

Stéphane Nicolle

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

237
citations

1163117

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1281871

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13
all docs

13
docs citations

13
times ranked

336
citing authors

#	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