Jana Kemnitz

List of Publications by Year
in descending order

14	202	1040056 9	1058476 14
papers	citations	h-index	g-index

14	14	14	323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of Differences in Longitudinal Cartilage Thickness Loss Using a Deepâ€Learning Automated Segmentation Algorithm: Data From the Foundation for the National Institutes of Health Biomarkers Study of the Osteoarthritis Initiative. Arthritis Care and Research, 2022, 74, 929-936.	3.4	16
2	Muscle Function Tests as Supportive Outcome Measures for Performance-Based and Self-Reported Physical Function in Patients With Knee Osteoarthritis: Exploratory Analysis of Baseline Data From a Randomized Trial. Journal of Strength and Conditioning Research, 2022, 36, 2635-2642.	2.1	2
3	Accuracy and longitudinal reproducibility of quantitative femorotibial cartilage measures derived from automated U-Net-based segmentation of two different MRI contrasts: data from the osteoarthritis initiative healthy reference cohort. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2021, 34, 337-354.	2.0	18
4	Local MRI-based Measures of Thigh Adipose Tissue derived from Fully Automated Deep Convolutional Neural Network-based Segmentation show a comparable Responsiveness to Bidirectional Change in Body Weight as from Quality Controlled Manual Segmentation. Annals of Anatomy, 2021, 240, 151866.	1.9	3
5	Clinical evaluation of fully automated thigh muscle and adipose tissue segmentation using a U-Net deep learning architecture in context of osteoarthritic knee pain. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 483-493.	2.0	33
6	Mesenchymal iron deposition is associated with adverse longâ€term outcome in nonâ€alcoholic fatty liver disease. Liver International, 2020, 40, 1872-1882.	3.9	14
7	Industrial Federated Learning â€“ Requirements and System Design. Communications in Computer and Information Science, 2020, , 42-53.	0.5	13
8	Moderate Physical Activity and Prevention of Cartilage Loss in People With Knee Osteoarthritis: Data From the Osteoarthritis Initiative. Arthritis Care and Research, 2019, 71, 218-226.	3.4	21
9	Brief Report: Loss of Muscle Strength Prior to Knee Replacement: A Question of Anatomic Crossâ€Sectional Area or Specific Strength?. Arthritis and Rheumatology, 2018, 70, 222-229.	5.6	5
10	Combining Heterogeneously Labeled Datasets For Training Segmentation Networks. Lecture Notes in Computer Science, 2018, , 276-284.	1.3	5
11	The role of thigh muscle and adipose tissue in knee osteoarthritis progression in women: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2018, 26, 1190-1195.	1.3	23
12	Validation of an active shape model-based semi-automated segmentation algorithm for the analysis of thigh muscle and adipose tissue cross-sectional areas. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2017, 30, 489-503.	2.0	23
13	Longitudinal change in thigh muscle strength prior to and concurrent with symptomatic and radiographic knee osteoarthritis progression: data from the Osteoarthritis Initiative. Osteoarthritis and Cartilage, 2017, 25, 1633-1640.	1.3	24
14	Raising Energy Efficiency of High-Head Drinking Water Pumping Schemes in Hilly India â€“ Massive Potential, Complex Challenges. Journal of Sustainable Development of Energy, Water and Environment Systems, 2014, 2, 118-126.	1.9	2