

Antonio Callejas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3926136/publications.pdf>

Version: 2024-02-01

16
papers

170
citations

1307366

7
h-index

1199470

12
g-index

17
all docs

17
docs citations

17
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental evidence of shear waves in fractional viscoelastic rheological models. Scientific Reports, 2022, 12, 7448.	1.6	5
2	Torsional wave elastography to assess the mechanical properties of the cornea. Scientific Reports, 2022, 12, 8354.	1.6	7
3	Damage Detection Using Ultrasonic Techniques in Concrete-Filled Steel Tubes (CFSTs) Columns. Sensors, 2022, 22, 4400.	2.1	6
4	Viscoelastic model characterization of human cervical tissue by torsional waves. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104261.	1.5	5
5	Experimental Evidence of Generation and Reception by a Transluminal Axisymmetric Shear Wave Elastography Prototype. Diagnostics, 2021, 11, 645.	1.3	3
6	Characterization of non-linear mechanical behavior of the cornea. Scientific Reports, 2020, 10, 11549.	1.6	15
7	Hyperelastic Ex Vivo Cervical Tissue Mechanical Characterization. Sensors, 2020, 20, 4362.	2.1	8
8	Viscoelastic Biomarkers of Ex Vivo Liver Samples via Torsional Wave Elastography. Diagnostics, 2020, 10, 111.	1.3	5
9	Why Are Viscosity and Nonlinearity Bound to Make an Impact in Clinical Elastographic Diagnosis?. Sensors, 2020, 20, 2379.	2.1	47
10	In Vivo Measurement of Cervical Elasticity on Pregnant Women by Torsional Wave Technique: A Preliminary Study. Sensors, 2019, 19, 3249.	2.1	12
11	Kelvin's Voigt Parameters Reconstruction of Cervical Tissue-Mimicking Phantoms Using Torsional Wave Elastography. Sensors, 2019, 19, 3281.	2.1	15
12	Histobiomechanical Remodeling of the Cervix during Pregnancy: Proposed Framework. Mathematical Problems in Engineering, 2019, 2019, 1-11.	0.6	8
13	Experimental Configuration to Determine the Nonlinear Parameter $\hat{\Gamma}^2$ in PMMA and CFRP with the Finite Amplitude Method. Sensors, 2019, 19, 1156.	2.1	1
14	Nonlinear torsional wave propagation in cylindrical coordinates to assess biomechanical parameters. Journal of Sound and Vibration, 2019, 445, 103-116.	2.1	4
15	Performance Study of a Torsional Wave Sensor and Cervical Tissue Characterization. Sensors, 2017, 17, 2078.	2.1	22
16	Torsion ultrasonic sensor for tissue mechanical characterization. , 2016, , .		2