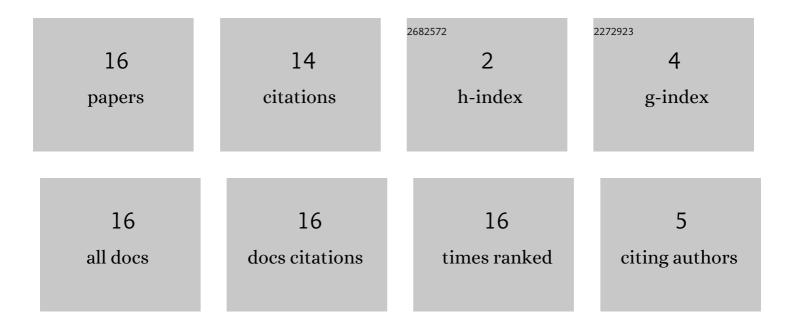
Yurij Maksimyuk

List of Publications by Year in descending order

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#	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. Opìr Materìalìv ì Teorìâ Sporud, 2021 , 14-21.	" 0.1	1
5	Stress-deformed state and form-changing of massive and thin-walled objects. Opìr Materìalìv ì Teorìâ Sporud, 2019, .	0.1	1
6	ДОĐįЛІДЖЕĐĐĐ⁻ ĐЕЛІĐІЙĐОГО ДЕĐ Đ žĐĐœĐ£Đ'ĐĐĐĐ⁻ ĐịКЛĐДЕĐĐ⁻Đ¥ ОБОЛĐ	ıž DDž Đš	ОÐʻÐ∙ÐТÐ
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. Opìr Materìalìv ì Teorìâ Sporud, 2019, .	0.1	0
9	Determination of crack resistance of a steam turbine rotor under the volume forces action. Opìr Materìalìv ì Teorìâ 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. OpA¬r MaterA¬alA¬v A¬ TeorA¬A¢ 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. Opìr Materìalìv ì Teorìâ 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