

Hyeon-Ki Jeong

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

224
citations

1307594

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1281871

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16
all docs

16
docs citations

16
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Vector Electrical Bioimpedance System to Assess Knee Joint Health. IEEE Transactions on Biomedical Engineering, 2017, 64, 2353-2360.	4.2	60
2	Robust Longitudinal Ankle Edema Assessment Using Wearable Bioimpedance Spectroscopy. IEEE Transactions on Biomedical Engineering, 2020, 67, 1019-1029.	4.2	37
3	Acoustic Emissions as a Non-invasive Biomarker of the Structural Health of the Knee. Annals of Biomedical Engineering, 2020, 48, 225-235.	2.5	34
4	Quantifying the Consistency of Wearable Knee Acoustical Emission Measurements During Complex Motions. IEEE Journal of Biomedical and Health Informatics, 2016, 20, 1265-1272.	6.3	25
5	Quantifying the Effects of Increasing Mechanical Stress on Knee Acoustical Emissions Using Unsupervised Graph Mining. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 594-601.	4.9	19
6	A Glove-Based Form Factor for Collecting Joint Acoustic Emissions: Design and Validation. Sensors, 2019, 19, 2683.	3.8	14
7	Estimating Knee Joint Load Using Acoustic Emissions During Ambulation. Annals of Biomedical Engineering, 2021, 49, 1000-1011.	2.5	13
8	<i>b</i> -Value: A Potential Biomarker for Assessing Knee-Joint Health Using Acoustical Emission Sensing. , 2018, 2, 1-4.		9
9	Fit to Burst: Toward Noninvasive Estimation of Achilles Tendon Load Using Burst Vibrations. IEEE Transactions on Biomedical Engineering, 2021, 68, 470-481.	4.2	6
10	A Feasibility Study on Tribological Origins of Knee Acoustic Emissions. IEEE Transactions on Biomedical Engineering, 2022, 69, 1685-1695.	4.2	3
11	Vibration Stimulation as a Non-Invasive Approach to Monitor the Severity of Meniscus Tears. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 350-359.	4.9	2
12	Quantifying Asymmetry Between Medial and Lateral Compartment Knee Loading Forces Using Acoustic Emissions. IEEE Transactions on Biomedical Engineering, 2022, 69, 1541-1551.	4.2	2
13	Current Landscape of Generative Adversarial Networks for Facial Deidentification in Dermatology: Systematic Review and Evaluation. JMIR Dermatology, 2022, 5, e35497.	0.7	0