

Anthony A Gatti

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

154
citations

1307366

7
h-index

1199470

12
g-index

15
all docs

15
docs citations

15
times ranked

213
citing authors

#	ARTICLE	IF	CITATIONS
1	Equations to Prescribe Bicycle Saddle Height based on Desired Joint Kinematics and Bicycle Geometry. <i>European Journal of Sport Science</i> , 2022, 22, 344-353.	1.4	5
2	Investigating acute changes in osteoarthritic cartilage by integrating biomechanics and statistical shape models of bone: data from the osteoarthritis initiative. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 861-873.	1.1	6
3	Hip and ankle kinematics are the most important predictors of knee joint loading during bicycling. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 98-104.	0.6	6
4	A new technique to evaluate the impact of running on knee cartilage deformation by region. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 593-603.	1.1	3
5	Automatic knee cartilage and bone segmentation using multi-stage convolutional neural networks: data from the osteoarthritis initiative. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 859-875.	1.1	15
6	Daily cumulative load and body mass index alter knee cartilage response to running in women. <i>Gait and Posture</i> , 2021, 88, 192-197.	0.6	4
7	Association of Machine Learning-Based Predictions of Medial Knee Contact Force With Cartilage Loss Over 2.5 Years in Knee Osteoarthritis. <i>Arthritis and Rheumatology</i> , 2021, 73, 1638-1645.	2.9	17
8	Association of Pain and Steps Per Day in Persons With Mild-to-Moderate, Symptomatic Knee Osteoarthritis: A Mixed-Effects Models Analysis of Multiple Measurements Over Three Years. <i>Arthritis Care and Research</i> , 2020, 72, 114-121.	1.5	9
9	How to Optimize Measurement Protocols: An Example of Assessing Measurement Reliability Using Generalizability Theory. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2020, 72, 112-121.	0.3	1
10	Cartilage recovery in runners with and without knee osteoarthritis: A pilot study. <i>Knee</i> , 2019, 26, 1049-1057.	0.8	16
11	Accuracy of estimates of cumulative load during a confined activity: bicycling. <i>International Biomechanics</i> , 2019, 6, 66-74.	0.9	3
12	Investigating the Test-Retest Reliability and Validity of Hand-Held Dynamometry for Measuring Knee Strength in Older Women with Knee Osteoarthritis. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2019, 71, 231-238.	0.3	13
13	Self-efficacy, pain, and quadriceps capacity at baseline predict changes in mobility performance over 2 years in women with knee osteoarthritis. <i>Clinical Rheumatology</i> , 2018, 37, 495-504.	1.0	13
14	Acute changes in knee cartilage transverse relaxation time after running and bicycling. <i>Journal of Biomechanics</i> , 2017, 53, 171-177.	0.9	25
15	GT3X+ accelerometer placement affects the reliability of step-counts measured during running and pedal-revolution counts measured during bicycling. <i>Journal of Sports Sciences</i> , 2016, 34, 1168-1175.	1.0	18