

David N Saucier

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

186
citations

1307594

7
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Do They Really Work? Quantifying Fabric Mask Effectiveness to Improve Public Health Messaging. International Journal of Environmental Research and Public Health, 2022, 19, 6372.	2.6	2
2	Closing the Wearable Gap—Part IX: Validation of an Improved Ankle Motion Capture Wearable. IEEE Access, 2021, 9, 114022-114036.	4.2	5
3	Preliminary Evaluation of Filtration Efficiency and Differential Pressure ASTM F3502 Testing Methods of Non-Medical Masks Using a Face Filtration Mount. International Journal of Environmental Research and Public Health, 2021, 18, 4124.	2.6	9
4	Low-voltage capacitive measurement methodology for dielectric elastomers. , 2021, , .		0
5	Deterioration of textile vs. electronic components over time in athletic wearable devices. , 2021, , .		1
6	Closing the Wearable Gap—Part VIII: A Validation Study for a Smart Knee Brace to Capture Knee Joint Kinematics. Biomechanics, 2021, 1, 152-162.	1.2	4
7	External Load and Muscle Activation Monitoring of NCAA Division I Basketball Team Using Smart Compression Shorts. Sensors, 2021, 21, 5348.	3.8	5
8	Validity and Reliability of Strive™ Sense3 for Muscle Activity Monitoring During the Squat Exercise. International Journal of Kinesiology and Sports Science, 2021, 8, 1.	0.8	2
9	Closing the Wearable Gap-Part VII: A Retrospective of Stretch Sensor Tool Kit Development for Benchmark Testing. Electronics (Switzerland), 2020, 9, 1457.	3.1	8
10	Closing the Wearable Gap—Part VI: Human Gait Recognition Using Deep Learning Methodologies. Electronics (Switzerland), 2020, 9, 796.	3.1	19
11	Wearable Stretch Sensors for Human Movement Monitoring and Fall Detection in Ergonomics. International Journal of Environmental Research and Public Health, 2020, 17, 3554.	2.6	56
12	Closing the Wearable Gap—Part II: Sensor Orientation and Placement for Foot and Ankle Joint Kinematic Measurements. Sensors, 2019, 19, 3509.	3.8	22
13	Closing the Wearable Gap—Part III: Use of Stretch Sensors in Detecting Ankle Joint Kinematics During Unexpected and Expected Slip and Trip Perturbations. Electronics (Switzerland), 2019, 8, 1083.	3.1	18
14	Closing the Wearable Gap—Part IV: 3D Motion Capture Cameras Versus Soft Robotic Sensors Comparison of Gait Movement Assessment. Electronics (Switzerland), 2019, 8, 1382.	3.1	12
15	Closing the Wearable Gap: Mobile Systems for Kinematic Signal Monitoring of the Foot and Ankle. Electronics (Switzerland), 2018, 7, 117.	3.1	22
16	Evaluating the fit-effectiveness of fabric-based reusable face masks on 3D printed NIOSH headforms. Textile Reseach Journal, 0, , 004051752210892.	2.2	1