

Adam KÅ,odowski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4772825/publications.pdf>

Version: 2024-02-01

16
papers

226
citations

1040056

9
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Planetary gear sets power loss modeling: Application to wind turbines. Tribology International, 2017, 105, 42-54.	5.9	42
2	Recent Advances in Bipedal Walking Robots: Review of Gait, Drive, Sensors and Control Systems. Sensors, 2022, 22, 4440.	3.8	30
3	Flexible multibody approach in forward dynamic simulation of locomotive strains in human skeleton with flexible lower body bones. Multibody System Dynamics, 2011, 25, 395-409.	2.7	27
4	Merge of motion analysis, multibody dynamics and finite element method for the subject-specific analysis of cartilage loading patterns during gait: differences between rotation and moment-driven models of human knee joint. Multibody System Dynamics, 2016, 37, 271-290.	2.7	25
5	Analysis of dynamic strains in tibia during human locomotion based on flexible multibody approach integrated with magnetic resonance imaging technique. Multibody System Dynamics, 2008, 20, 287-306.	2.7	21
6	Effect of innervation zones in estimating biceps brachii force-EMG relationship during isometric contraction. Journal of Electromyography and Kinesiology, 2012, 22, 80-87.	1.7	20
7	A full body musculoskeletal model based on flexible multibody simulation approach utilised in bone strain analysis during human locomotion. Computer Methods in Biomechanics and Biomedical Engineering, 2011, 14, 573-579.	1.6	14
8	Computer Aided System for Superfinishing Process Control. Procedia Technology, 2016, 22, 48-54.	1.1	10
9	Obtaining Various Shapes of Machined Surface Using a Tool with a Multi-Insert Cutting Edge. Applied Sciences (Switzerland), 2019, 9, 880.	2.5	10
10	Leakage-proof nozzle design for RepRap community 3D printer. Robotica, 2015, 33, 721-746.	1.9	9
11	Validation of multibody modeling and simulation using an instrumented bicycle: from the computer to the road. Multibody System Dynamics, 2018, 43, 297-319.	2.7	6
12	Pilot study on proximal femur strains during locomotion and fall-down scenario. Multibody System Dynamics, 2012, 28, 239-256.	2.7	5
13	Multibody Approach to Musculoskeletal and Joint Loading. Archives of Computational Methods in Engineering, 2015, 22, 237-267.	10.2	4
14	The use of the flexible multibody approach for lower body skeletal loading analysis. Procedia IUTAM, 2011, 2, 93-100.	1.2	2
15	Craig-Bampton Modal Reduction Applied to Human Tibia Tradeoff Between Accuracy and Speed. , 2011, , .		1
16	A Dynamic Simulation of a Human Gait Using the Hybrid Muscle Model and a QCT-Based Flexible Tibia. , 2009, , .		0