# Joan Condell

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 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 | The Views and Needs of People With Parkinson Disease Regarding Wearable Devices for Disease Monitoring: Mixed Methods Exploration. JMIR Formative Research, 2022, 6, e27418. | 0.7 | 12 |
| 2 | Improving Data Glove Accuracy and Usability Using a Neural Network When Measuring Finger Joint Range of Motion. Sensors, 2022, 22, 2228. | 2.1 | 6 |
| 3 | The Cardiorespiratory Demands of Treadmill Walking with and without the Use of Ekso GTâ„¢ within Able-Bodied Participants: A Feasibility Study. International Journal of Environmental Research and Public Health, 2022, 19, 6176. | 1.2 | 3 |
| 4 | Review of Wearable Sensor-Based Health Monitoring Glove Devices for Rheumatoid Arthritis. Sensors, 2021, 21, 1576. | 2.1 | 44 |
| 5 | Reliability and Validity of Clinically Accessible Smart Glove Technologies to Measure Joint Range of Motion. Sensors, 2021, 21, 1555. | 2.1 | 11 |
| 6 | Trailgazers: A Scoping Study of Footfall Sensors to Aid Tourist Trail Management in Ireland and Other Atlantic Areas of Europe. Sensors, 2021, 21, 2038. | 2.1 | 7 |
| 7 | Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Reliability Study in Axial Spondyloarthritis. Diagnostics, 2021, 11, 490. | 1.3 | 9 |
| 8 | Feasibility of Sensor Technology for Balance Assessment in Home Rehabilitation Settings. Sensors, 2021, 21, 4438. | 2.1 | 7 |
| 9 | State-of-the-Art Sensors for Remote Care of People with Dementia during a Pandemic: A Systematic Review. Sensors, 2021, 21, 4688. | 2.1 | 15 |
| 10 | Review of Wearable Devices and Data Collection Considerations for Connected Health. Sensors, 2021, 21, 5589. | 2.1 | 124 |
| 11 | Older Adultsâ€™ Experiences With Using Wearable Devices: Qualitative Systematic Review and Meta-synthesis. JMIR MHealth and UHealth, 2021, 9, e23832. | 1.8 | 63 |
| 12 | Comparison of Machine Learning Techniques for Mortality Prediction in a Prospective Cohort of Older Adults. International Journal of Environmental Research and Public Health, 2021, 18, 12806. | 1.2 | 7 |
| 13 | Implementing Pattern Recognition and Matching techniques to automatically detect standardized functional tests from wearable technology. , 2020, , . | | 3 |
| 14 | Daily step count and incident diabetes in community-dwelling 70-year-olds: a prospective cohort study. BMC Public Health, 2020, 20, 1830. | 1.2 | 28 |
| 15 | Measuring Spinal Mobility Using an Inertial Measurement Unit System: A Validation Study in Axial Spondyloarthritis. Diagnostics, 2020, 10, 426. | 1.3 | 20 |
| 16 | Validity and reliability of a sensor-based electronic spinal mobility index for axial spondyloarthritis. Rheumatology, 2020, 59, 3415-3423. | 0.9 | 10 |
| 17 | IMU Sensor-based Electronic Goniometric Glove (iSEG-Glove) for clinical finger movement analysis. IEEE Sensors Journal, 2017, , 1-1. | 2.4 | 58 |
| 18 | Novel smart sensor glove for arthritis rehabiliation. , 2013, , . | | 20 |

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|---|---|---|---|
| 19 | Novel smart sensor glove for arthritis rehabiliation. , 2013, , . | | 6 |
| 20 | Support Vector Machine and Probability Neural Networks in a Device-Free Passive Localization (DFPL) Scenario. Image Processing & Communications, 2012, 17, 9-16. | 0.3 | 2 |
| 21 | Guiding robots through wireless location positioning. , 2012, , . | | 1 |
| 22 | Problem solving techniques in cognitive science. Artificial Intelligence Review, 2010, 34, 221-234. | 9.7 | 7 |
| 23 | A new colour space for skin tone detection. , 2009, , . | | 22 |
| 24 | HandPuppet3D: Motion capture and analysis for character animation. Artificial Intelligence Review, 2009, 31, 45-59. | 9.7 | 6 |
| 25 | Skin tone based Steganography in video files exploiting the YCbCr colour space. , 2008, , . | | 14 |
| 26 | Enhancing Steganography in Digital Images. , 2008, , . | | 17 |
| 27 | Adaptive Grid Refinement Procedures for Efficient Optical Flow Computation. International Journal of Computer Vision, 2005, 61, 31-54. | 10.9 | 11 |