

Andrew L Freeman

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

407
citations

687220

13
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

381
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Range of motion, sacral screw and rod strain in long posterior spinal constructs: a biomechanical comparison between S2 alar iliac screws with traditional fixation strategies. <i>Journal of Spine Surgery</i> , 2016, 2, 266-276. | 0.6 | 37 |
| 2 | Morphologic and biomechanical comparison of spinous processes and ligaments from scoliotic and kyphotic patients. <i>Journal of Biomechanics</i> , 2016, 49, 216-221. | 0.9 | 3 |
| 3 | Kinematic and fatigue biomechanics of an interpositional facet arthroplasty device. <i>Spine Journal</i> , 2016, 16, 531-539. | 0.6 | 6 |
| 4 | Flexibility and fatigue evaluation of oblique as compared with anterior lumbar interbody cages with integrated endplate fixation. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 54-59. | 0.9 | 9 |
| 5 | Effect of Tibial Plateau Angle on Cranial Cruciate Ligament Strain: An <i>Ex Vivo</i> Study in the Dog. <i>Veterinary Surgery</i> , 2015, 44, 46-49. | 0.5 | 25 |
| 6 | Biomechanical Effect of Transforaminal Lumbar Interbody Fusion and Axial Interbody Threaded Rod on Range of Motion and S1 Screw Loading in a Destabilized L5-S1 Spondylolisthesis Model. <i>Spine</i> , 2014, 39, E82-E88. | 1.0 | 8 |
| 7 | Compressive properties of fibrous repair tissue compared to nucleus and annulus. <i>Journal of Biomechanics</i> , 2013, 46, 1714-1721. | 0.9 | 18 |
| 8 | Validation of an Improved Method to Calculate the Orientation and Magnitude of Pedicle Screw Bending Moments. <i>Journal of Biomechanical Engineering</i> , 2012, 134, 104502. | 0.6 | 15 |
| 9 | Biomechanical Analysis of Sacral Screw Strain and Range of Motion in Long Posterior Spinal Fixation Constructs. <i>Spine</i> , 2012, 37, E163-E169. | 1.0 | 52 |
| 10 | Quantification of Intradiscal Pressures Below Thoracolumbar Spinal Fusion Constructs. <i>Spine</i> , 2012, 37, 359-366. | 1.0 | 18 |
| 11 | Inter-laboratory variability in in vitro spinal segment flexibility testing. <i>Journal of Biomechanics</i> , 2011, 44, 2383-2387. | 0.9 | 31 |
| 12 | Biomechanical Comparison of Tibial Nail Stability in a Proximal Third Fracture: Do Screw Quantity and Locked, Interlocking Screws Make a Difference?. <i>Journal of Orthopaedic Trauma</i> , 2011, 25, 333-339. | 0.7 | 19 |
| 13 | Evaluation of a Lumbar Intervertebral Spacer With Integrated Screws as a Stand-alone Fixation Device. <i>Journal of Spinal Disorders and Techniques</i> , 2010, 23, 351-358. | 1.8 | 22 |
| 14 | How Much Do Locked Screws Add to the Fixation of Hybrid Plate Constructs in Osteoporotic Bone?. <i>Journal of Orthopaedic Trauma</i> , 2010, 24, 163-169. | 0.7 | 50 |
| 15 | In vitro biomechanics of an expandable vertebral body replacement with self-adjusting end plates. <i>Spine Journal</i> , 2010, 10, 1024-1031. | 0.6 | 11 |
| 16 | Interbody device endplate engagement effects on motion segment biomechanics. <i>Spine Journal</i> , 2009, 9, 564-573. | 0.6 | 29 |
| 17 | In Vitro Comparison of Bioresorbable and Titanium Anterior Cervical Plates in the Immediate Postoperative Condition. <i>Journal of Spinal Disorders and Techniques</i> , 2006, 19, 577-583. | 1.8 | 19 |
| 18 | Mechanical performance of polysulfone, polybutylene, and polyamide 6/6 in hot chlorinated water. <i>Solar Energy</i> , 2005, 79, 624-637. | 2.9 | 35 |