Masoud Abdollahi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6673966/publications.pdf

Version: 2024-02-01

13 papers	123 citations	1684188 5 h-index	1474206 9 g-index
15 all docs	15 docs citations	15 times ranked	117 citing authors

#	Article	IF	Citations
1	Kinematic Analysis of 360Â° Turning in Stroke Survivors Using Wearable Motion Sensors. Sensors, 2022, 22, 385.	3.8	8
2	Mechanical comparison of cold-worked versus cold-worked hot-forged dynamic hip screw system. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2022, 236, 10742-10750.	2.1	1
3	Why multi-tier surgical instrument table matters? An ergonomic analysis from mento-physical demand perspectives. Applied Ergonomics, 2022, 105, 103828.	3.1	3
4	Assessing the Ergonomic Design of a New Back Table for Perioperative Nurses. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2021, 10, 131-136.	0.3	0
5	Biomechanical modeling of spinal ligaments: finite element analysis of L4-L5 spinal segment. Computer Methods in Biomechanics and Biomedical Engineering, 2021, 24, 1807-1818.	1.6	5
6	Smartphone-based human fatigue level detection using machine learning approaches. Ergonomics, 2021, 64, 600-612.	2.1	26
7	Kinematic Assessment of Turning and Walking Tasks Among Stroke Survivors by Employing Wearable Sensors and Pressure Platform. , 2021, 2021, 6635-6638.		2
8	Using a Motion Sensor to Categorize Nonspecific Low Back Pain Patients: A Machine Learning Approach. Sensors, 2020, 20, 3600.	3.8	25
9	A Data-Driven Model to Identify Fatigue Level Based on the Motion Data from a Smartphone. , 2019, , .		8
10	A regenerative approach towards recovering the mechanical properties of degenerated intervertebral discs: Genipin and platelet-rich plasma therapies. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2017, 231, 127-137.	1.8	11
11	A novel approach to spinal 3-D kinematic assessment using inertial sensors: Towards effective quantitative evaluation of low back pain in clinical settings. Computers in Biology and Medicine, 2017, 89, 144-149.	7.0	27
12	A model for flexi-bar to evaluate intervertebral disc and muscle forces in exercises. Medical Engineering and Physics, 2016, 38, 1076-1082.	1.7	5
13	A Mechanical model for flexible exercise bars to study the influence of the initial position of the bar on lumbar discs and muscles forces. , 2015, 2015, 3917-20.		0