

Wei Lin

List of Publications by Year in descending order

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15
papers

134
citations

1307594

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1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	FPGA Correlator for Applications in Embedded Smart Devices. Biosensors, 2022, 12, 236.	4.7	2
2	Towards rapid intraoperative axial localization of spinal cord ischemia with epidural diffuse correlation monitoring. PLoS ONE, 2021, 16, e0251271.	2.5	3
3	Multi-Site Optical Monitoring of Spinal Cord Ischemia during Spine Distraction. Journal of Neurotrauma, 2020, 37, 2014-2022.	3.4	5
4	Quantitative ultrasound imaging monitoring progressive disuse osteopenia and mechanical stimulation mitigation in calcaneus region through a 90-day bed rest human study. Journal of Orthopaedic Translation, 2019, 18, 48-58.	3.9	13
5	Diffuse Correlation Spectroscopy Analysis Implemented on a Field Programmable Gate Array. IEEE Access, 2019, 7, 122503-122512.	4.2	11
6	Haptics and the heart: Force and tactile feedback system for cardiovascular interventions. Cardiovascular Revascularization Medicine, 2018, 19, 36-40.	0.8	7
7	An authentication protocol for wearable medical devices. , 2017, , .		6
8	Enhanced correlation between quantitative ultrasound and structural and mechanical properties of bone using combined transmission-reflection measurement. Journal of the Acoustical Society of America, 2015, 137, 1144-1152.	1.1	8
9	Wireless Infant Monitoring Device for the prevention of sudden infant death syndrome. , 2014, , .		5
10	Frequency Specific Ultrasound Attenuation is Sensitive to Trabecular Bone Structure. Ultrasound in Medicine and Biology, 2012, 38, 2198-2207.	1.5	7
11	Real time monitoring of electrocardiogram through IEEE802.15.4 network. , 2011, , .		13
12	Phase cancellation and aperture size on broadband ultrasonic attenuation for trabecular bone assessment using a 2-D confocal synthetic array. , 2011, , .		0
13	Characterization of the trabecular bone structure using frequency modulated ultrasound pulse. Journal of the Acoustical Society of America, 2009, 125, 4071-4077.	1.1	16
14	Determination of Ultrasound Phase Velocity in Trabecular Bone Using Time Dependent Phase Tracking Technique. Journal of Biomechanical Engineering, 2006, 128, 24-29.	1.3	6
15	Ultrasonic Wave Propagation in Trabecular Bone Predicted by the Stratified Model. Annals of Biomedical Engineering, 2001, 29, 781-790.	2.5	30