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List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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759233

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26
all docs

26
docs citations

26
times ranked

264
citing authors

#	ARTICLE	IF	CITATIONS
1	Buckling analysis of layered composite beams with interlayer slip: A force-based finite element formulation. <i>Structures</i> , 2020, 25, 542-553.	3.6	5
2	On the observability of the pseudo-Rayleigh waves on submerged cylindrical shells. <i>Journal of Fluids and Structures</i> , 2017, 69, 108-120.	3.4	3
3	Semi-analytical technique for isolating the pseudo-Rayleigh component of the field induced by a transiently responding submerged cylindrical shell. <i>Journal of Fluids and Structures</i> , 2016, 65, 21-29.	3.4	3
4	A novel updated Lagrangian complementary energy-based formulation for the elastica problem: force-based finite element model. <i>Acta Mechanica</i> , 2015, 226, 1133-1151.	2.1	4
5	Finite Element Modelling of 2D Brittle Fracture: The Phase-Field Approach. <i>Engineering Materials</i> , 2015, , 1-21.	0.6	0
6	A family of Piola-Kirchhoff hybrid stress finite elements for two-dimensional linear elasticity. <i>Finite Elements in Analysis and Design</i> , 2014, 85, 33-49.	3.2	13
7	Hybrid equilibrium finite element formulation for composite beams with partial interaction. <i>Composite Structures</i> , 2014, 108, 646-656.	5.8	15
8	Transient radiation by a submerged fluid-filled cylindrical shell. <i>Journal of Fluids and Structures</i> , 2014, 50, 79-104.	3.4	10
9	Numerical fatigue life assessment of cardiovascular stents: A two-scale plasticity-damage model. <i>Journal of Physics: Conference Series</i> , 2013, 451, 012031.	0.4	2
10	Non-stationary radiation by a cylindrical shell: Numerical modeling using the Reissner-Mindlin theory. <i>Journal of Fluids and Structures</i> , 2013, 36, 50-69.	3.4	16
11	Efficient Semi-Analytical Methodology for the Pre-Design Analysis of the Shock Response of Marine Structures. , 2013, , .		0
12	A complementary-energy based criterion for the stability analysis of geometrically exact framed structures. <i>Computers and Structures</i> , 2012, 106-107, 196-203.	4.4	1
13	Fatigue life assessment of cardiovascular balloon-expandable stents: A two-scale plasticity-damage model approach. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2012, 15, 78-92.	3.1	36
14	Variationally consistent force-based finite element method for the geometrically non-linear analysis of Euler-Bernoulli framed structures. <i>Finite Elements in Analysis and Design</i> , 2012, 53, 24-36.	3.2	12
15	Generalization of the twist-Kirchhoff theory of plate elements to arbitrary quadrilaterals and assessment of convergence. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2012, 209-212, 101-114.	6.6	7
16	Canonical dual finite element method for solving post-buckling problems of a large deformation elastic beam. <i>International Journal of Non-Linear Mechanics</i> , 2012, 47, 240-247.	2.6	34
17	B-spline goal-oriented error estimators for geometrically nonlinear rods. <i>Computational Mechanics</i> , 2012, 49, 35-52.	4.0	19
18	A hybrid-mixed finite element formulation for the geometrically exact analysis of three-dimensional framed structures. <i>Computational Mechanics</i> , 2011, 48, 591-613.	4.0	35

#	ARTICLE	IF	CITATIONS
19	Complementary-Energy Methods for Geometrically Non-linear Structural Models: An Overview and Recent Developments in the Analysis of Frames. Archives of Computational Methods in Engineering, 2011, 18, 405-440.	10.2	24
20	Dual extremum principles for geometrically exact finite strain beams. International Journal of Non-Linear Mechanics, 2011, 46, 151-158.	2.6	7
21	On a pure complementary energy principle and a force-based finite element formulation for non-linear elastic cables. International Journal of Non-Linear Mechanics, 2011, 46, 395-406.	2.6	29
22	Hybrid and multi-field variational principles for geometrically exact three-dimensional beams. International Journal of Non-Linear Mechanics, 2010, 45, 809-820.	2.6	27
23	Equilibrium-Based Finite-Element Formulation for the Geometrically Exact Analysis of Planar Framed Structures. Journal of Engineering Mechanics - ASCE, 2010, 136, 1474-1490.	2.9	23
24	Guaranteed energy error bounds for the Poisson equation using a flux-free approach: Solving the local problems in subdomains. International Journal for Numerical Methods in Engineering, 2009, 79, 1203-1244.	2.8	28
25	A Dual Energy Criterion for the Stability Analysis of Geometrically Exact Three-Dimensional Frames. , 0, , .		1