

# Shashank Nawathe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12178301/publications.pdf>

Version: 2024-02-01

10  
papers

310  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of variations in tissue-level ductility on human vertebral strength. <i>Bone</i> , 2020, 137, 115445.	2.9	0
2	Regional Variations of HR-pQCT Morphological and Biomechanical Measurements of Bone Segments and Their Associations With Whole Distal Radius and Tibia Mechanical Properties. <i>Journal of Biomechanical Engineering</i> , 2019, 141, .	1.3	5
3	Accurate and Efficient Plate and Rod Microfinite Element Models for Whole Bone Segments Based on High-Resolution Peripheral Computed Tomography. <i>Journal of Biomechanical Engineering</i> , 2019, 141, .	1.3	5
4	High-resolution peripheral quantitative computed tomography (HR-pQCT) can assess microstructural and biomechanical properties of both human distal radius and tibia: Ex vivo computational and experimental validations. <i>Bone</i> , 2016, 86, 58-67.	2.9	47
5	Cortical and trabecular load sharing in the human femoral neck. <i>Journal of Biomechanics</i> , 2015, 48, 816-822.	2.1	58
6	Theoretical effects of fully ductile versus fully brittle behaviors of bone tissue on the strength of the human proximal femur and vertebral body. <i>Journal of Biomechanics</i> , 2015, 48, 1264-1269.	2.1	16
7	Microstructural Failure Mechanisms in the Human Proximal Femur for Sideways Fall Loading. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 507-515.	2.8	79
8	Theoretical bounds for the influence of tissue-level ductility on the apparent-level strength of human trabecular bone. <i>Journal of Biomechanics</i> , 2013, 46, 1293-1299.	2.1	32
9	Micromechanics of the human vertebral body for forward flexion. <i>Journal of Biomechanics</i> , 2012, 45, 2142-2148.	2.1	32
10	Vertebral fragility and structural redundancy. <i>Journal of Bone and Mineral Research</i> , 2012, 27, 2152-2158.	2.8	36