Anthony A Gatti

List of Publications by Year
in descending order

15 papers	**154** citations	1307594 **7** h-index	1199594 **12** g-index
15 all docs	**15** docs citations	**15** times ranked	**213** citing authors

#	Article	IF	Citations
1	Acute changes in knee cartilage transverse relaxation time after running and bicycling. Journal of Biomechanics, 2017, 53, 171-177.	2.1	25
2	GT3X+ accelerometer placement affects the reliability of step-counts measured during running and pedal-revolution counts measured during bicycling. Journal of Sports Sciences, 2016, 34, 1168-1175.	2.0	18
3	Association of Machine Learning–Based Predictions of Medial Knee Contact Force With Cartilage Loss Over 2.5 Years in Knee Osteoarthritis. Arthritis and Rheumatology, 2021, 73, 1638-1645.	5.6	17
4	Cartilage recovery in runners with and without knee osteoarthritis: A pilot study. Knee, 2019, 26, 1049-1057.	1.6	16
5	Automatic knee cartilage and bone segmentation using multi-stage convolutional neural networks: data from the osteoarthritis initiative. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 859-875.	2.0	15
6	Self-efficacy, pain, and quadriceps capacity at baseline predict changes in mobility performance over 2 years in women with knee osteoarthritis. Clinical Rheumatology, 2018, 37, 495-504.	2.2	13
7	Investigating the Test–Retest Reliability and Validity of Hand-Held Dynamometry for Measuring Knee Strength in Older Women with Knee Osteoarthritis. Physiotherapy Canada Physiotherapie Canada, 2019, 71, 231-238.	0.6	13
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. Arthritis Care and Research, 2020, 72, 114-121.	3.4	9
9	Hip and ankle kinematics are the most important predictors of knee joint loading during bicycling. Journal of Science and Medicine in Sport, 2021, 24, 98-104.	1.3	6
10	Investigating acute changes in osteoarthritic cartilage by integrating biomechanics and statistical shape models of bone: data from the osteoarthritis initiative. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 861-873.	2.0	6
11	Equations to Prescribe Bicycle Saddle Height based on Desired Joint Kinematics and Bicycle Geometry. European Journal of Sport Science, 2022, 22, 344-353.	2.7	5
12	Daily cumulative load and body mass index alter knee cartilage response to running in women. Gait and Posture, 2021, 88, 192-197.	1.4	4
13	Accuracy of estimates of cumulative load during a confined activity: bicycling. International Biomechanics, 2019, 6, 66-74.	1.0	3
14	A new technique to evaluate the impact of running on knee cartilage deformation by region. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 593-603.	2.0	3
15	How to Optimize Measurement Protocols: An Example of Assessing Measurement Reliability Using Generalizability Theory. Physiotherapy Canada Physiotherapie Canada, 2020, 72, 112-121.	0.6	1