

Salvatore Tedesco

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

938
citations

686830

13
h-index

713013

21
g-index

39
all docs

39
docs citations

39
times ranked

1190
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	Unsupervised IMU-based evaluation of at-home exercise programmes: a feasibility study. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 28.	0.7	14
3	Wearable Textile-Based Device for Human Lower-Limbs Kinematics and Muscle Activity Sensing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 70-81.	0.2	3
4	Continuous home monitoring of Parkinson's disease using inertial sensors: A systematic review. PLoS ONE, 2021, 16, e0246528.	1.1	50
5	Design of a Wearable Bruxism Detection Device. , 2021, , .		0
6	A Wearable System for the Estimation of Performance-Related Metrics during Running and Jumping Tasks. Applied Sciences (Switzerland), 2021, 11, 5258.	1.3	8
7	Older Adults' Experiences With Using Wearable Devices: Qualitative Systematic Review and Meta-synthesis. JMIR MHealth and UHealth, 2021, 9, e23832.	1.8	63
8	Investigation of the analysis of wearable data for cancer-specific mortality prediction in older adults. , 2021, 2021, 1848-1851.		3
9	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
10	Effects of segment masses and cut-off frequencies on the estimation of vertical ground reaction forces in running. Journal of Biomechanics, 2020, 99, 109552.	0.9	4
11	Motion Capture Technology in Industrial Applications: A Systematic Review. Sensors, 2020, 20, 5687.	2.1	124
12	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
13	Wearable motion sensors and artificial neural network for the estimation of vertical ground reaction forces in running. , 2020, , .		4
14	Motion Sensors-Based Machine Learning Approach for the Identification of Anterior Cruciate Ligament Gait Patterns in On-the-Field Activities in Rugby Players. Sensors, 2020, 20, 3029.	2.1	19
15	Using Domain Knowledge for Interpretable and Competitive Multi-Class Human Activity Recognition. Sensors, 2020, 20, 1208.	2.1	6
16	Accuracy of consumer-level and research-grade activity trackers in ambulatory settings in older adults. PLoS ONE, 2019, 14, e0216891.	1.1	80
17	A Multi-Sensors Wearable System for Remote Assessment of Physiotherapy Exercises during ACL Rehabilitation. , 2019, , .		9
18	Challenges in the Development of Wearable Human Machine Interface Systems. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
19	Predicting Three-Dimensional Ground Reaction Forces in Running by Using Artificial Neural Networks and Lower Body Kinematics. IEEE Access, 2019, 7, 156779-156786.	2.6	39
20	Subject-dependent and -independent human activity recognition with person-specific and -independent models. , 2019, , .		1
21	Validity Evaluation of the Fitbit Charge2 and the Garmin vivosmart HR+ in Free-Living Environments in an Older Adult Cohort. JMIR MHealth and UHealth, 2019, 7, e13084.	1.8	93
22	Monitoring Emergency First Respondersâ€™ Activities via Gradient Boosting and Inertial Sensor Data. Lecture Notes in Computer Science, 2019, , 691-694.	1.0	0
23	A 3D Hand Motion Capture Device with Haptic Feedback for Virtual Reality Applications. , 2018, , .		3
24	Real-Time 3D Magnetometer Calibration for Embedded Systems Based on Ellipsoid Fitting. , 2018, , .		2
25	A Comprehensive Comparison of Commercial Wrist- Worn Trackers in a Young Cohort in a Lab-Environment. , 2018, , .		4
26	A machine learning approach for gesture recognition with a lensless smart sensor system. , 2018, , .		10
27	Indirect Measurement of Ground Reaction Forces and Moments by Means of Wearable Inertial Sensors: A Systematic Review. Sensors, 2018, 18, 2564.	2.1	140
28	Human activity recognition for emergency first responders via body-worn inertial sensors. , 2017, , .		21
29	Sensor and feature selection for an emergency first responders activity recognition system. , 2017, , .		7
30	A Review of Activity Trackers for Senior Citizens: Research Perspectives, Commercial Landscape and the Role of the Insurance Industry. Sensors, 2017, 17, 1277.	2.1	99
31	IMPROVED NLOS ERROR MITIGATION BASED ON LTS ALGORITHM. Progress in Electromagnetics Research Letters, 2016, 58, 133-139.	0.4	5
32	Experimental Validation of the Tyndall Portable Lower-limb Analysis System with Wearable Inertial Sensors. Procedia Engineering, 2016, 147, 208-213.	1.2	13
33	A novel first responders location tracking system: Architecture and functional requirements. , 2015, , .		5
34	Customized Ultra High Frequency Radio Frequency Identification Tags and Reader Antennas Enabling Reliable Mobile Robot Navigation. IEEE Sensors Journal, 2013, 13, 783-791.	2.4	33
35	On the use of UHF RFID antenna systems customized for robotic applications. , 2012, , .		9
36	PLATFORM-ROBUST PASSIVE UHF RFID TAGS: A CASE-STUDY IN ROBOTICS. Progress in Electromagnetics Research C, 2012, 30, 27-39.	0.6	13