

Miguel Cervera

List of Publications by Year in descending order

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130
papers

6,454
citations

43973

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74018

75
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137
all docs

137
docs citations

137
times ranked

3787
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Structural Analysis of Masonry Historical Constructions. Classical and Advanced Approaches. Archives of Computational Methods in Engineering, 2010, 17, 299-325. | 6.0 | 473 |
| 2 | A strain-based plastic viscous-damage model for massive concrete structures. International Journal of Solids and Structures, 1998, 35, 1533-1558. | 1.3 | 377 |
| 3 | Strong discontinuities and continuum plasticity models: the strong discontinuity approach. International Journal of Plasticity, 1999, 15, 319-351. | 4.1 | 193 |
| 4 | Finite element modeling of multi-pass welding and shaped metal deposition processes. Computer Methods in Applied Mechanics and Engineering, 2010, 199, 2343-2359. | 3.4 | 171 |
| 5 | Thermo-Chemo-Mechanical Model for Concrete. I: Hydration and Aging. Journal of Engineering Mechanics - ASCE, 1999, 125, 1018-1027. | 1.6 | 157 |
| 6 | Non-random dispersal in the butterfly <i>Maniola jurtina</i> : implications for metapopulation models. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1505-1510. | 1.2 | 156 |
| 7 | Numerical prediction of temperature and density distributions in selective laser sintering processes. Rapid Prototyping Journal, 1999, 5, 21-26. | 1.6 | 141 |
| 8 | Seismic evaluation of concrete dams via continuum damage models. Earthquake Engineering and Structural Dynamics, 1995, 24, 1225-1245. | 2.5 | 134 |
| 9 | A RATE-DEPENDENT ISOTROPIC DAMAGE MODEL FOR THE SEISMIC ANALYSIS OF CONCRETE DAMS. Earthquake Engineering and Structural Dynamics, 1996, 25, 987-1010. | 2.5 | 122 |
| 10 | Smearred crack approach: back to the original track. International Journal for Numerical and Analytical Methods in Geomechanics, 2006, 30, 1173-1199. | 1.7 | 122 |
| 11 | An orthotropic damage model for the analysis of masonry structures. Construction and Building Materials, 2013, 41, 957-967. | 3.2 | 120 |
| 12 | Residual stress and distortion of rectangular and S-shaped Ti-6Al-4V parts by Directed Energy Deposition: Modelling and experimental calibration. Additive Manufacturing, 2019, 26, 166-179. | 1.7 | 120 |
| 13 | Numerical modeling of friction stir welding processes. Computer Methods in Applied Mechanics and Engineering, 2013, 254, 353-369. | 3.4 | 106 |
| 14 | Mixed stabilized finite element methods in nonlinear solid mechanics. Computer Methods in Applied Mechanics and Engineering, 2010, 199, 2559-2570. | 3.4 | 105 |
| 15 | Numerical modelling of concrete curing, regarding hydration and temperature phenomena. Computers and Structures, 2002, 80, 1511-1521. | 2.4 | 104 |
| 16 | Continuum damage model for orthotropic materials: Application to masonry. Computer Methods in Applied Mechanics and Engineering, 2011, 200, 917-930. | 3.4 | 98 |
| 17 | Numerical modelling and experimental validation in Selective Laser Melting. Additive Manufacturing, 2017, 18, 171-185. | 1.7 | 98 |
| 18 | Mixed stabilized finite element methods in nonlinear solid mechanics. Computer Methods in Applied Mechanics and Engineering, 2010, 199, 2571-2589. | 3.4 | 95 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A stabilized formulation for incompressible elasticity using linear displacement and pressure interpolations. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2002, 191, 5253-5264. | 3.4 | 93 |
| 20 | Numerical simulation and experimental calibration of additive manufacturing by blown powder technology. Part I: thermal analysis. <i>Rapid Prototyping Journal</i> , 2017, 23, 448-463. | 1.6 | 88 |
| 21 | A finite volume format for structural mechanics. <i>International Journal for Numerical Methods in Engineering</i> , 1994, 37, 181-201. | 1.5 | 87 |
| 22 | Mixed linear/linear simplicial elements for incompressible elasticity and plasticity. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2003, 192, 5249-5263. | 3.4 | 85 |
| 23 | Mesh objective tensile cracking via a local continuum damage model and a crack tracking technique. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2006, 196, 304-320. | 3.4 | 84 |
| 24 | Finite element analysis and experimental validation of the thermomechanical behavior in laser solid forming of Ti-6Al-4V. <i>Additive Manufacturing</i> , 2018, 21, 30-40. | 1.7 | 81 |
| 25 | On the computational efficiency and implementation of block-iterative algorithms for nonlinear coupled problems. <i>Engineering Computations</i> , 1996, 13, 4-30. | 0.7 | 80 |
| 26 | The intrinsic time for the streamline upwind/Petrov-Galerkin formulation using quadratic elements. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1992, 94, 239-262. | 3.4 | 79 |
| 27 | Continuum FE models for the analysis of Mallorca Cathedral. <i>Engineering Structures</i> , 2013, 46, 653-670. | 2.6 | 79 |
| 28 | A crack-tracking technique for localized damage in quasi-brittle materials. <i>Engineering Fracture Mechanics</i> , 2010, 77, 2431-2450. | 2.0 | 74 |
| 29 | Numerical modeling of the electron beam welding and its experimental validation. <i>Finite Elements in Analysis and Design</i> , 2016, 121, 118-133. | 1.7 | 72 |
| 30 | Enhanced friction model for Friction Stir Welding (FSW) analysis: Simulation and experimental validation. <i>International Journal of Mechanical Sciences</i> , 2017, 133, 555-567. | 3.6 | 72 |
| 31 | Thermo-Chemo-Mechanical Model for Concrete. II: Damage and Creep. <i>Journal of Engineering Mechanics - ASCE</i> , 1999, 125, 1028-1039. | 1.6 | 69 |
| 32 | DERIVATION OF THIN PLATE BENDING ELEMENTS WITH ONE DEGREE OF FREEDOM PER NODE: A SIMPLE THREE NODE TRIANGLE. <i>Engineering Computations</i> , 1993, 10, 543-561. | 0.7 | 68 |
| 33 | A fast and accurate two-stage strategy to evaluate the effect of the pin tool profile on metal flow, torque and forces in friction stir welding. <i>International Journal of Mechanical Sciences</i> , 2017, 122, 215-227. | 3.6 | 65 |
| 34 | Defect formation and material flow in Friction Stir Welding. <i>European Journal of Mechanics, A/Solids</i> , 2020, 80, 103912. | 2.1 | 64 |
| 35 | A stabilized formulation for incompressible plasticity using linear triangles and tetrahedra. <i>International Journal of Plasticity</i> , 2004, 20, 1487-1504. | 4.1 | 62 |
| 36 | An apropos kinematic framework for the numerical modeling of friction stir welding. <i>Computers and Structures</i> , 2013, 117, 48-57. | 2.4 | 62 |

