INTERACTION BETWEEN FORCED AND PARAMETRIC VIBRATIONS OF A PIPELINE. Journal of Applied Mechanics and Technical Physics, 2020, 61, 964-967.	0.5	3
6	Generalization of the Thin Plate Bending Equation under the Action of Gas. Mechanics of Solids, 2019, 54, 348-355.	0.7	4
7	Extreme Focusing of Energy during Shock Compression of the Vapor Bubble in Hydrocarbon Liquids. High Temperature, 2019, 57, 228-235.	1.0	10
8	Nonlinear Bending of a Shallow Panel under the Effect of Gas Pressure. Journal of Machinery Manufacture and Reliability, 2019, 48, 211-218.	0.5	0
9	Influence of the Shape of the Jet Head on Its Impact on a Wetted Wall. Journal of Applied Mechanics and Technical Physics, 2019, 60, 644-649.	0.5	1
10	The Influence of Surface Effects on Bending and Vibrations of Nanofilms. Physics of the Solid State, 2019, 61, 1779-1784.	0.6	9
11	The Dynamics of a Cavitation Pocket and Cavitation Damage. Journal of Machinery Manufacture and Reliability, 2019, 48, 1-10.	0.5	2
12	Bending of a Round Plate under Gas Pressure. Mechanics of Solids, 2019, 54, 551-558.	0.7	3
13	Influence of Surface Effects on Bending and Buckling of Nanowires. Doklady Physics, 2019, 64, 345-348.	0.7	1
14	Buckling of an Oscillating Rod Under Longitudinal Impact. International Journal of Structural Stability and Dynamics, 2019, 19, 1971001.	2.4	2
15	Spatial Vibrations of a Pipeline with Elastically Deflecting Support under the Action of Internal Shock Pressure. Journal of Machinery Manufacture and Reliability, 2018, 47, 479-487.	0.5	6
16	Liquid-Column Cavitation under Motion of Its Lower Boundary. Doklady Physics, 2018, 63, 362-365.	0.7	0
17	Flexural Vibrations of a Plate under Changes in the Mean Pressure on Its Surfaces. Acoustical Physics, 2018, 64, 605-611.	1.0	3
18	Bending and Stability of a Thin Plate under Vacuuming Its Surfaces. Doklady Physics, 2018, 63, 244-246.	0.7	2



#	ARTICLE	IF	CITATIONS
37	Flexural model for a notched beam: Direct and inverse problems. Journal of Applied Mechanics and Technical Physics, 2013, 54, 132-141.	0.5	6
38	Interaction between the Euler and Rayleigh-Taylor instabilities. Mechanics of Solids, 2012, 47, 178-186.	0.7	3
39	Rearrangement of harmonics during bending of a cylindrical shell under dynamic compression. Journal of Applied Mechanics and Technical Physics, 2011, 52, 471-477.	0.5	4
40	Reflection of a decaying traveling wave from a notch in a bar. Mechanics of Solids, 2011, 46, 589-596.	0.7	3
41	Deviation from sphericity of a vapor cavity at the time of collapse. Doklady Physics, 2011, 56, 455-458.	0.7	1
42	Reconstruction of harmonics during the dynamic loss of stability in mechanical systems. Doklady Physics, 2010, 55, 297-301.	0.7	5
43	Expansion, compression, and stability of a cavity in a fluid under strong acoustic forcing. Doklady Physics, 2010, 55, 317-320.	0.7	3
44	Effect of vortex fluid motion on nonspherical oscillations of a gas bubble. Journal of Applied Mechanics and Technical Physics, 2010, 51, 849-859.	0.5	0
45	Evolution of distortions of the spherical shape of a cavitation bubble in acoustic supercompression. Fluid Dynamics, 2010, 45, 50-61.	0.9	9
46	Diagnosis of damage of a cantilever beam with a notch. Russian Journal of Nondestructive Testing, 2009, 45, 430-435.	0.9	12
47	Nonlinear non-spherical oscillations of gas bubble under a periodic variation of ambient liquid pressure. Thermophysics and Aeromechanics, 2008, 15, 491-502.	0.5	2
48	The bending equations of sandwich plates with a prestressed filling. Prikladnaya Matematika I Mekhanika, 2006, 70, 292-299.	0.4	0
49	Distortion of the spherical shape of a vapor cavity in deuterated acetone. Doklady Physics, 2006, 51, 334-338.	0.7	1
50	Qualitative analysis of the evolution of deviations from the spherical shape during the collapse of a cavity in a liquid. Doklady Physics, 2005, 50, 444-447.	0.7	1
51	Ellipsoidal Oscillations of a Gas Bubble with Periodic Variation of the Surrounding Fluid Pressure. Fluid Dynamics, 2005, 40, 706-713.	0.9	2
52	Gas-bubble dynamics under excitation by compression and rarefaction pulses in a liquid. Doklady Physics, 2002, 47, 29-33.	0.7	2
53	Large deflection of superconducting cable. International Journal of Non-Linear Mechanics, 1999, 34, 869-880.	2.6	5
54	Reflections on Fifty Years. Applied Mechanics Reviews, 1997, 50, T13-T14.	10.1	0

#	ARTICLE	IF	CITATIONS
55	DEVELOPMENT OF LONGITUDINAL GAS OSCILLATIONS IN A CLOSED TUBE. Journal of Sound and Vibration, 1996, 195, 359-374.	3.9	17
56	Buckling and Post-buckling Behavior of a Pipe Subjected to Internal Pressure. Journal of Applied Mechanics, Transactions ASME, 1995, 62, 595-600.	2.2	11
57	Flutter and Forced Response of a Cantilevered Pipe: The Influence of Internal Pressure and Nozzle Discharge. Journal of Fluids and Structures, 1994, 8, 139-156.	3.4	25