

# Bryce A Besler

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

133  
citations

1478505

6  
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1281871

11  
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14  
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docs citations

14  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	p21 <sup>+</sup> Mice Exhibit Spontaneous Articular Cartilage Regeneration Post-Injury. <i>Cartilage</i> , 2021, 13, 1608S-1617S.	2.7	11
2	Bone and joint enhancement filtering: Application to proximal femur segmentation from uncalibrated computed tomography datasets. <i>Medical Image Analysis</i> , 2021, 67, 101887.	11.6	5
3	A quantitative assessment of dual energy computed tomography-based material decomposition for imaging bone marrow edema associated with acute knee injury. <i>Medical Physics</i> , 2021, 48, 1792-1803.	3.0	7
4	Proximal Tibia Bone Stiffness and Strength in HR-pQCT- and QCT-Based Finite Element Models. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2389-2398.	2.5	5
5	Quantitative measures of bone shape, cartilage morphometry and joint alignment are associated with disease in an ACLT and MMx rat model of osteoarthritis. <i>Bone</i> , 2021, 146, 115903.	2.9	8
6	The Assessment of Skeletal Muscle and Cortical Bone by Second-generation HR-pQCT at the Tibial Midshaft. <i>Journal of Clinical Densitometry</i> , 2021, 24, 465-473.	1.2	4
7	An inverse technique to identify participant-specific bone adaptation from serial CT measurements. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2021, 37, e3515.	2.1	1
8	CT-based internal density calibration for opportunistic skeletal assessment using abdominal CT scans. <i>Medical Engineering and Physics</i> , 2020, 78, 55-63.	1.7	33
9	Longitudinal Effects of Acute Anterior Cruciate Ligament Tears on Periarticular Bone in Human Knees Within the First Year of Injury. <i>Journal of Orthopaedic Research</i> , 2019, 37, 2325-2336.	2.3	31
10	Bone Adaptation as Level Set Motion. <i>Lecture Notes in Computer Science</i> , 2019, , 58-72.	1.3	1
11	Automatic Full Femur Segmentation from Computed Tomography Datasets Using an Atlas-Based Approach. <i>Lecture Notes in Computer Science</i> , 2018, , 120-132.	1.3	2
12	Estimating bulk dielectric properties of biological tissues at microwave frequencies. , 2016, , .		4
13	Three-Dimensional Quantitative Morphometric Analysis (QMA) for In Situ Joint and Tissue Assessment of Osteoarthritis in a Preclinical Rabbit Disease Model. <i>PLoS ONE</i> , 2016, 11, e0147564.	2.5	15
14	Reproducibility of compartmental subchondral bone morphometry in the mouse tibiofemoral joint. <i>Bone</i> , 2015, 81, 649-653.	2.9	6