

Young-min Kim

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

162
citations

1307366

7
h-index

1199470

12
g-index

18
all docs

18
docs citations

18
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	A compact pulsatile simulator based on cam-follower mechanism for generating radial pulse waveforms. <i>BioMedical Engineering OnLine</i> , 2019, 18, 1.	1.3	49
2	Novel Diagnostic Model for the Deficient and Excess Pulse Qualities. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-11.	0.5	16
3	Dual-functional hydrogel system for spinal cord regeneration with sustained release of arylsulfatase B alleviates fibrotic microenvironment and promotes axonal regeneration. <i>Biomaterials</i> , 2022, 284, 121526.	5.7	16
4	Application of Magneto-Rheological Fluids for Investigating the Effect of Skin Properties on Arterial Tonometry Measurements. <i>Frontiers in Materials</i> , 2019, 6, .	1.2	10
5	Design and Evaluation of Enhanced Mock Circulatory Platform Simulating Cardiovascular Physiology for Medical Palpation Training. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5433.	1.3	10
6	Long-term anti-inflammatory effects of injectable celecoxib nanoparticle hydrogels for Achilles tendon regeneration. <i>Acta Biomaterialia</i> , 2022, 144, 183-194.	4.1	10
7	Development of a Tonometric Sensor with a Decoupled Circular Array for Precisely Measuring Radial Artery Pulse. <i>Sensors</i> , 2016, 16, 768.	2.1	9
8	Pulse wave response characteristics for thickness and hardness of the cover layer in pulse sensors to measure radial artery pulse. <i>BioMedical Engineering OnLine</i> , 2018, 17, 118.	1.3	9
9	Enhanced Haptic Sensations Using a Novel Electrostatic Vibration Actuator With Frequency Beating Phenomenon. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 1827-1834.	3.3	7
10	Accuracy Evaluation of Robotic Tonometry Pulse Sensor System Based on Radial Artery Pulse Wave Simulator. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 7646-7657.	2.4	7
11	Development of a Mathematical Model for Age-Dependent Radial Artery Pulse Wave Analysis Based on Pulse Waveform Decomposition. <i>IEEE Access</i> , 2020, 8, 2963-2974.	2.6	5
12	Experimental Evaluation on the Effect of Electrode Configuration in Electrostatic Actuators for Increasing Vibrotactile Feedback Intensity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5375.	1.3	3
13	Interference Effects on the Thickness of a Pulse Pressure Sensor Array Coated with Silicone. <i>Journal of Sensor Science and Technology</i> , 2016, 25, 35-40.	0.1	3
14	Precise Measurement Method of Radial Artery Pulse Waveform using Robotic Applanation Tonometry Sensor. <i>Journal of Sensor Science and Technology</i> , 2017, 26, 135-140.	0.1	3
15	A Transfer Function Model Development for Reconstructing Radial Pulse Pressure Waveforms Using Non-Invasively Measured Pulses by a Robotic Tonometry System. <i>Sensors</i> , 2021, 21, 6837.	2.1	3
16	A Feasibility Study of a Vibrotactile System Based on Electrostatic Actuators for Touch Bar Interfaces: Experimental Evaluations. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7084.	1.3	1
17	Signal Change and Compensation of Pulse Pressure Sensor Array Due to Wrist Surface Temperature. <i>Journal of Sensor Science and Technology</i> , 2017, 26, 141-147.	0.1	1
18	Prediction of Efficacy of Taeumjowi-Tang for Treatment of Metabolic Risk Factors Based on Machine Learning. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8741.	1.3	0