

Patrick Rider

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

766
citations

1040056

9
h-index

1281871

11
g-index

12
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12
docs citations

12
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Teager-Kaiser energy operator signal conditioning improves EMG onset detection. <i>European Journal of Applied Physiology</i> , 2010, 110, 489-498.	2.5	270
2	Interaction between age and gait velocity in the amplitude and timing of antagonist muscle coactivation. <i>Gait and Posture</i> , 2009, 29, 558-564.	1.4	180
3	Association Between Muscle Activation and Metabolic Cost of Walking in Young and Old Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2011, 66A, 541-547.	3.6	118
4	Massive weight loss-induced mechanical plasticity in obese gait. <i>Journal of Applied Physiology</i> , 2011, 111, 1391-1399.	2.5	47
5	Teager-Kaiser Operator improves the accuracy of EMG onset detection independent of signal-to-noise ratio. <i>Acta of Bioengineering and Biomechanics</i> , 2008, 10, 65-8.	0.4	36
6	Age and muscle strength mediate the age-related biomechanical plasticity of gait. <i>European Journal of Applied Physiology</i> , 2016, 116, 805-814.	2.5	32
7	Males and Females Respond Similarly to Walking With a Standardized, Heavy Load. <i>Military Medicine</i> , 2015, 180, 994-1000.	0.8	30
8	Reductions in knee joint forces with weight loss are attenuated by gait adaptations in class III obesity. <i>Gait and Posture</i> , 2016, 45, 25-30.	1.4	23
9	Accelerometer-Measured Patterns of Shared Physical Activity Among Mother-Young Child Dyads. <i>Journal of Physical Activity and Health</i> , 2017, 14, 808-814.	2.0	22
10	Validity and Reliability of Proximity Detection with Bluetooth-Enabled Accelerometers among Adults. <i>Measurement in Physical Education and Exercise Science</i> , 2019, 23, 272-279.	1.8	6
11	Oculomotor Behavior Predict Professional Cricket Batting and Bowling Performance. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 768585.	2.0	2
12	Training History-Dependent Functional Role of EMG Model-Predicted Antagonist Moments in Knee Extensor Moment Generation in Healthy Young Adults. <i>Biomechanics</i> , 2022, 2, 7-19.	1.2	0