



Anthony Gatti

Instructor, Radiology

Bio

ACADEMIC APPOINTMENTS

- Instructor, Radiology
- Member, Wu Tsai Human Performance Alliance

PATENTS

- Anthony Gatti. "United States Patent 11080857 Systems and methods for segmenting an image", NeuralSeg Ltd., Aug 3, 2021

LINKS

- Personal Website: <https://www.anthonygattiphd.com>

Publications

PUBLICATIONS

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Gatti, A. A., Marusich, K. R., Ong, C., Chu, C. R., Esrafilian, A., Delp, S., Gold, G. E., Kogan, F., Chaudhari, A.

ELSEVIER SCI LTD.2025

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- **An Automated and Robust Tool for Musculoskeletal and Finite Element Modeling of the Knee Joint** *IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING*
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- **OpenCapBench: A Benchmark to Bridge Pose Estimation and Biomechanics**
Gozlan, Y., Falisse, A., Uhlich, S., Gatti, A., Black, M., Hicks, J., Delp, S., Chaudhari, A., IEEE COMPUTER SOC
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- **CLUSTERING ANALYSIS OF [18F]SODIUM FLUORIDE PET-MRI ACUTE METABOLIC BONE RESPONSE TO STAIR CLIMBING IN KNEE, FEMORAL NECK AND LUMBAR SPINE**
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- **3D CLUSTERING OF T2 MAPS IDENTIFIES FOCAL CARTILAGE CHANGES FROM 3-WEEKS TO 2-YEARS FOLLOWING ACL RECONSTRUCTION**
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- **Investigating acute changes in osteoarthritic cartilage by integrating biomechanics and statistical shape models of bone: data from the osteoarthritis initiative.** *Magma (New York, N.Y.)*
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- **Daily cumulative load and body mass index alter knee cartilage response to running in women** *GAIT & POSTURE*
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