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|----|--|------|-----------|
| 37 | In situ measurements and thermo-mechanical simulation of TiAl4V laser solid forming processes. International Journal of Mechanical Sciences, 2019, 153-154, 119-130. | 3.6 | 62 |
| 38 | On the formulation of coupled thermoplastic problems with phase-change. International Journal of Plasticity, 1999, 15, 1-34. | 4.1 | 60 |
| 39 | Antibiotic Prevention of Acute Exacerbations of COPD. New England Journal of Medicine, 2012, 367, 340-347. | 13.9 | 59 |
| 40 | Mixed stabilized finite element methods in nonlinear solid mechanics. Part III: Compressible and incompressible plasticity. Computer Methods in Applied Mechanics and Engineering, 2015, 285, 752-775. | 3.4 | 58 |
| 41 | Numerical analysis of stereolithography processes using the finite element method. Rapid Prototyping Journal, 1995, 1, 13-23. | 1.6 | 57 |
| 42 | A novel positive/negative projection in energy norm for the damage modeling of quasi-brittle solids. International Journal of Solids and Structures, 2018, 139-140, 250-269. | 1.3 | 57 |
| 43 | Effect of the Tool Tilt Angle on the Heat Generation and the Material Flow in Friction Stir Welding. Metals, 2019, 9, 28. | 1.0 | 56 |
| 44 | Shear band localization via local J2 continuum damage mechanics. Computer Methods in Applied Mechanics and Engineering, 2004, 193, 849-880. | 3.4 | 52 |
| 45 | Modeling of Microstructure Evolution of Ti6Al4V for Additive Manufacturing. Metals, 2018, 8, 633. | 1.0 | 52 |
| 46 | Nonlinear analysis of reinforced concrete plate and shell structures using 20-noded isoparametric brick elements. Computers and Structures, 1987, 25, 845-869. | 2.4 | 51 |
| 47 | Challenges in Thermo-mechanical Analysis of Friction Stir Welding Processes. Archives of Computational Methods in Engineering, 2017, 24, 189-225. | 6.0 | 51 |
| 48 | Mesh objective modeling of cracks using continuous linear strain and displacement interpolations. International Journal for Numerical Methods in Engineering, 2011, 87, 962-987. | 1.5 | 50 |
| 49 | On the orthogonal subgrid scale pressure stabilization of finite deformation J2 plasticity. Computer Methods in Applied Mechanics and Engineering, 2006, 195, 1224-1251. | 3.4 | 47 |
| 50 | Material flow visualization in Friction Stir Welding via particle tracing. International Journal of Material Forming, 2015, 8, 167-181. | 0.9 | 42 |
| 51 | Thermo-mechanical analysis of industrial solidification processes. International Journal for Numerical Methods in Engineering, 1999, 46, 1575-1591. | 1.5 | 41 |
| 52 | Simulation of Construction of RCC Dams. I: Temperature and Aging. Journal of Structural Engineering, 2000, 126, 1053-1061. | 1.7 | 41 |
| 53 | On the equivalence between traction- and stress-based approaches for the modeling of localized failure in solids. Journal of the Mechanics and Physics of Solids, 2015, 82, 137-163. | 2.3 | 39 |
| 54 | Finite element modelling of internal and multiple localized cracks. Computational Mechanics, 2017, 59, 299-316. | 2.2 | 39 |

