Aleksandar BorkoviÄ‡

List of Publications by Year
in descending order

26 papers	199 citations	1163117 8 h-index	1125743 13 g-index
27 all docs	**27** docs citations	**27** times ranked	**117** citing authors

#	Article	IF	Citations
1	Geometrically exact static isogeometric analysis of arbitrarily curved plane Bernoulli–Euler beam. Thin-Walled Structures, 2022, 170, 108539.	5.3	7
2	Geometrically exact static isogeometric analysis of an arbitrarily curved spatial Bernoulli–Euler beam. Computer Methods in Applied Mechanics and Engineering, 2022, 390, 114447.	6.6	9
3	Nonlinear static isogeometric analysis of arbitrarily curved Kirchhoff-Love shells. International Journal of Mechanical Sciences, 2021, 192, 106143.	6.7	13
4	A New Class of Plane Curves with Arc Length Parametrization and Its Application to Linear Analysis of Curved Beams. Mathematics, 2021, 9, 1778.	2.2	1
5	On the analytical approach to the linear analysis of an arbitrarily curved spatial Bernoulli–Euler beam. Applied Mathematical Modelling, 2020, 77, 1603-1624.	4.2	9
6	Dynamic multi-patch isogeometric analysis of planar Euler–Bernoulli beams. Computer Methods in Applied Mechanics and Engineering, 2020, 372, 113435.	6.6	15
7	Free vibration analysis of singly curved shells using the isogeometric finite strip method. Thin-Walled Structures, 2020, 157, 107125.	5.3	15
8	Rotation-free isogeometric dynamic analysis of an arbitrarily curved plane Bernoulli-Euler beam. Engineering Structures, 2019, 181, 192-215.	5.3	14
9	Rotation-free isogeometric analysis of an arbitrarily curved plane Bernoulli–Euler beam. Computer Methods in Applied Mechanics and Engineering, 2018, 334, 238-267.	6.6	44
10	Linear static isogeometric analysis of an arbitrarily curved spatial Bernoulli–Euler beam. Computer Methods in Applied Mechanics and Engineering, 2018, 341, 360-396.	6.6	36
11	Some aspects of analysis of transverse free vibrations of uniform beams loaded with axial force. Građevinski Materijali I Konstrukcije, 2018, 61, 35-55.	0.4	0
12	SOME NUMERICAL ASPECTS OF A LINEAR STATIC ISOGEOMETRIC ANALYSIS OF AN ARBITRARILY CURVED PLANE BERNOULLI-EULER BEAM. , 2018, 13, .	0.0	0
13	Geometric nonlinear analysis of prismatic shells using the semi-analytical finite strip method. Thin-Walled Structures, 2017, 117, 63-88.	5.3	13
14	Experimental and numerical identification of structural modes for engineering education. Facta Universitatis - Series Architecture and Civil Engineering, 2014, 12, 161-172.	0.2	0
15	Dynamical analysis of stiffened plates using the compound strip method. Engineering Structures, 2013, 50, 56-67.	5.3	17
16	Large displacement stability analysis of thin plate structures: Scope of MPI/OpenMP parallelization in harmonic coupled finite strip analysis. Advances in Engineering Software, 2013, 66, 40-51.	3.8	3
17	Razvoj dvoosnog pobuđivača harmonijskih vibracija. Agg+, 2013, 1, .	0.2	0
18	Buckling Analysis of Stiffened Thin-walled Sections under General Loading Conditions using the Compound Strip Method. , 0, , .		1

#	Article	IF	Citations
19	Geometric Nonlinear Analysis of Stiffened Prismatic Shell Structures using the Compound Strip Method. , 0, , .		1
20	ANALYSIS OF SNAP BEHAVIOUR OF SHALLOW CYLINDRICAL SHELLS USING THE FINITE STRIP METHOD. Archives for Technical Sciences, 0, , .	0.1	0
21	Rheological-Dynamical Theory of Vibrations of Multi-Degree-of-Freedom Structures: Design of Viscoelastoplastic Dampers. , 0, , .		0
22	The Harmonic Coupled Finite Strip Method Applied to Geometric Nonlinear Analysis of Reinforced Concrete Folded Plate Structures. , 0, , .		0
23	A Finite-Strip Analysis of Nonlinear Shear-Lag Effect Supported by Automatic Visualization. , 0, , .		0
24	MPI/OpenMP Parallelisation of the Harmonic Coupled Finite-Strip Method. , 0, , .		0
25	Large Displacement Stability Analysis of Columns using the Harmonic Coupled Finite-Strip Method. , 0, , .		0
26	Rheological-Dynamical Limit Analysis of Reinforced Concrete Folded Plate Structures using the Harmonic Coupled Finite-Strip Method. , 0, , .		1