

Christopher D Thomas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1277654/publications.pdf>

Version: 2024-02-01

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 | A mechanostatistical approach to cortical bone remodelling: an equine model. <i>Biomechanics and Modeling in Mechanobiology</i> , 2016, 15, 29-42. | 2.8 | 14 |
| 2 | Ultrananocrystalline diamond-CMOS device integration route for high acuity retinal prostheses. <i>Biomedical Microdevices</i> , 2015, 17, 9952. | 2.8 | 23 |
| 3 | The relationship between porosity and specific surface in human cortical bone is subject specific. <i>Bone</i> , 2015, 72, 109-117. | 2.9 | 34 |
| 4 | Using smooth particle hydrodynamics to investigate femoral cortical bone remodelling at the Haversian level. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2013, 29, 129-143. | 2.1 | 17 |
| 5 | Bonding to Glass Ionomer Cements Using Resin-based Adhesives. <i>Operative Dentistry</i> , 2011, 36, 618-625. | 1.2 | 26 |
| 6 | Visualization of 3D osteon morphology by synchrotron radiation micro-CT. <i>Journal of Anatomy</i> , 2011, 219, 481-489. | 1.5 | 52 |
| 7 | Imaging the 3D structure of secondary osteons in human cortical bone using phase-retrieval tomography. <i>Physics in Medicine and Biology</i> , 2011, 56, 5265-5274. | 3.0 | 27 |
| 8 | Relating age and micro-architecture with apparent-level elastic constants: a micro-finite element study of female cortical bone from the anterior femoral midshaft. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2011, 225, 585-596. | 1.8 | 25 |
| 9 | Bimodal distribution of osteocyte lacunar size in the human femoral cortex as revealed by micro-CT. <i>Bone</i> , 2010, 47, 866-871. | 2.9 | 62 |
| 10 | Strain Reduction between Cortical Pore Structures Leads to Bone Weakening and Fracture Susceptibility: An Investigation Using Smooth Particle Hydrodynamics. <i>IFMBE Proceedings</i> , 2010, , 784-787. | 0.3 | 2 |
| 11 | Ontogenetic Patterning of Cortical Bone Microstructure and Geometry at the Human Midshaft Femur. <i>Anatomical Record</i> , 2009, 292, 48-64. | 1.4 | 71 |
| 12 | Construction and use of facial archetypes in anthropology and syndrome diagnosis. <i>Forensic Science International</i> , 2006, 159, S175-S185. | 2.2 | 18 |
| 13 | Relationships among microstructural properties of bone at the human midshaft femur. <i>Journal of Anatomy</i> , 2005, 206, 127-139. | 1.5 | 42 |
| 14 | Analysis of tensile bond strengths using Weibull statistics. <i>Biomaterials</i> , 2004, 25, 5031-5035. | 11.4 | 104 |
| 15 | Intrapopulation variability in mineralization density at the human femoral mid-shaft. <i>Journal of Anatomy</i> , 2003, 203, 243-255. | 1.5 | 48 |
| 16 | Superosteons (remodeling clusters) in the cortex of the femoral shaft: Influence of age and gender. <i>The Anatomical Record</i> , 2001, 264, 378-386. | 1.8 | 92 |
| 17 | Determination of age at death using combined morphology and histology of the femur. <i>Journal of Anatomy</i> , 2000, 196, 463-471. | 1.5 | 43 |
| 18 | Effects Of Resistance Training On Bone Parameters In Young And Mature Rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 88-94. | 1.9 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | Age-related changes in cortical porosity of the midshaft of the human femur. Journal of Anatomy, 1997, 191, 407-416. | 1.5 | 107 |
| 21 | Age trends in remodeling of the femoral midshaft differ between the sexes. Journal of Orthopaedic Research, 1996, 14, 590-597. | 2.3 | 48 |
| 22 | A 3-dimensional digitizer using spherical co-ordinates. Australian Dental Journal, 1988, 33, 138-143. | 1.5 | 1 |
| 23 | Tooth support in the human mandible. Journal of Oral Rehabilitation, 1988, 15, 499-503. | 3.0 | 3 |