Yurij Maksimyuk

List of Publications by Year
in descending order

16	14	2682572	2272923
papers	citations	2	4
		h-index	g-index

16	16	16	5
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solving linear and nonlinear three-dimensional problems of fracture mechanics by a semi-analytic finite element method. Part 1. Theoretical background and a study of efficiency of fem procedure for solving three-dimensional problems of fracture mechanics. Strength of Materials, 2011, 43, 15.	0.5	5
2	Solving linear and nonlinear three-dimensional problems of fracture mechanics by a semi-analytic finite element method. Part 2. A procedure for computing the invariant J-integral in fem discrete models. Strength of Materials, 2011, 43, 122-133.	0.5	5
3	A Modified Method for Evaluating the Invariant J-Integral in Finite-Element Models of Prismatic Bodies. International Applied Mechanics, 2016, 52, 140-146.	0.6	2
4	Determination of crack resistance of a tank with elliptical crack. OpÃ¬r MaterÃ¬alÃ¬v Ã¬ TeorÃ¬Ã¢ Sporud, 2021, , 14-21.	0.1	1
5	Stress-deformed state and form-changing of massive and thin-walled objects. OpÃ¬r MaterÃ¬alÃ¬v Ã¬ TeorÃ¬Ã¢ Sporud, 2019, .	0.1	1
6	Ð"ÐžÐ¡Ð›Ð†Ð"Ð—Ð•ÐÐÐ¯ ÐÐ•Ð›Ð†ÐÐ†Ð™ÐÐžÐ"Ðž Ð"Ð•Ð¤ÐžÐ ÐœÐ£Ð'ÐÐÐÐ¯ Ð¡ÐšÐ›Ð"Ð•ÐÐ"Ð¥ ÐžÐ'Ð¾Ð›ÐžÐ½ÐžÐº ÐžÐ'Ð•Ð¢Ð¢Ð		
7	Finite element moment diagram of solvation of thermoplastic elastic deformation problems. Building Constructions Theory and Practice, 2019, 1, 10-20.	0.0	0
8	Original equations of a geometrically nonlinear dynamic problem of essential deformation for axisymmetric and flat bodies. OpÃ¬r MaterÃ¬alÃ¬v Ã¬ TeorÃ¬Ã¢ Sporud, 2019, .	0.1	0
9	Determination of crack resistance of a steam turbine rotor under the volume forces action. OpÃ¬r MaterÃ¬alÃ¬v Ã¬ TeorÃ¬Ã¢ Sporud, 2019, .	0.1	0
10	UNIVERSAL PRISMATIC FINITE ELEMENT OF GENERAL TYPE FOR PHYSI-CALLY AND GEOMETRICALLY NONLINEAR PROBLEMS OF DEFOR-MATION OF PRISMATIC BODIES. Building Constructions Theory and Practice, 2020, .	0.0	0
11	Features of derivation of formulas for calculation of nodal reactions and coefficients of matrix of rigidity of a finite element with averaged mechanical and geometrical parameters. Building Constructions Theory and Practice, 2021, , 97-108.	0.0	0
12	Semi-analytical method of finished elements in elastic and elastic-plastic position for curviline prismatic objects. OpÃ¬r MaterÃ¬alÃ¬v Ã¬ TeorÃ¬Ã¢ Sporud, 2020, , 24-32.	0.1	0
13	CONSTRUCTION OF SOLVING EQUATIONS OF SEMI-ANALYTICAL METHOD OF FINISHED ELEMENTS FOR PRISMATIC BODIES OF COMPLEX SHAPE. Management of Development of Complex Systems, 2021, , 55-62.	0.1	0
14	Reliability of results obtained by semi-analytical finite element method for prismatic bodies with variable physical and geometric parameters. OpÃ¬r MaterÃ¬alÃ¬v Ã¬ TeorÃ¬Ã¢ Sporud, 2021, , 184-192.	0.1	0
15	NODAL REACTIONS AND COEFFICIENTS OF THE STIFFNESS MATRIX OF A FINITE ELEMENT BASED ON THE REPRESENTATION OF DISPLACEMENTS BY POLYNOMIALS. Building Constructions Theory and Practice, 2022, , 54-62.	0.0	0
16	SYSTEMS OF COORDINATE FUNCTIONS DURING THE DECOMPOSITION OF DISPLACEMENTS BY POLYNOMIALS. Building Constructions Theory and Practice, 2022, , 150-157.	0.0	0