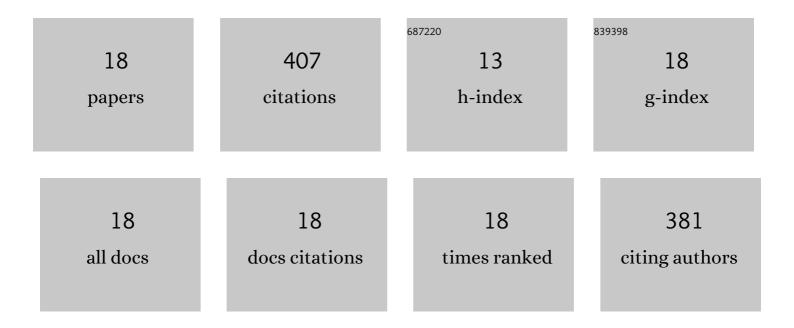
## Andrew L Freeman

List of Publications by Year in descending order

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#	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. Journal of Spine Surgery, 2016, 2, 266-276.	0.6	37
2	Morphologic and biomechanical comparison of spinous processes and ligaments from scoliotic and kyphotic patients. Journal of Biomechanics, 2016, 49, 216-221.	0.9	3
3	Kinematic and fatigue biomechanics of an interpositional facet arthroplasty device. Spine Journal, 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. Journal of Neurosurgery: Spine, 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. Veterinary Surgery, 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. Spine, 2014, 39, E82-E88.	1.0	8
7	Compressive properties of fibrous repair tissue compared to nucleus and annulus. Journal of Biomechanics, 2013, 46, 1714-1721.	0.9	18
8	Validation of an Improved Method to Calculate the Orientation and Magnitude of Pedicle Screw Bending Moments. Journal of Biomechanical Engineering, 2012, 134, 104502.	0.6	15
9	Biomechanical Analysis of Sacral Screw Strain and Range of Motion in Long Posterior Spinal Fixation Constructs. Spine, 2012, 37, E163-E169.	1.0	52
10	Quantification of Intradiscal Pressures Below Thoracolumbar Spinal Fusion Constructs. Spine, 2012, 37, 359-366.	1.0	18
11	Inter-laboratory variability in in vitro spinal segment flexibility testing. Journal of Biomechanics, 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?. Journal of Orthopaedic Trauma, 2011, 25, 333-339.	0.7	19
13	Evaluation of a Lumbar Intervertebral Spacer With Integrated Screws as a Stand-alone Fixation Device. Journal of Spinal Disorders and Techniques, 2010, 23, 351-358.	1.8	22
14	How Much Do Locked Screws Add to the Fixation of "Hybrid―Plate Constructs in Osteoporotic Bone?. Journal of Orthopaedic Trauma, 2010, 24, 163-169.	0.7	50
15	In vitro biomechanics of an expandable vertebral body replacement withÂself-adjusting end plates. Spine Journal, 2010, 10, 1024-1031.	0.6	11
16	Interbody device endplate engagement effects on motion segment biomechanics. Spine Journal, 2009, 9, 564-573.	0.6	29
17	In Vitro Comparison of Bioresorbable and Titanium Anterior Cervical Plates in the Immediate Postoperative Condition. Journal of Spinal Disorders and Techniques, 2006, 19, 577-583.	1.8	19
18	Mechanical performance of polysulfone, polybutylene, and polyamide 6/6 in hot chlorinated water. Solar Energy, 2005, 79, 624-637.	2.9	35