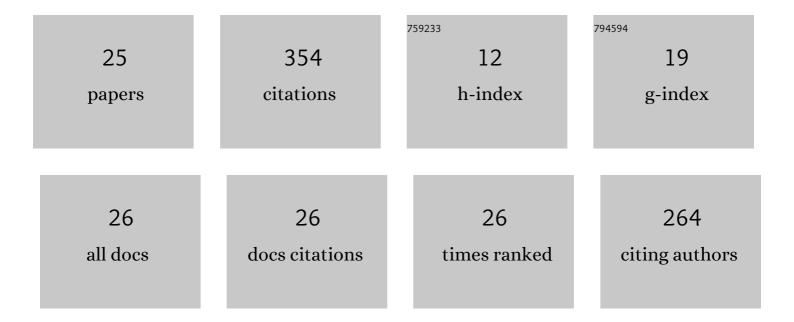
Hugo Alexandre Freixial Argente dos Sa

List of Publications by Year in descending order

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HUGO ALEXANDRE FREIXIAL

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Buckling analysis of layered composite beams with interlayer slip: A force-based finite element formulation. Structures, 2020, 25, 542-553. | 3.6 | 5 |
| 2 | On the observability of the pseudo-Rayleigh waves on submerged cylindrical shells. Journal of Fluids and Structures, 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. Journal of Fluids and Structures, 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. Acta Mechanica, 2015, 226, 1133-1151. | 2.1 | 4 |
| 5 | Finite Element Modelling of 2D Brittle Fracture: The Phase-Field Approach. Engineering Materials, 2015, , 1-21. | 0.6 | Ο |
| 6 | A family of Piola–Kirchhoff hybrid stress finite elements for two-dimensional linear elasticity. Finite Elements in Analysis and Design, 2014, 85, 33-49. | 3.2 | 13 |
| 7 | Hybrid equilibrium finite element formulation for composite beams with partial interaction. Composite Structures, 2014, 108, 646-656. | 5.8 | 15 |
| 8 | Transient radiation by a submerged fluid-filled cylindrical shell. Journal of Fluids and Structures, 2014, 50, 79-104. | 3.4 | 10 |
| 9 | Numerical fatigue life assessment of cardiovascular stents: A two-scale plasticity-damage model. Journal of Physics: Conference Series, 2013, 451, 012031. | 0.4 | 2 |
| 10 | Non-stationary radiation by a cylindrical shell: Numerical modeling using the Reissner–Mindlin theory. Journal of Fluids and Structures, 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, , . | | Ο |
| 12 | A complementary-energy based criterion for the stability analysis of geometrically exact framed structures. Computers and Structures, 2012, 106-107, 196-203. | 4.4 | 1 |
| 13 | Fatigue life assessment of cardiovascular balloon-expandable stents: A two-scale plasticity–damage model approach. Journal of the Mechanical Behavior of Biomedical Materials, 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. Finite Elements in Analysis and Design, 2012, 53, 24-36. | 3.2 | 12 |
| 15 | Generalization of the twist-Kirchhoff theory of plate elements to arbitrary quadrilaterals and assessment of convergence. Computer Methods in Applied Mechanics and Engineering, 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. International Journal of Non-Linear Mechanics, 2012, 47, 240-247. | 2.6 | 34 |
| 17 | B-spline goal-oriented error estimators for geometrically nonlinear rods. Computational Mechanics, 2012, 49, 35-52. | 4.0 | 19 |
| 18 | A hybrid-mixed finite element formulation for the geometrically exact analysis of three-dimensional framed structures. Computational Mechanics, 2011, 48, 591-613. | 4.0 | 35 |

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| # | 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 fluxâ€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 |