

# Christopher D Thomas

## List of Publications by Year in descending order

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23  
papers

947  
citations

471509  
17  
h-index

642732  
23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Age-related changes in cortical porosity of the midshaft of the human femur. Journal of Anatomy, 1997, 191, 407-416.	1.5	107
2	Analysis of tensile bond strengths using Weibull statistics. Biomaterials, 2004, 25, 5031-5035.	11.4	104
3	Superosteons (remodeling clusters) in the cortex of the femoral shaft: Influence of age and gender. The Anatomical Record, 2001, 264, 378-386.	1.8	92
4	An Automated Analysis of Intracortical Porosity in Human Femoral Bone Across Age. Journal of Bone and Mineral Research, 1999, 14, 624-632.	2.8	77
5	Ontogenetic Patterning of Cortical Bone Microstructure and Geometry at the Human Midshaft Femur. Anatomical Record, 2009, 292, 48-64.	1.4	71
6	Bimodal distribution of osteocyte lacunar size in the human femoral cortex as revealed by micro-CT. Bone, 2010, 47, 866-871.	2.9	62
7	Visualization of 3D osteon morphology by synchrotron radiation microCT. Journal of Anatomy, 2011, 219, 481-489.	1.5	52
8	Age trends in remodeling of the femoral midshaft differ between the sexes. Journal of Orthopaedic Research, 1996, 14, 590-597.	2.3	48
9	Intrapopulation variability in mineralization density at the human femoral mid-shaft. Journal of Anatomy, 2003, 203, 243-255.	1.5	48
10	Determination of age at death using combined morphology and histology of the femur. Journal of Anatomy, 2000, 196, 463-471.	1.5	43
11	Relationships among microstructural properties of bone at the human midshaft femur. Journal of Anatomy, 2005, 206, 127-139.	1.5	42
12	The relationship between porosity and specific surface in human cortical bone is subject specific. Bone, 2015, 72, 109-117.	2.9	34
13	Imaging the 3D structure of secondary osteons in human cortical bone using phase-retrieval tomography. Physics in Medicine and Biology, 2011, 56, 5265-5274.	3.0	27
14	Bonding to Glass Ionomer Cements Using Resin-based Adhesives. Operative Dentistry, 2011, 36, 618-625.	1.2	26
15	Relating age and micro-architecture with apparent-level elastic constants: a micro-finite element study of female cortical bone from the anterior femoral midshaft. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2011, 225, 585-596.	1.8	25
16	Ultrananocrystalline diamond-CMOS device integration route for high acuity retinal prostheses. Biomedical Microdevices, 2015, 17, 9952.	2.8	23
17	Construction and use of facial archetypes in anthropology and syndrome diagnosis. Forensic Science International, 2006, 159, S175-S185.	2.2	18
18	Using smooth particle hydrodynamics to investigate femoral cortical bone remodelling at the Haversian level. International Journal for Numerical Methods in Biomedical Engineering, 2013, 29, 129-143.	2.1	17

#	ARTICLE	IF	CITATIONS
19	A mechanostatistical approach to cortical bone remodelling: an equine model. Biomechanics and Modeling in Mechanobiology, 2016, 15, 29-42.	2.8	14
20	Effects Of Resistance Training On Bone Parameters In Young And Mature Rats. Clinical and Experimental Pharmacology and Physiology, 2000, 27, 88-94.	1.9	11
21	Tooth support in the human mandible. Journal of Oral Rehabilitation, 1988, 15, 499-503.	3.0	3
22	Strain Reduction between Cortical Pore Structures Leads to Bone Weakening and Fracture Susceptibility: An Investigation Using Smooth Particle Hydrodynamics. IFMBE Proceedings, 2010, , 784-787.	0.3	2
23	A 3-dimensional digitizer using spherical co-ordinates. Australian Dental Journal, 1988, 33, 138-143.	1.5	1