Eva B Voronkova

List of Publications by Year
in descending order

13 papers	33 citations	1937685 4 h-index	1872680 6 g-index
13 all docs	13 docs citations	13 times ranked	11 citing authors

#	Article	IF	Citations
1	Nonclassical Shell Theories in Ocular Biomechanics. Advanced Structured Materials, 2015, , 81-97.	0.5	8
2	Nonclassical Theories of Shells in Application to Soft Biological Tissues. Advanced Structured Materials, 2011, , 647-654.	0.5	6
3	Models of shells and plates in the problems of ophthalmology. Vestnik St Petersburg University: Mathematics, 2014, 47, 123-139.	0.4	5
4	Application of Non-classical Shells Theories for Free Vibration Analysis of Annular Plates. Procedia Engineering, 2017, 199, 98-103.	1.2	4
5	Influence of boundary constraints on the appearance of asymmetrical equilibrium states in circular plates under normal pressure. Zhurnal Belorusskogo Gosudarstvennogo Universiteta Matematika Informatika, 2020, , 38-46.	0.2	4
6	On the Unsymmetrical Buckling of the Nonuniform Orthotropic Circular Plates. Lecture Notes in Computer Science, 2013, , 198-205.	1.3	2
7	Modeling Approaches for an Eyeball Deformation After Intravitreal Injection. Advanced Structured Materials, 2022, , 77-85.	0.5	2
8	On natural frequencies of transversely isotropic circular plates. Vestnik St Petersburg University: Mathematics, 2016, 49, 77-80.	0.4	1
9	The three-dimensional problem of the axisymmetric deformation of an orthotropic spherical layer. Vestnik St Petersburg University: Mathematics, 2016, 49, 277-283.	0.4	1
10	Computer simulation of the cornea-scleral shell as applied to pressure-volume relationship in the human eye. , 2014, , .		0
11	Sensitivity analysis of mathematical models of the IOP changes. , 2015, , .		0
12	Application of shell theories for simulation of intraocular pressure changes after injection. AIP Conference Proceedings, 2015, , .	0.4	0
13	ASYMPTOTIC ANALYSIS OF DEFORMATIONS OF THE SLIGHTLY ORTHOTROPIC SPHERICAL LAYER UNDER NORMAL PRESSURE. , 2016, , .		0