

Giorgia Fiori

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

65
citations

1937685

4
h-index

1720034

7
g-index

12
all docs

12
docs citations

12
times ranked

19
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Invasive Methods for PWV Measurement in Blood Vessel Stiffness Assessment. IEEE Reviews in Biomedical Engineering, 2022, 15, 169-183.	18.0	18
2	Comparative evaluation of three image analysis methods for angular displacement measurement in a MEMS microgripper prototype: a preliminary study. Acta IMEKO (2012), 2021, 10, 119.	0.7	8
3	A preliminary study on an image analysis based method for lowest detectable signal measurements in Pulsed Wave Doppler ultrasounds. Acta IMEKO (2012), 2021, 10, 126.	0.7	6
4	A novel Sensitivity Index from the Flow Velocity Variation in Quality Control for PW Doppler: a preliminary study. , 2021, , .		2
5	Doppler Flow phantom Stability Assessment through STFT Technique in Medical PW Doppler: a preliminary study. , 2021, , .		1
6	A preliminary study on the dynamic characterization of a MEMS microgripper for biomedical applications. , 2021, , .		5
7	A novel experimental set-up for Young Modulus Assessment through Transit Time measurements in Biomedical applications. , 2021, , .		5
8	A preliminary study on the Average Maximum Velocity Sensitivity index from flow velocity variation in quality control for Color Doppler. Measurement: Sensors, 2021, 18, 100245.	1.7	1
9	A preliminary approach based on numerical simulations for the design of a PWV-Varying arterial simulator. Measurement: Sensors, 2021, 18, 100240.	1.7	4
10	Doppler flow phantom failure detection by combining empirical mode decomposition and independent component analysis with short time Fourier transform. Acta IMEKO (2012), 2021, 10, 185.	0.7	1
11	A Preliminary Study on the Adaptive SNR Threshold Method for Depth of Penetration Measurements in Diagnostic Ultrasounds. Applied Sciences (Switzerland), 2020, 10, 6533.	2.5	10
12	ECG Waveforms Reconstruction based on Equivalent Time Sampling. , 2020, , .		4