

Anne Schmitz

List of Publications by Year in descending order

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