

Anne Schmitz

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11593220/publications.pdf>

Version: 2024-02-01

18
papers

545
citations

1163117

8
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

788
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in lower-extremity muscular activation during walking between healthy older and young adults. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, 1085-1091.	1.7	249
2	Assessment of Strength, Flexibility, and Running Mechanics in Men With Iliotibial Band Syndrome. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 217-222.	3.5	89
3	The measurement of in vivo joint angles during a squat using a single camera markerless motion capture system as compared to a marker based system. <i>Gait and Posture</i> , 2015, 41, 694-698.	1.4	66
4	Load-dependent variations in knee kinematics measured with dynamic MRI. <i>Journal of Biomechanics</i> , 2013, 46, 2045-2052.	2.1	35
5	Do novice runners have weak hips and bad running form?. <i>Gait and Posture</i> , 2014, 40, 82-86.	1.4	30
6	Development of an Open-Source, Discrete Element Knee Model. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 63, 2056-2067.	4.2	30
7	Variables during swing associated with decreased impact peak and loading rate in running. <i>Journal of Biomechanics</i> , 2014, 47, 32-38.	2.1	24
8	Comparison of hierarchical and six degrees-of-freedom marker sets in analyzing gait kinematics. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2016, 19, 199-207.	1.6	11
9	Effect of Three-Dimensional Printing With Nanotubes on Impact and Fatigue Resistance. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2020, 142, .	1.4	4
10	Dynamic Analysis and Design of an Innovative Sit-to-Stand Gait Trainer. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , 2020, 3, .	0.5	2
11	Is Race Walking Lower Impact Than Running?. , 2016, , .		1
12	Using external business plan competitions to drive innovation and effective cross-disciplinary collaboration. , 2016, , .		1
13	The Sensitivity of Joint Torques During Running to Forceplate Data Error. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2016, 138, .	1.6	1
14	Manufacturing Capability of Three-Dimensional Printed Stereolithography Parts for Impact Applications. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , 2021, 4, .	0.5	1
15	Calculation of Muscle Activity during Race Walking. , 0, , .		1
16	Cartilage Stiffness and Knee Loads Distribution: A Discrete Model for Landing Impacts. <i>Journal of Computational and Nonlinear Dynamics</i> , 2017, 12, .	1.2	0
17	A Novel Methodology to Determine Optimal Active Marker Scanner Placement. , 2017, , .		0
18	Muscle Effort Using a Reacher Assistive Device: The Influence of Forearm Support. , 2017, , .		0