Dmitriy Vokov-Bogorodsky

List of Publications by Year
in descending order

11	136	1684188 5	1281871 11
papers	citations	h-index	g-index

11	11	11	112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Design of the corrugated-core sandwich panel for the arctic rescue vehicle. Composite Structures, 2017, 160, 1007-1019.	5.8	34
2	Multiscale modelling of aluminium-based metalâ€“matrix composites with oxide nanoinclusions. Computational Materials Science, 2016, 116, 62-73.	3.0	33
3	Modeling the effective mechanical properties of â€œfuzzy fiberâ€•composites across scales length. Composites Part B: Engineering, 2018, 142, 24-35.	12.0	17
4	Bending problems in the theory of elastic materials with voids and surface effects. Mathematics and Mechanics of Solids, 2018, 23, 787-804.	2.4	16
5	Radial multipliers in solutions of the Helmholtz equations. Integral Transforms and Special Functions, 2019, 30, 254-263.	1.2	16
6	A New Approach to Non-Singular Plane Cracks Theory in Gradient Elasticity. Mathematical and Computational Applications, 2019, 24, 93.	1.3	5
7	METHOD OF ASYMPTOTIC HOMOGENIZATION OF THERMOVISCOELASTICITY EQUATIONS IN PARAMETRIC SPACE: PART I (THEORETICAL). Composites: Mechanics, Computations, Applications, 2018, 9, 331-343.	0.3	4
8	Scale effects in tribological properties of solid-lubricating composites made of ultra-high molecular weight polyethylene filled with calcium stearate particles. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012035.	0.6	3
9	DO NANOSIZED RODS HAVE ABNORMAL MECHANICAL PROPERTIES? ON SOME FALLACIOUS IDEAS AND DIRECT ERRORS RELATED TO THE USE OF THE GRADIENT THEORIES FOR SIMULATION OF SCALE-DEPENDENT RODS. International Journal of Nanomechanics Science and Technology, 2016, 7, 261-295.	0.5	3
10	MODELING THE EFFECTIVE DYNAMIC PROPERTIES OF FIBER COMPOSITES MODIFIED ACROSS LENGTH SCALES. Nanoscience and Technology, 2018, 9, 117-138.	1.8	3
11	Analytical Solution of Stationary Coupled Thermoelasticity Problem for Inhomogeneous Structures. Mathematics, 2022, 10, 90.	2.2	2