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|----|---|-----|-----------|
| 55 | Substrate design to minimize residual stresses in Directed Energy Deposition AM processes. <i>Materials and Design</i> , 2021, 202, 109525. | 3.3 | 39 |
| 56 | A Comparative Review of XFEM, Mixed FEM and Phase-Field Models for Quasi-brittle Cracking. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 1009-1083. | 6.0 | 39 |
| 57 | Softening, localization and stabilization: capture of discontinuous solutions in J2 plasticity. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2004, 28, 373-393. | 1.7 | 37 |
| 58 | Size effect and localization in J2 plasticity. <i>International Journal of Solids and Structures</i> , 2009, 46, 3301-3312. | 1.3 | 36 |
| 59 | Comparison of a Fluid and a Solid Approach for the Numerical Simulation of Friction Stir Welding with a Non-Cylindrical Pin. <i>Steel Research International</i> , 2014, 85, 968-979. | 1.0 | 36 |
| 60 | A thermodynamically consistent plastic-damage framework for localized failure in quasi-brittle solids: Material model and strain localization analysis. <i>International Journal of Solids and Structures</i> , 2016, 88-89, 227-247. | 1.3 | 36 |
| 61 | Modeling Material Failure in Concrete Structures under Cyclic Actions. <i>Journal of Structural Engineering</i> , 2004, 130, 1997-2005. | 1.7 | 35 |
| 62 | A localized mapped damage model for orthotropic materials. <i>Engineering Fracture Mechanics</i> , 2014, 124-125, 196-216. | 2.0 | 35 |
| 63 | A crack-tracking technique for localized cohesive-frictional damage. <i>Engineering Fracture Mechanics</i> , 2015, 150, 96-114. | 2.0 | 32 |
| 64 | A mixed three-field FE formulation for stress accurate analysis including the incompressible limit. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2015, 283, 1095-1116. | 3.4 | 32 |
| 65 | Finite element modeling of quasi-brittle cracks in 2D and 3D with enhanced strain accuracy. <i>Computational Mechanics</i> , 2017, 60, 767-796. | 2.2 | 32 |
| 66 | An Enhanced Finite Element Macro-Model for the Realistic Simulation of Localized Cracks in Masonry Structures: A Large-Scale Application. <i>International Journal of Architectural Heritage</i> , 2018, 12, 432-447. | 1.7 | 31 |
| 67 | Computational Modeling and Sub-Grid Scale Stabilization of Incompressibility and Convection in the Numerical Simulation of Friction Stir Welding Processes. <i>Archives of Computational Methods in Engineering</i> , 2014, 21, 3-37. | 6.0 | 30 |
| 68 | On the constitutive modeling of coupled thermomechanical phase-change problems. <i>International Journal of Plasticity</i> , 2001, 17, 1565-1622. | 4.1 | 29 |
| 69 | On the conformity of strong, regularized, embedded and smeared discontinuity approaches for the modeling of localized failure in solids. <i>International Journal of Solids and Structures</i> , 2015, 71, 19-38. | 1.3 | 28 |
| 70 | Tracking multi-directional intersecting cracks in numerical modelling of masonry shear walls under cyclic loading. <i>Meccanica</i> , 2018, 53, 1757-1776. | 1.2 | 28 |
| 71 | Prediction of joint line remnant defect in friction stir welding. <i>International Journal of Mechanical Sciences</i> , 2019, 151, 61-69. | 3.6 | 27 |
| 72 | Challenges, Tools and Applications of Tracking Algorithms in the Numerical Modelling of Cracks in Concrete and Masonry Structures. <i>Archives of Computational Methods in Engineering</i> , 2019, 26, 961-1005. | 6.0 | 26 |

