

# List of Publications

## *In peer-reviewed scientific journals:*

1. [António F. Martins](#), Nigel Bennett, Sylvie Clavel, Herman Groenewald, Sean Hensman, Stefan Hoby, Antoine Joris, Paul Manger, and Michel C. Milinkovitch, “Locally-curved geometry generates bending cracks in the African elephant skin”, *Nat. Communications* 9 (3865), 2018. ([DOI](#))
2. [António F. Martins](#), Michel Bessant, Liana Manukyan, and Michel C. Milinkovitch, “R<sup>2</sup>OBBIE-3D, a Fast Robotic High-Resolution System for Quantitative Phenotyping of Surface Geometry and Colour-Texture”, *PLoS ONE* 10 (6), 2015. ([DOI](#))
3. Sophie A. Montandon, Athanasia C. Tzika, [António F. Martins](#), Bastien Chopard, and Michel C. Milinkovitch, “Two waves of anisotropic growth generate enlarged follicles in the spiny mouse”, *EvoDevo* 5 (33), 2014. ([DOI](#))
4. Orfeu Bertolami and [António F. Martins](#), “Dynamics of perfect fluids in nonminimally coupled gravity”, *Phys. Rev. D* 85 (024012), 2012. ([DOI](#))
5. J. P. Marques, [António F. Martins](#), P. Indelicato, C. I. Szabo, and F. Parente, “Analysis of X-ray spectra emitted from a laser-produced lead plasma”, *Eur. Phys. Journal D* 66:52, 2012. ([DOI](#))

## *In peer-reviewed conference proceedings:*

1. Liana Manukyan, [António F. Martins](#), Sophie A. Montandon, Michel Bessant, and Michel C. Milinkovitch, “A versatile high-resolution scanning system and its application to statistical analysis of lizards' skin colour time-evolution”, *Proceedings of SIGGRAPH '14* (78), 2014. ([link](#))

## *In preparation:*

1. [António F. Martins](#) and Jonas Latt, “Quantitative and qualitative analyses of a lattice model for the simulation of physical shells”.