

James Connolly

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

388
citations

1163117

8
h-index

1125743

13
g-index

27
all docs

27
docs citations

27
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Wearable Devices and Data Collection Considerations for Connected Health. <i>Sensors</i> , 2021, 21, 5589.	3.8	124
2	IMU Sensor-based Electronic Goniometric Glove (ISEG-Glove) for clinical finger movement analysis. <i>IEEE Sensors Journal</i> , 2017, , 1-1.	4.7	58
3	Review of Wearable Sensor-Based Health Monitoring Glove Devices for Rheumatoid Arthritis. <i>Sensors</i> , 2021, 21, 1576.	3.8	44
4	Novel smart sensor glove for arthritis rehabilitation. , 2013, , .		20
5	Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Validation Study in Axial Spondyloarthritis. <i>Diagnostics</i> , 2020, 10, 426.	2.6	20
6	The Effects of Powered Exoskeleton Gait Training on Cardiovascular Function and Gait Performance: A Systematic Review. <i>Sensors</i> , 2021, 21, 3207.	3.8	17
7	Wearable Rehab Technology for Automatic Measurement of Patients with Arthritis. , 2011, , .		13
8	Characteristics of a Piezo-Resistive Fabric Stretch Sensor Glove for Home-Monitoring of Rheumatoid Arthritis. , 2014, , .		13
9	Reliability and Validity of Clinically Accessible Smart Glove Technologies to Measure Joint Range of Motion. <i>Sensors</i> , 2021, 21, 1555.	3.8	11
10	A new method to determine joint range of movement and stiffness in rheumatoid arthritic patients. , 2012, 2012, 6386-9.		10
11	Validity and reliability of a sensor-based electronic spinal mobility index for axial spondyloarthritis. <i>Rheumatology</i> , 2020, 59, 3415-3423.	1.9	10
12	Validity of a Novel Research-Grade Physical Activity and Sleep Monitor for Continuous Remote Patient Monitoring. <i>Sensors</i> , 2021, 21, 2034.	3.8	10
13	Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Reliability Study in Axial Spondyloarthritis. <i>Diagnostics</i> , 2021, 11, 490.	2.6	9
14	Automatic Gait Recognition and its Potential Role in Counterterrorism. <i>Studies in Conflict and Terrorism</i> , 2018, 41, 151-168.	1.3	6
15	Novel smart sensor glove for arthritis rehabilitation. , 2013, , .		6
16	Improving Data Glove Accuracy and Usability Using a Neural Network When Measuring Finger Joint Range of Motion. <i>Sensors</i> , 2022, 22, 2228.	3.8	6
17	Implementing Pattern Recognition and Matching techniques to automatically detect standardized functional tests from wearable technology. , 2020, , .		3
18	The Cardiorespiratory Demands of Treadmill Walking with and without the Use of Ekso GTâ„¢ within Able-Bodied Participants: A Feasibility Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6176.	2.6	3

#	ARTICLE	IF	CITATIONS
19	Preliminary investigations of the agreement between two wearable accelerometers for use in clinical studies. , 2020, , .		2
20	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
21	Pattern matching techniques to automatically detect range of movement tests from wearable sensors. , 2021, , .		1
22	AB1196-HPRâ€¦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
23	THU0671â€¦Can an inner disposable glove be used under an electrogoniometric glove for measuring finger movement without loss of accuracy?. , 2017, , .		0
24	Can multiple wearable sensors be used to detect the early onset of Parkinson's Disease?. , 2020, , .		0
25	Implementing wearable sensor technology for the determination of a biomarker profile for cancer-related fatigue. , 2020, , .		0
26	Open Source Power Quality Meter with cloud monitoring. , 2020, , .		0
27	Broadcast Language Identification & Subtitling System (BLISS). , 0, , .		0