David FÃ¼rst

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5675513/publications.pdf

Version: 2024-02-01

8 papers	62 citations	1937685 4 h-index	1588992 8 g-index
8 all docs	8 docs citations	8 times ranked	103 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	Association of Superficial Cartilage Transverse Relaxation Time With Osteoarthritis Disease Progression: Data From the Foundation for the National Institutes of Health Biomarker Study of the Osteoarthritis Initiative. Arthritis Care and Research, 2022, 74, 1888-1893.	3.4	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	Longitudinal Change in Knee Cartilage Thickness and Function in Subjects with and without MRI-Diagnosed Cartilage Damage. Cartilage, 2021, 13, 685S-693S.	2.7	4
5	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
6	Characterization of tissue properties in epidural needle insertion on human specimen and synthetic materials. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103946.	3.1	8
7	Layer-specific analysis of femorotibial cartilage t2 relaxation time based on registration of segmented double echo steady state (dess) to multi-echo-spin-echo (mese) images. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2020, 33, 819-828.	2.0	4
8	Development of open-cell polyurethane-based bone surrogates for biomechanical testing of pedicle screws. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 97, 247-253.	3.1	7