

Duy Vo

List of Publications by Year in descending order

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13
papers

123
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1307594

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1281871

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citing authors

#	ARTICLE	IF	CITATIONS
1	Geometrically nonlinear multi-patch isogeometric analysis of planar curved Euler-Bernoulli beams. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 366, 113078.	6.6	21
2	Geometrically nonlinear multi-patch isogeometric analysis of spatial Euler-Bernoulli beam structures. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021, 380, 113808.	6.6	18
3	A total Lagrangian Timoshenko beam formulation for geometrically nonlinear isogeometric analysis of planar curved beams. <i>Acta Mechanica</i> , 2020, 231, 2827-2847.	2.1	17
4	Dynamic multi-patch isogeometric analysis of planar Euler-Bernoulli beams. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 372, 113435.	6.6	15
5	A total Lagrangian Timoshenko beam formulation for geometrically nonlinear isogeometric analysis of spatial beam structures. <i>Acta Mechanica</i> , 2020, 231, 3673-3701.	2.1	14
6	Spatial arbitrarily curved microbeams with the modified couple stress theory: Formulation of equations of motion. <i>European Journal of Mechanics, A/Solids</i> , 2022, 92, 104475.	3.7	9
7	An efficient isogeometric beam formulation for analysis of 2D non-prismatic beams. <i>European Journal of Mechanics, A/Solids</i> , 2021, 89, 104280.	3.7	8
8	Effective out-of-plane rigidities of 2D lattices with different unit cell topologies. <i>Archive of Applied Mechanics</i> , 2019, 89, 1837-1860.	2.2	7
9	Effects of Shear Deformation of Struts in Hexagonal Lattices on their Effective In-Plane Material Properties. <i>Materials Science Forum</i> , 0, 1034, 193-198.	0.3	5
10	Strain-gradient theory for shear deformation free-form microshells: Governing equations of motion and general boundary conditions. <i>International Journal of Solids and Structures</i> , 2022, , 111579.	2.7	5
11	A 2D field-consistent beam element for large displacement analysis using a rational B-splines representation with varying weights. <i>Applied Mathematical Modelling</i> , 2022, 104, 806-825.	4.2	2
12	On invariance of spatial isogeometric Timoshenko-Ehrenfest beam formulations for static analysis. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2022, 394, 114883.	6.6	2
13	Multi-patch Geometrically Nonlinear Isogeometric Analysis of Spatial Beams with Additive Rotation Updates. <i>Lecture Notes in Civil Engineering</i> , 2020, , 1129-1136.	0.4	0