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| 73 | Explicit mixed strain-displacement finite element for dynamic geometrically non-linear solid mechanics. <i>Computational Mechanics</i> , 2015, 55, 543-559. | 2.2 | 25 |
| 74 | Out-of-plane seismic response and failure mechanism of masonry structures using finite elements with enhanced strain accuracy. <i>Engineering Failure Analysis</i> , 2019, 97, 534-555. | 1.8 | 25 |
| 75 | Numerical modelling of heat transfer and experimental validation in powder-bed fusion with the virtual domain approximation. <i>Finite Elements in Analysis and Design</i> , 2020, 168, 103343. | 1.7 | 25 |
| 76 | Modelling of Bingham and Herschel-Bulkley flows with mixed P1/P1 finite elements stabilized with orthogonal subgrid scale. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2016, 228, 1-16. | 1.0 | 24 |
| 77 | Warpage Analysis and Control of Thin-Walled Structures Manufactured by Laser Powder Bed Fusion. <i>Metals</i> , 2021, 11, 686. | 1.0 | 24 |
| 78 | 3D numerical modelling of twisting cracks under bending and torsion of skew notched beams. <i>Engineering Fracture Mechanics</i> , 2017, 176, 235-256. | 2.0 | 23 |
| 79 | Structural size effect: Experimental, theoretical and accurate computational assessment. <i>Engineering Structures</i> , 2020, 213, 110555. | 2.6 | 23 |
| 80 | An adaptive Finite Element strategy for the numerical simulation of additive manufacturing processes. <i>Additive Manufacturing</i> , 2021, 37, 101650. | 1.7 | 23 |
| 81 | Simulation of Construction of RCC Dams. II: Stress and Damage. <i>Journal of Structural Engineering</i> , 2000, 126, 1062-1069. | 1.7 | 21 |
| 82 | Benchmarking on bifurcation and localization in J2 plasticity for plane stress and plane strain conditions. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2012, 241-244, 206-224. | 3.4 | 19 |
| 83 | Local-global strategy for the prediction of residual stresses in FSW processes. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 88, 3099-3111. | 1.5 | 19 |
| 84 | A smeared-embedded mesh-corrected damage model for tensile cracking. <i>International Journal for Numerical Methods in Engineering</i> , 2008, 76, 1930-1954. | 1.5 | 18 |
| 85 | An orthotropic mesh corrected crack model. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2008, 197, 1603-1619. | 3.4 | 18 |
| 86 | On the Numerical Modeling of the Thermomechanical Contact for Metal Casting Analysis. <i>Journal of Heat Transfer</i> , 2008, 130, . | 1.2 | 18 |
| 87 | Numerical Modelling of Microstructure Evolution in Friction Stir Welding (FSW). <i>Metals</i> , 2018, 8, 183. | 1.0 | 18 |
| 88 | Numerical and experimental analysis of the structural performance of AM components built by fused filament fabrication. <i>International Journal of Mechanics and Materials in Design</i> , 2021, 17, 225-244. | 1.7 | 18 |
| 89 | High-fidelity prediction of crack formation in 2D and 3D pullout tests. <i>Computers and Structures</i> , 2016, 172, 93-109. | 2.4 | 17 |
| 90 | Analysis of the Effect of Provisional Ties on the Construction and Current Deformation of Mallorca Cathedral. <i>International Journal of Architectural Heritage</i> , 2016, 10, 418-437. | 1.7 | 17 |

