

Lawrence J Berglund

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

2,051
citations

22
h-index

42
g-index

42
ext. papers

2,329
ext. citations

3.4
avg, IF

4.11
L-index

#	Paper	IF	Citations
42	Engineered tendon-fibrocartilage-bone composite and bone marrow-derived mesenchymal stem cell sheet augmentation promotes rotator cuff healing in a non-weight-bearing canine model. <i>Biomaterials</i> , 2019 , 192, 189-198	15.6	41
41	Effects of axial forearm instability on force transmission across the elbow. <i>Journal of Shoulder and Elbow Surgery</i> , 2019 , 28, 170-177	4.3	4
40	Validation of a dynamic joint contracture measuring device in a live rabbit model of arthrofibrosis. <i>Journal of Orthopaedic Research</i> , 2018 , 36, 2186	3.8	8
39	Fibrin glue mediated delivery of bone anabolic reagents to enhance healing of tendon to bone. <i>Journal of Cellular Biochemistry</i> , 2018 , 119, 5715-5724	4.7	8
38	Axial load transmission through the elbow during forearm rotation. <i>Journal of Shoulder and Elbow Surgery</i> , 2018 , 27, 530-537	4.3	9
37	Articular Contact Area and Pressure in Posteromedial Rotatory Instability of the Elbow. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, e34	5.6	9
36	Coronoid reconstruction using osteochondral grafts: a biomechanical study. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 1794-1802	4.3	11
35	Articular contact area and contact pressure in posteromedial rotatory instability of the elbow. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, e149	4.3	3
34	Role of the lateral collateral ligament in posteromedial rotatory instability of the elbow. <i>Journal of Shoulder and Elbow Surgery</i> , 2017 , 26, 1636-1643	4.3	17
33	Influence of radial head prosthetic design on radiocapitellar joint contact mechanics. <i>Journal of Shoulder and Elbow Surgery</i> , 2014 , 23, 456-62	4.3	43
32	Posterior tibial tendon dysfunction and flatfoot: analysis with simulated walking. <i>Gait and Posture</i> , 2013 , 37, 264-8	2.6	18
31	The role of ankle ligaments and articular geometry in stabilizing the ankle. <i>Clinical Biomechanics</i> , 2012 , 27, 189-95	2.2	51
30	Radial head prosthesis micromotion characteristics: Partial versus fully grit-blasted stems. <i>Journal of Shoulder and Elbow Surgery</i> , 2011 , 20, 27-32	4.3	16
29	The biomechanical effect of the distal interosseous membrane on distal radioulnar joint stability: a preliminary anatomic study. <i>Journal of Hand Surgery</i> , 2011 , 36, 1626-30	2.6	57
28	The stabilizing effect of the distal interosseous membrane on the distal radioulnar joint in an ulnar shortening procedure: a biomechanical study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2011 , 93, 2022-30	5.6	53
27	Biomechanical evaluation of the dynamic radioulnar convergence after ulnar head resection, two soft tissue stabilization methods of the distal ulna and ulnar head prosthesis implantation. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2011 , 131, 15-26	3.6	22
26	Biomechanical evaluation of posterior lumbar dynamic stabilization: an in vitro comparison between Universal Clamp and Wallis systems. <i>European Spine Journal</i> , 2011 , 20, 289-96	2.7	19

25	Gliding resistance of flexor tendon associated with carpal tunnel pressure: a biomechanical cadaver study. <i>Journal of Orthopaedic Research</i> , 2011 , 29, 58-61	3.8	16
24	Transverse connectors providing increased stability to the cervical spine rod-screw construct: an in vitro human cadaveric study. <i>Journal of Neurosurgery: Spine</i> , 2011 , 14, 719-25	2.8	10
23	Biomechanical evaluation of a new fixation device for the thoracic spine. <i>European Spine Journal</i> , 2009 , 18, 1213-9	2.7	40
22	Analysis of joint laxity after total ankle arthroplasty: cadaver study. <i>Clinical Biomechanics</i> , 2009 , 24, 655-60	2.6	14
21	Stem diameter and micromotion of press fit radial head prosthesis: a biomechanical study. <i>Journal of Shoulder and Elbow Surgery</i> , 2009 , 18, 785-90	4.3	42
20	Junction kinematics between proximal mobile and distal fused lumbar segments: biomechanical analysis of pedicle and hook constructs. <i>Spine Journal</i> , 2009 , 9, 846-53	4	9
19	Gliding characteristics between flexor tendons and surrounding tissues in the carpal tunnel: a biomechanical cadaver study. <i>Journal of Orthopaedic Research</i> , 2007 , 25, 185-90	3.8	35
18	An analysis of symmetry of torque strength of the forearm under resisted forearm rotation in normal subjects. <i>Journal of Hand Surgery</i> , 2006 , 31, 801-5	2.6	50
17	Contribution of the interosseous membrane to distal radioulnar joint constraint. <i>Journal of Hand Surgery</i> , 2005 , 30, 1164-71	2.6	102
16	Stability of the distal radioulnar joint contributed by the joint capsule. <i>Journal of Hand Surgery</i> , 2004 , 29, 1114-20	2.6	45
15	Biomechanical evaluation of new posterior occipitocervical instrumentation system. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 103-15	2.2	18
14	Biomechanical evaluation of posterior screw fixation in cadaveric cervical spines. <i>Clinical Orthopaedics and Related Research</i> , 2003 , 13-24	2.2	30
13	An analysis of the constraint properties of the distal radioulnar ligament attachments to the ulna. <i>Journal of Hand Surgery</i> , 2002 , 27, 61-7	2.6	52
12	Analysis of dynamic distal radioulnar convergence after ulnar head resection and endoprosthesis implantation. <i>Journal of Hand Surgery</i> , 2002 , 27, 425-34	2.6	72
11	The enhancement of periosteal chondrogenesis in organ culture by dynamic fluid pressure. <i>Journal of Orthopaedic Research</i> , 2001 , 19, 524-30	3.8	32
10	A dynamic simulator to evaluate distal radio-ulnar joint kinematics. <i>Journal of Biomechanics</i> , 2001 , 34, 335-9	2.9	19
9	IN VITRO SIMULATION OF THE STANCE PHASE IN HUMAN GAIT. <i>Journal of Musculoskeletal Research</i> , 2001 , 05, 113-121	0.1	29
8	A mechanical study of the moment-forces of the supinators and pronators of the forearm. <i>Acta Orthopaedica</i> , 2001 , 72, 629-34		42

7	Dynamic pressure transmission through agarose gels. <i>Tissue Engineering</i> , 2000 , 6, 531-7		35
6	The effect of a glenoid defect on anteroinferior stability of the shoulder after Bankart repair: a cadaveric study. <i>Journal of Bone and Joint Surgery - Series A</i> , 2000 , 82, 35-46	5.6	621
5	Lunotriquetral ligament properties: a comparison of three anatomic subregions. <i>Journal of Hand Surgery</i> , 1998 , 23, 425-31	2.6	77
4	Rotational stability of the carpus relative to the forearm. <i>Journal of Hand Surgery</i> , 1995 , 20, 305-11	2.6	36
3	Tensile properties of the supraspinatus tendon. <i>Journal of Orthopaedic Research</i> , 1995 , 13, 578-84	3.8	194
2	Biochemically discrete zones of canine flexor tendon: evaluation of properties with a new photographic method. <i>Journal of Orthopaedic Research</i> , 1992 , 10, 198-204	3.8	22
1	Extensor mechanism of the fingers. II. Tensile properties of components. <i>Journal of Hand Surgery</i> , 1991 , 16, 1136-40	2.6	20