

James Connolly

List of Publications by Year in descending order

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27
papers

388
citations

1163117

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h-index

1125743

13
g-index

27
all docs

27
docs citations

27
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	An Investigation of Edge Bead Removal Width Variability, Effects and Process Control in Photolithographic Manufacturing. IEEE Transactions on Semiconductor Manufacturing, 2022, 35, 60-66.	1.7	2
2	Improving Data Glove Accuracy and Usability Using a Neural Network When Measuring Finger Joint Range of Motion. Sensors, 2022, 22, 2228.	3.8	6
3	The Cardiorespiratory Demands of Treadmill Walking with and without the Use of Ekso GTâ,,ç within Able-Bodied Participants: A Feasibility Study. International Journal of Environmental Research and Public Health, 2022, 19, 6176.	2.6	3
4	Review of Wearable Sensor-Based Health Monitoring Glove Devices for Rheumatoid Arthritis. Sensors, 2021, 21, 1576.	3.8	44
5	Reliability and Validity of Clinically Accessible Smart Glove Technologies to Measure Joint Range of Motion. Sensors, 2021, 21, 1555.	3.8	11
6	Validity of a Novel Research-Grade Physical Activity and Sleep Monitor for Continuous Remote Patient Monitoring. Sensors, 2021, 21, 2034.	3.8	10
7	Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Reliability Study in Axial Spondyloarthritis. Diagnostics, 2021, 11, 490.	2.6	9
8	The Effects of Powered Exoskeleton Gait Training on Cardiovascular Function and Gait Performance: A Systematic Review. Sensors, 2021, 21, 3207.	3.8	17
9	Pattern matching techniques to automatically detect range of movement tests from wearable sensors. , 2021, , .		1
10	Review of Wearable Devices and Data Collection Considerations for Connected Health. Sensors, 2021, 21, 5589.	3.8	124
11	Implementing Pattern Recognition and Matching techniques to automatically detect standardized functional tests from wearable technology. , 2020, , .		3
12	Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Validation Study in Axial Spondyloarthritis. Diagnostics, 2020, 10, 426.	2.6	20
13	Can multiple wearable sensors be used to detect the early onset of Parkinson's Disease?. , 2020, , .		0
14	Implementing wearable sensor technology for the determination of a biomarker profile for cancer-related fatigue. , 2020, , .		0
15	Preliminary investigations of the agreement between two wearable accelerometers for use in clinical studies. , 2020, , .		2
16	Open Source Power Quality Meter with cloud monitoring. , 2020, , .		0
17	Validity and reliability of a sensor-based electronic spinal mobility index for axial spondyloarthritis. Rheumatology, 2020, 59, 3415-3423.	1.9	10
18	Automatic Gait Recognition and its Potential Role in Counterterrorism. Studies in Conflict and Terrorism, 2018, 41, 151-168.	1.3	6

#	ARTICLE	IF	CITATIONS
19	AB1196-HPR...A comparison of patient preference and usability between two electronic goniometric gloves in the measurement of joint movement in patients with rheumatoid arthritis. , 2017, , .		0
20	IMU Sensor-based Electronic Goniometric Glove (ISEG-Glove) for clinical finger movement analysis. IEEE Sensors Journal, 2017, , 1-1.	4.7	58
21	THU0671...Can an inner disposable glove be used under an electrogoniometric glove for measuring finger movement without loss of accuracy?. , 2017, , .		0
22	Characteristics of a Piezo-Resistive Fabric Stretch Sensor Glove for Home-Monitoring of Rheumatoid Arthritis. , 2014, , .		13
23	Novel smart sensor glove for arthritis rehabilitation. , 2013, , .		20
24	Novel smart sensor glove for arthritis rehabilitation. , 2013, , .		6
25	A new method to determine joint range of movement and stiffness in rheumatoid arthritic patients. , 2012, 2012, 6386-9.		10
26	Wearable Rehab Technology for Automatic Measurement of Patients with Arthritis. , 2011, , .		13
27	Broadcast Language Identification & Subtitling System (BLISS). , 0, , .		0