* **Selected publications**
* **Selected on Journals**

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2. E. Puntel, DESERI L., E. Fried (2011). Wrinkling of a Stretched Thin Sheet. JOURNAL OF ELASTICITY, **105** 137-170, doi:10.1007/s10659-010-9290-5.
3. DESERI L. and Owen,, D. R. (2010). Submacroscopically Stable Equilibria of Elastic Bodies Undergoing Disarrangements and Dissipation, Mathematics and Mechanics of Solids, **15** (6) 611-638.
4. DESERI L., PICCIONI M. D.. AND G. ZURLO (2008). Derivation of a new free energy for biological membranes, Continuum Mechanics and Thermodynamics **20** (5), 255-273*.*
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6. DESERI L., GOLDEN M. J. AND M. FABRIZIO (2006). The Concept of a Minimal State in Viscoelasticity: New Free Energies and Applications to PDEs. Archive for Rational Mechanics and Analysis**181**, 43-96.
7. DESERI L., D. R. OWEN. (2003). Toward a field theory for elastic bodies undergoing disarrangements. JOURNAL OF ELASTICITY **70** (I), pp. 197-236.
8. DESERI L., D.R.OWEN. (2002). Energetics of Two-level Shears and Hardening of Single Crystals. MATHEMATICS AND MECHANICS OF SOLIDS **7**, 113-147.
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* **Preprints & submitted manuscripts**

1. DESERI L. AND ZURLO G., Line tension and bending rigidity of biomembranes are determined by their stretching elasticity, 12-CNA-016 Center for Nonlinear Analysis preprints series.
2. DAL CORSO F. AND DESERI L., Nonlocal micromechanics-based models for prestressed random elastic composites and first estimates of the representative volume element size, 12-CNA-018 Center for Nonlinear Analysis preprints series.

* **Selected on Proceedings**

1. Lunghi, L., Deseri, L., (2012) Strain gradient membrane effects during cyclic Adenosine Monophosphate Pathway in human trophoblast cells, Proceedings of the IGF Group of Fracture-Conference, in press
2. DESERI L., DRUGAN W. J. (2008). An exact micromechanics based nonlocal constitutive equation for random viscoelastic composites, Proceedings of the MDP 2007 Conference.
   * **Selected on Monographs**
3. DESERI L., MARCARI G. AND G. ZURLO (2012). Thermodynamics, Chapter 5, In: Continuum Mechanics, EOLSS-UNESCO Encyclopedia, G. Saccomandi and J. Merodio Editors. Invited paper.
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5. DESERI L. (2004). Crystalline plasticity and structured deformations. In Multiscale Modeling in Continuum Mechanics and Structured Deformations, Del Piero, G. and D. R. Owen editors, pp. 203-230, Springer New York, Wien.
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