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| 91 | Simulation-assisted investigation on the formation of layer bands and the microstructural evolution in directed energy deposition of Ti6Al4V blocks. <i>Virtual and Physical Prototyping</i> , 2021, 16, 387-403. | 5.3 | 16 |
| 92 | A Computational Model for the Numerical Simulation of FSW Processes. , 2010, , . | | 15 |
| 93 | An Energy-Equivalent $d+/d\hat{\sim}$ Damage Model with Enhanced Microcrack Closure-Reopening Capabilities for Cohesive-Frictional Materials. <i>Materials</i> , 2017, 10, 433. | 1.3 | 15 |
| 94 | Modeling of the Effect of the Building Strategy on the Thermomechanical Response of Ti-6Al-4V Rectangular Parts Manufactured by Laser Directed Energy Deposition. <i>Metals</i> , 2020, 10, 1643. | 1.0 | 15 |
| 95 | Experimental, Computational, and Dimensional Analysis of the Mechanical Performance of Fused Filament Fabrication Parts. <i>Polymers</i> , 2021, 13, 1766. | 2.0 | 15 |
| 96 | Failure pressure evaluation of the containment building of a large dry nuclear power plant. <i>Nuclear Engineering and Design</i> , 1998, 180, 251-270. | 0.8 | 14 |
| 97 | Stress-accurate Mixed FEM for soil failure under shallow foundations involving strain localization in plasticity. <i>Computers and Geotechnics</i> , 2015, 64, 32-47. | 2.3 | 14 |
| 98 | Stress, strain and dissipation accurate 3-field formulation for inelastic isochoric deformation. <i>Finite Elements in Analysis and Design</i> , 2021, 192, 103534. | 1.7 | 13 |
| 99 | Experimental Validation of an FSW Model with an Enhanced Friction Law: Application to a Threaded Cylindrical Pin Tool. <i>Metals</i> , 2017, 7, 491. | 1.0 | 12 |
| 100 | Cracking of quasi-brittle structures under monotonic and cyclic loadings: A d/d damage model with stiffness recovery in shear. <i>International Journal of Solids and Structures</i> , 2018, 135, 148-171. | 1.3 | 12 |
| 101 | Numerical Simulation and Visualization of Material Flow in Friction Stir Welding via Particle Tracing. <i>Computational Methods in Applied Sciences (Springer)</i> , 2014, , 157-169. | 0.1 | 12 |
| 102 | Residual Stresses Control in Additive Manufacturing. <i>Journal of Manufacturing and Materials Processing</i> , 2021, 5, 138. | 1.0 | 12 |
| 103 | Strain Localization of Elastic-Damaging Frictional-Cohesive Materials: Analytical Results and Numerical Verification. <i>Materials</i> , 2017, 10, 434. | 1.3 | 11 |
| 104 | Mitigation of residual stresses and microstructure homogenization in directed energy deposition processes. <i>Engineering With Computers</i> , 2022, 38, 4771-4790. | 3.5 | 11 |
| 105 | A computational model for progressive cracking in large dams due to the swelling of concrete. <i>Engineering Fracture Mechanics</i> , 1990, 35, 573-585. | 2.0 | 10 |
| 106 | Explicit mixed strain- ϵ displacement finite elements for compressible and quasi-incompressible elasticity and plasticity. <i>Computational Mechanics</i> , 2016, 58, 511-532. | 2.2 | 9 |
| 107 | Appraisalment of planar, bending and twisting cracks in 3D with isotropic and orthotropic damage models. <i>International Journal of Fracture</i> , 2018, 210, 45-79. | 1.1 | 9 |
| 108 | Viscoelasticity and Damage Model for Creep Behavior of Historical Masonry Structures. <i>Open Civil Engineering Journal</i> , 2012, 6, 188-199. | 0.4 | 9 |

