

# 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	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. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021, 34, 337-354.	2.0	18
2	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. <i>Arthritis Care and Research</i> , 2022, 74, 929-936.	3.4	16
3	Characterization of tissue properties in epidural needle insertion on human specimen and synthetic materials. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103946.	3.1	8
4	Development of open-cell polyurethane-based bone surrogates for biomechanical testing of pedicle screws. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 97, 247-253.	3.1	7
5	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. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 819-828.	2.0	4
6	Longitudinal Change in Knee Cartilage Thickness and Function in Subjects with and without MRI-Diagnosed Cartilage Damage. <i>Cartilage</i> , 2021, 13, 685S-693S.	2.7	4
7	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. <i>Annals of Anatomy</i> , 2021, 240, 151866.	1.9	3
8	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. <i>Arthritis Care and Research</i> , 2022, 74, 1888-1893.	3.4	2