

Joan Condell

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

533
citations

1039406

9
h-index

752256

20
g-index

28
all docs

28
docs citations

28
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Wearable Devices and Data Collection Considerations for Connected Health. <i>Sensors</i> , 2021, 21, 5589.	2.1	124
2	Older Adults™ Experiences With Using Wearable Devices: Qualitative Systematic Review and Meta-synthesis. <i>JMIR MHealth and UHealth</i> , 2021, 9, e23832.	1.8	63
3	IMU Sensor-based Electronic Goniometric Glove (ISEG-Glove) for clinical finger movement analysis. <i>IEEE Sensors Journal</i> , 2017, , 1-1.	2.4	58
4	Review of Wearable Sensor-Based Health Monitoring Glove Devices for Rheumatoid Arthritis. <i>Sensors</i> , 2021, 21, 1576.	2.1	44
5	Daily step count and incident diabetes in community-dwelling 70-year-olds: a prospective cohort study. <i>BMC Public Health</i> , 2020, 20, 1830.	1.2	28
6	A new colour space for skin tone detection. , 2009, , .		22
7	Novel smart sensor glove for arthritis rehabilitation. , 2013, , .		20
8	Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Validation Study in Axial Spondyloarthritis. <i>Diagnostics</i> , 2020, 10, 426.	1.3	20
9	Enhancing Steganography in Digital Images. , 2008, , .		17
10	State-of-the-Art Sensors for Remote Care of People with Dementia during a Pandemic: A Systematic Review. <i>Sensors</i> , 2021, 21, 4688.	2.1	15
11	Skin tone based Steganography in video files exploiting the YCbCr colour space. , 2008, , .		14
12	The Views and Needs of People With Parkinson Disease Regarding Wearable Devices for Disease Monitoring: Mixed Methods Exploration. <i>JMIR Formative Research</i> , 2022, 6, e27418.	0.7	12
13	Adaptive Grid Refinement Procedures for Efficient Optical Flow Computation. <i>International Journal of Computer Vision</i> , 2005, 61, 31-54.	10.9	11
14	Reliability and Validity of Clinically Accessible Smart Glove Technologies to Measure Joint Range of Motion. <i>Sensors</i> , 2021, 21, 1555.	2.1	11
15	Validity and reliability of a sensor-based electronic spinal mobility index for axial spondyloarthritis. <i>Rheumatology</i> , 2020, 59, 3415-3423.	0.9	10
16	Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Reliability Study in Axial Spondyloarthritis. <i>Diagnostics</i> , 2021, 11, 490.	1.3	9
17	Problem solving techniques in cognitive science. <i>Artificial Intelligence Review</i> , 2010, 34, 221-234.	9.7	7
18	Trailgazers: A Scoping Study of Footfall Sensors to Aid Tourist Trail Management in Ireland and Other Atlantic Areas of Europe. <i>Sensors</i> , 2021, 21, 2038.	2.1	7

#	ARTICLE	IF	CITATIONS
19	Feasibility of Sensor Technology for Balance Assessment in Home Rehabilitation Settings. <i>Sensors</i> , 2021, 21, 4438.	2.1	7
20	Comparison of Machine Learning Techniques for Mortality Prediction in a Prospective Cohort of Older Adults. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12806.	1.2	7
21	HandPuppet3D: Motion capture and analysis for character animation. <i>Artificial Intelligence Review</i> , 2009, 31, 45-59.	9.7	6
22	Novel smart sensor glove for arthritis rehabilitation. , 2013, , .		6
23	Improving Data Glove Accuracy and Usability Using a Neural Network When Measuring Finger Joint Range of Motion. <i>Sensors</i> , 2022, 22, 2228.	2.1	6
24	Implementing Pattern Recognition and Matching techniques to automatically detect standardized functional tests from wearable technology. , 2020, , .		3
25	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.	1.2	3
26	Support Vector Machine and Probability Neural Networks in a Device-Free Passive Localization (DFPL) Scenario. <i>Image Processing & Communications</i> , 2012, 17, 9-16.	0.3	2
27	Guiding robots through wireless location positioning. , 2012, , .		1