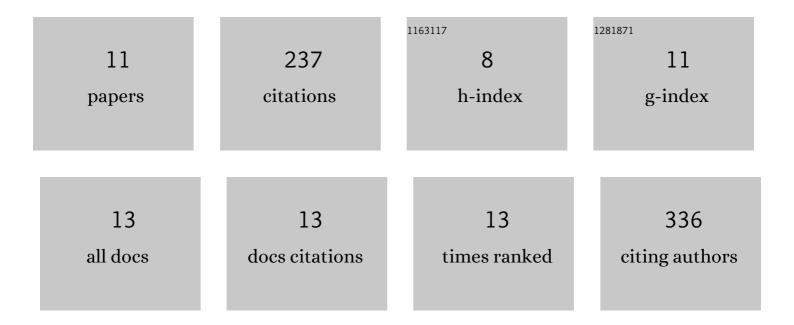
Stéphane Nicolle

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hybrid 3D mass-spring system for simulation of isotropic materials with any Poisson's ratio. Visual Computer, 2020, 36, 809-825. | 3.5 | 12 |
| 2 | Biomechanical characterization of ex vivo human brain using ultrasound shear wave spectroscopy. Ultrasonics, 2018, 84, 119-125. | 3.9 | 10 |
| 3 | New regime in the mechanical behavior of skin: strain-softening occurring before strain-hardening. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 69, 98-106. | 3.1 | 13 |
| 4 | Comparison of viscoelastic property characterization of plastisol phantoms with magnetic resonance elastography and high-frequency rheometry. , 2016, 2016, 1216-1219. | | 7 |
| 5 | Effect of two loading rates on the elasticity of the human anterior rectus sheath. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 20, 1-5. | 3.1 | 31 |
| 6 | Shear mechanical properties of the porcine pancreas: Experiment and analytical modelling. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 26, 90-97. | 3.1 | 15 |
| 7 | Study of the renal cortex by light scattering. Computer Methods in Biomechanics and Biomedical Engineering, 2012, 15, 113-115. | 1.6 | 0 |
| 8 | On the efficiency of attachment methods of biological soft tissues in shear experiments. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 14, 158-162. | 3.1 | 12 |
| 9 | Shear mechanical properties of the spleen: Experiment and analytical modelling. Journal of the Mechanical Behavior of Biomedical Materials, 2012, 9, 130-136. | 3.1 | 22 |
| 10 | A strain-hardening bi-power law for the nonlinear behaviour of biological soft tissues. Journal of Biomechanics, 2010, 43, 927-932. | 2.1 | 59 |
| 11 | Dehydration effect on the mechanical behaviour of biological soft tissues: Observations on kidney tissues Journal of the Mechanical Behavior of Biomedical Materials 2010 3 630-635 | 3.1 | 51 |