

# Dmitry V Kondratov

## List of Publications by Year in descending order

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22  
papers

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citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical Solution for Bending and Free Vibrations of an Orthotropic Nanoplate based on the New Modified Couple Stress Theory and the Third-order Plate Theory. Journal of Mathematical and Fundamental Sciences, 2022, 54, 11-38.	0.5	3
2	Hydroelastic Vibrations of Circular Sandwich Plate Under Inertial Excitation. Advanced Structured Materials, 2021, , 227-242.	0.5	0
3	MODELING OF WAVE PROCESSES IN A COAXIAL SHELLS TAKING INTO ACCOUNT DAMPING AND LIQUID INSIDE. MatematiĀeskie Metody V TehnologiiĀch I Tehnike, 2021, , 46-49.	0.1	0
4	Mathematical Model for Evaluating Management Processes for Implementing Electronic Document Management Systems. Studies in Systems, Decision and Control, 2021, , 600-612.	1.0	0
5	Modeling the Vibrations of Elastic Plate Interacting with a Layer of Viscous Compressible Gas. Studies in Systems, Decision and Control, 2021, , 223-234.	1.0	0
6	Derivation of the dynamic equation for a geometrically nonlinear plate interacting with a thin layer of a viscous incompressible fluid. , 2021, , .		0
7	Interaction Dynamics Problem of a Layer, Being Squeezed, of Viscous Compressible Gas with Elastic Plate. , 2020, , 21-21.		0
8	Investigation of Hydroelasticity Coaxial Geometrically Irregular and Regular Shells Under Vibration. Studies in Systems, Decision and Control, 2019, , 125-137.	1.0	1
9	Mathematical Modeling of Electronic Records Management and Office Work in the Executive Bodies of State Administration. Studies in Systems, Decision and Control, 2019, , 622-633.	1.0	1
10	Mathematical Modeling of Waves in a Non-linear Shell with Viscous Liquid Inside It, Taking into Account Its Movement Inertia. Studies in Systems, Decision and Control, 2019, , 660-670.	1.0	0
11	Mathematical Modeling of Hydroelastic Interaction Between Stamp and Three-Layered Beam Resting on Winkler Foundation. Studies in Systems, Decision and Control, 2019, , 671-681.	1.0	4
12	Hydroelastic Oscillations of a Circular Plate, Resting on Winkler Foundation. Journal of Physics: Conference Series, 2018, 944, 012057.	0.4	2
13	Development of a vibrational error model of a hemispherical resonator gyroscope. , 2018, , .		5
14	Hydroelasticity of three elastic coaxial shells interacting with viscous incompressible fluids between them under vibration. Vibroengineering PROCEDIA, 2018, 18, 157-163.	0.5	1
15	Methods for testing and test results of inertial sensors intended for operation in helicopter-type aircraft. , 2017, , .		4
16	Bending oscillations of a cylinder, surrounded by an elastic medium and containing a viscous liquid and an oscillator. Journal of Vibroengineering, 2017, 19, 5758-5766.	1.0	6
17	Hydroelastic oscillation of a plate resting on Pasternak foundation. Vibroengineering PROCEDIA, 2017, 12, 102-108.	0.5	1
18	Oscillating laminar fluid flow in a cylindrical elastic pipe of annular cross-section. Fluid Dynamics, 2009, 44, 528-539.	0.9	9

#	ARTICLE	IF	CITATIONS
19	Studies of the amplitude frequency characteristics of oscillations of the tube elastic walls of a circular profile during pulsed motion of a viscous fluid under the conditions of rigid jamming on the butt-ends. <i>Journal of Machinery Manufacture and Reliability</i> , 2009, 38, 229-234.	0.5	9
20	Perturbing moments in a floating gyroscope with elastic device housing on a vibrating base in the case of a nonsymmetric end outflow. <i>Mechanics of Solids</i> , 2009, 44, 352-360.	0.7	8
21	Mathematical model of pulsating viscous liquid layer movement in a flat channel with elastically fixed wall. <i>Applied Mathematical Sciences</i> , 0, 8, 7899-7908.	0.1	11
22	Mathematical model of elastic ribbed shell dynamics interaction with viscous liquid pulsating layer. <i>Applied Mathematical Sciences</i> , 0, 9, 3525-3531.	0.1	3