

# Mykola Kryukov

## List of Publications by Year in descending order

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41  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Solution of Boundary-Value Problems of the Theory of Plates with Variable Parameters Using Periodical B-splines. International Applied Mechanics, 2018, 54, 373-377.	0.6	2
2	The development of Institute of Mechanics of the Ukrainian National Academy of Sciences named after S. P. Dymyshenko (1941-1968). History of Science and Technology, 2018, 8, 319-327.	0.4	0
3	Spline-approximation solution of stress-strain problems for beveled cylindrical shells. International Applied Mechanics, 2009, 45, 1357-1364.	0.6	10
4	Using Spline Functions to Solve Boundary-Value Problems for Laminated Orthotropic Trapezoidal Plates of Variable Thickness. International Applied Mechanics, 2005, 41, 413-420.	0.6	15
5	Stress Analysis of Biconvex Laminated Orthotropic Shells that are Shallow to a Variable Degree. International Applied Mechanics, 2003, 39, 688-695.	0.6	3
6	Spline-approximation solution of problems of the statics of orthotropic shallow shells with variable parameters. International Applied Mechanics, 2000, 36, 888-895.	0.6	3
7	Investigation of the asymmetric stressed-strained state of transversely isotropic cylinders under different boundary conditions at the ends. International Applied Mechanics, 1998, 34, 607-614.	0.6	4
8	Design of oblique and trapezoidal plates with the use of spline functions. International Applied Mechanics, 1997, 33, 414-417.	0.6	7
9	Use of spline approximation to study displacement and stress fields in cylinders with different boundary conditions on the ends. International Applied Mechanics, 1997, 33, 958-965.	0.6	3
10	Deformation of flexible anisotropic elastic systems of shells of revolution on a nonlinear foundation. International Applied Mechanics, 1996, 32, 702-707.	0.6	0
11	Using B splines to investigate rectangular-plate flexure. International Applied Mechanics, 1995, 31, 118-122.	0.6	0
12	Solution of two-dimensional problems of the statics of flexible shallow shells by spline approximation. International Applied Mechanics, 1995, 31, 255-260.	0.6	1
13	Solution of problems of the theory of plates and shells with spline functions (survey). International Applied Mechanics, 1995, 31, 413-434.	0.6	21
14	Axisymmetric deformation of bimetallic shells of revolution in the supercritical region. Journal of Mathematical Sciences, 1994, 71, 2577-2580.	0.4	0
15	Deformation of orthotropic noncircular cylindrical shells in an elastic bed. International Applied Mechanics, 1993, 29, 204-207.	0.6	2
16	Solution of linear and nonlinear boundary-value problems for shells and plates using the method of lines. International Applied Mechanics, 1993, 29, 249-256.	0.6	1
17	Solution of problems of the stressed state of thick-walled orthotropic cylindrical shells with the aid of spline functions. International Applied Mechanics, 1993, 29, 541-547.	0.6	2
18	Numerical solution of the problem of nonlinear deformation of an immersed cylindrical panel. Journal of Soviet Mathematics, 1993, 66, 2394-2396.	0.0	0

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19	Improved calculation of the stress-strain state of orthotropic noncircular cylindrical shells. <i>International Applied Mechanics</i> , 1992, 28, 54-60.	0.6	3
20	Stress analysis near holes in shells of revolution: Geometrically nonlinear problem. <i>Journal of Soviet Mathematics</i> , 1992, 58, 76-79.	0.0	0
21	Numeric analysis of the deformation of flexible shell structures of composite materials under a combined load. <i>Mechanics of Composite Materials</i> , 1991, 26, 807-811.	1.4	0
22	Two-dimensional statics problems of noncircular cylindrical shells. <i>Soviet Applied Mechanics</i> , 1991, 27, 1007-1011.	0.0	1
23	Axisymmetric nonlinear deformation of elastic systems made of anisotropic shells of revolution. <i>Soviet Applied Mechanics</i> , 1990, 26, 37-40.	0.0	0
24	Post-critical deformation of flexible laminar shells of revolution under combined loading. <i>Soviet Applied Mechanics</i> , 1990, 26, 858-863.	0.0	0
25	Numerical analysis of the nonlinear deformation of a spherical pressure vessel made of laminated glass-plastic. <i>Soviet Applied Mechanics</i> , 1987, 23, 1033-1037.	0.0	0
26	Numerical solution of statics problems of flexible laminar shells with variable parameters. <i>Soviet Applied Mechanics</i> , 1987, 23, 647-652.	0.0	2
27	Nonlinear deformation of noncircular orthotropic cylindrical shells of variable rigidity. <i>Soviet Applied Mechanics</i> , 1986, 22, 435-439.	0.0	0
28	Numerical study of the stress-strain state of nonuniform flexible shells of revolution made of composite materials. <i>Soviet Applied Mechanics</i> , 1985, 21, 585-590.	0.0	0
29	Nonaxisymmetric deformation of flexible shells of revolution with axisymmetric loading. <i>Soviet Applied Mechanics</i> , 1985, 21, 672-676.	0.0	0
30	Selection of the rational form of the shell system with large displacements. <i>Strength of Materials</i> , 1984, 16, 1436-1440.	0.5	1
31	Numerical solution of nonlinear problems of the axisymmetric deformation of laminar anisotropic shells of revolution. <i>Mechanics of Composite Materials</i> , 1984, 19, 746-751.	1.4	3
32	Numerical solution of problems on the deformation of open flexible noncircular cylindrical shells of variable stiffness. <i>Soviet Applied Mechanics</i> , 1984, 20, 1052-1057.	0.0	0
33	Numerical solution of nonlinear two-dimensional problems on the nonaxisymmetric deformation of layered shells of revolution of variable stiffness. <i>Soviet Applied Mechanics</i> , 1984, 20, 710-717.	0.0	0
34	Nonaxisymmetric deformation of flexible variable-thickness conical shells. <i>Soviet Applied Mechanics</i> , 1983, 19, 405-410.	0.0	0
35	Solving nonlinear boundary-value problems of the statics of flexible laminated shells in the supercritical region. <i>Soviet Applied Mechanics</i> , 1983, 19, 217-221.	0.0	1
36	Nonaxisymmetrical deformation of flexible circular layered orthotropic plates with variable stiffness parameters. <i>Soviet Applied Mechanics</i> , 1982, 18, 225-229.	0.0	0

#	ARTICLE	IF	CITATIONS
37	Thermal stresses in a flexible circular plate of variable rigidity. Soviet Applied Mechanics, 1981, 17, 669-672.	0.0	0
38	Nonaxisymmetric deformation of thick circular plates of variable stiffness. Soviet Applied Mechanics, 1979, 15, 960-964.	0.0	0
39	Proper use of the strength provided by thermal-expansion compensators. Strength of Materials, 1972, 4, 516-520.	0.5	1
40	Stressed state of a thick-walled conical shell in a centrifugal force field. Soviet Applied Mechanics, 1970, 6, 905-907.	0.0	0
41	The axisymmetric deformation of shells of revolution of average thickness. Soviet Applied Mechanics, 1969, 5, 678-683.	0.0	3