

Steven P Davidson

List of Publications by Year in descending order

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papers

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citations

1040056

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1199594

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12
docs citations

12
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying warfighter performance during a bounding rush (prone-sprinting-prone) maneuver. <i>Applied Ergonomics</i> , 2021, 94, 103382.	3.1	1
2	Body-worn IMU array reveals effects of load on performance in an outdoor obstacle course. <i>PLoS ONE</i> , 2019, 14, e0214008.	2.5	20
3	Human crawling performance and technique revealed by inertial measurement units. <i>Journal of Biomechanics</i> , 2019, 84, 121-128.	2.1	6
4	Load-embedded inertial measurement unit reveals lifting performance. <i>Applied Ergonomics</i> , 2018, 70, 68-76.	3.1	10
5	Inertial sensor and cluster analysis for discriminating agility run technique and quantifying changes across load. <i>Biomedical Signal Processing and Control</i> , 2017, 32, 150-156.	5.7	16
6	Estimating Stair Running Performance Using Inertial Sensors. <i>Sensors</i> , 2017, 17, 2647.	3.8	27
7	Method for Estimating Three-Dimensional Knee Rotations Using Two Inertial Measurement Units: Validation with a Coordinate Measurement Machine. <i>Sensors</i> , 2017, 17, 1970.	3.8	34
8	Quantifying performance on an outdoor agility drill using foot-mounted inertial measurement units. <i>PLoS ONE</i> , 2017, 12, e0188184.	2.5	19
9	Quantifying the effects of load carriage and fatigue under load on sacral kinematics during countermovement vertical jump with IMU-based method. <i>Sports Engineering</i> , 2016, 19, 21-34.	1.1	31
10	Quantifying warfighter performance in a target acquisition and aiming task using wireless inertial sensors. <i>Applied Ergonomics</i> , 2016, 56, 27-33.	3.1	14
11	Quantifying performance and effects of load carriage during a challenging balancing task using an array of wireless inertial sensors. <i>Gait and Posture</i> , 2016, 43, 65-69.	1.4	44
12	Inertial Sensor and Cluster Analysis for Discriminating Agility Run Technique. <i>IFAC-PapersOnLine</i> , 2015, 48, 423-428.	0.9	7