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|-----|--|-----|-----------|
| 109 | Strain localization analysis of Hill's orthotropic elastoplasticity: analytical results and numerical verification. <i>Computational Mechanics</i> , 2020, 65, 533-554. | 2.2 | 8 |
| 110 | A multi-criteria h-adaptive finite-element framework for industrial part-scale thermal analysis in additive manufacturing processes. <i>Engineering With Computers</i> , 2022, 38, 4791-4813. | 3.5 | 8 |
| 111 | 3D numerical models of FSW processes with non-cylindrical pin. <i>Advances in Materials and Processing Technologies</i> , 2015, 1, 275-287. | 0.8 | 7 |
| 112 | 3D numerical models using a fluid or a solid formulation of FSW processes with a non-cylindrical pin. <i>Advanced Modeling and Simulation in Engineering Sciences</i> , 2015, 2, . | 0.7 | 7 |
| 113 | Architecture of a multi-crack model with full closing, reopening and sliding capabilities. <i>Computational Mechanics</i> , 2020, 65, 1593-1620. | 2.2 | 6 |
| 114 | Computational characterization of polymeric materials 3D-printed via fused filament fabrication. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 1357-1367. | 1.5 | 6 |
| 115 | A penalty finite element method for non-Newtonian creeping flows. <i>International Journal for Numerical Methods in Engineering</i> , 1993, 36, 1395-1412. | 1.5 | 5 |
| 116 | Bond behavior and tensile properties of FRCM composites applied on masonry panels. , 2016, , 323-329. | | 5 |
| 117 | Accurate thermal-induced structural failure analysis under incompressible conditions. <i>Engineering Structures</i> , 2022, 261, 114213. | 2.6 | 5 |
| 118 | A novel stress-accurate FE technology for highly non-linear analysis with incompressibility constraint. Application to the numerical simulation of the FSW process. , 2013, , . | | 4 |
| 119 | Accurate and locking-free analysis of beams, plates and shells using solid elements. <i>Computational Mechanics</i> , 2021, 67, 883-914. | 2.2 | 4 |
| 120 | Strain Localization of Orthotropic Elastic-Plastic Cohesive-Frictional Materials: Analytical Results and Numerical Verification. <i>Materials</i> , 2021, 14, 2040. | 1.3 | 4 |
| 121 | Preconditioned conjugate gradient method for the non-linear finite element analysis with particular reference to 3D reinforced concrete structures. <i>Engineering Computations</i> , 1986, 3, 235-242. | 0.7 | 3 |
| 122 | Tracking of Localized Cracks in the Finite Element Analysis of Masonry Walls. <i>RILEM Bookseries</i> , 2019, , 919-928. | 0.2 | 3 |
| 123 | Modeling of spillage and debris floods as Newtonian and viscoplastic Bingham flows with free surface with mixed stabilized finite elements. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2021, 290, 104512. | 1.0 | 3 |
| 124 | A Phenomenological Model for the Solidification of Eutectic and Hypoeutectic Alloys Including Recalescence and Undercooling. <i>Journal of Heat Transfer</i> , 2018, 140, . | 1.2 | 2 |
| 125 | Lugares rurales versus espacios naturalizados. Conocimientos y reconocimientos en las Áreas patrimoniales de las Áreas protegidas. <i>AIBR Revista De Antropología Iberoamericana</i> , 2013, 08, 111-138. | 0.2 | 2 |
| 126 | On the mechanics of strain localization in plasticity: isotropic and orthotropic, elasto- and rigid-plastic, associated and non-associated models. <i>Acta Mechanica</i> , 2022, 233, 1513-1542. | 1.1 | 2 |

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|-----|---|-----|-----------|
| 127 | On site composites-to-masonry bond evaluation in presence of rising damp and salt crystallization. , 2016, , 365-372. | | 1 |
| 128 | Numerical analysis of the manufacturing processes of a mock-up of the ITER NHF First Wall Panel. Fusion Engineering and Design, 2018, 135, 65-73. | 1.0 | 1 |
| 129 | Current Developments on the Coupled Thermomechanical Computational Modeling of Metal Casting Processes. , 2006, , 247-247. | | 1 |
| 130 | Effect of pier-spandrel geometry on the in-plane response of masonry structures. , 2016, , 339-346. | | 1 |