

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