

Glen A Livesay

List of Publications by Citations

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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.

26

papers

2,627

citations

20

h-index

26

g-index

26

ext. papers

2,767

ext. citations

4.5

avg, IF

4.06

L-index

#	Paper	IF	Citations
26	Importance of the medial meniscus in the anterior cruciate ligament-deficient knee. <i>Journal of Orthopaedic Research</i> , 2000 , 18, 109-15	3.8	303
25	Mechanical characterization of collagen fibers and scaffolds for tissue engineering. <i>Biomaterials</i> , 2003 , 24, 3805-13	15.6	300
24	The forces in the anterior cruciate ligament and knee kinematics during a simulated pivot shift test: A human cadaveric study using robotic technology. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2000 , 16, 633-9	5.4	237
23	The effect of anterior cruciate ligament graft fixation site at the tibia on knee stability: evaluation using a robotic testing system. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1997 , 13, 177-82	5.4	236
22	The use of a universal force-moment sensor to determine in-situ forces in ligaments: a new methodology. <i>Journal of Biomechanical Engineering</i> , 1995 , 117, 1-7	2.1	178
21	The use of robotics technology to study human joint kinematics: a new methodology. <i>Journal of Biomechanical Engineering</i> , 1993 , 115, 211-7	2.1	167
20	Hamstring graft motion in the femoral bone tunnel when using titanium button/polyester tape fixation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 1999 , 7, 215-9	5.5	143
19	Determination of the in situ forces and force distribution within the human anterior cruciate ligament. <i>Annals of Biomedical Engineering</i> , 1995 , 23, 467-74	4.7	116
18	Determination of the in situ loads on the human anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , 1993 , 11, 686-95	3.8	115
17	Relative contribution of the ACL, MCL, and bony contact to the anterior stability of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 1999 , 7, 93-7	5.5	110
16	Forces and moments in six-DOF at the human knee joint: Mathematical description for control. <i>Journal of Biomechanics</i> , 1996 , 29, 1577-1585	2.9	101
15	Biology and Biomechanics of the Anterior Cruciate Ligament. <i>Clinics in Sports Medicine</i> , 1993 , 12, 637-670	0.6	101
14	Mechanical behavior of two hamstring graft constructs for reconstruction of the anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , 2000 , 18, 456-61	3.8	86
13	Peak torque and rotational stiffness developed at the shoe-surface interface: the effect of shoe type and playing surface. <i>American Journal of Sports Medicine</i> , 2006 , 34, 415-22	6.8	85
12	Biomechanical function of the human anterior cruciate ligament. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 1994 , 10, 140-7	5.4	79
11	Development of ligament-like structural organization and properties in cell-seeded collagen scaffolds in vitro. <i>Annals of Biomedical Engineering</i> , 2006 , 34, 726-36	4.7	64
10	Evaluation of the effect of joint constraints on the in situ force distribution in the anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , 1997 , 15, 278-84	3.8	59

9	Collagen composite biomaterials resist contraction while allowing development of adipocytic soft tissue in vitro. <i>Tissue Engineering</i> , 2006 , 12, 1639-49		59
8	Biomechanics of the ACL: Measurements of in situ force in the ACL and knee kinematics. <i>Knee</i> , 1998 , 5, 267-288	2.6	45
7	In-situ forces in the human posterior cruciate ligament in response to posterior tibial loading. <i>Annals of Biomedical Engineering</i> , 1996 , 24, 193-7	4.7	23
6	Improvement of accuracy in a high-capacity, six degree-of-freedom load cell: application to robotic testing of musculoskeletal joints. <i>Annals of Biomedical Engineering</i> , 1999 , 27, 839-43	4.7	17
5	Operating curves to characterize the contraction of fibroblast-seeded collagen gel/collagen fiber composite biomaterials: effect of fiber mass. <i>Plastic and Reconstructive Surgery</i> , 2007 , 119, 508-16	2.7	2
4	Collagen Composite Biomaterials Resist Contraction While Allowing Development of Adipocytic Soft Tissue In Vitro. <i>Tissue Engineering</i> , 2006 , 060706073730043		1
3	Anatomy and Biomechanics of the Human Posterior Cruciate Ligament 1994 , 200-214		0
2	Application of Robotics to Studies of Joint Biomechanics 1994 , 81-95		
1	Biomechanics of the ACL and ACL Reconstruction: New Concepts and Applications 1994 , 171-188		