

# Glen A Livesay

## 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.

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	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> , <b>2007</b> , 119, 508-16	2.7	2
25	Collagen composite biomaterials resist contraction while allowing development of adipocytic soft tissue in vitro. <i>Tissue Engineering</i> , <b>2006</b> , 12, 1639-49		59
24	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> , <b>2006</b> , 34, 415-22	6.8	85
23	Development of ligament-like structural organization and properties in cell-seeded collagen scaffolds in vitro. <i>Annals of Biomedical Engineering</i> , <b>2006</b> , 34, 726-36	4.7	64
22	Collagen Composite Biomaterials Resist Contraction While Allowing Development of Adipocytic Soft Tissue In Vitro. <i>Tissue Engineering</i> , <b>2006</b> , 060706073730043		1
21	Mechanical characterization of collagen fibers and scaffolds for tissue engineering. <i>Biomaterials</i> , <b>2003</b> , 24, 3805-13	15.6	300
20	Importance of the medial meniscus in the anterior cruciate ligament-deficient knee. <i>Journal of Orthopaedic Research</i> , <b>2000</b> , 18, 109-15	3.8	303
19	Mechanical behavior of two hamstring graft constructs for reconstruction of the anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , <b>2000</b> , 18, 456-61	3.8	86
18	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> , <b>2000</b> , 16, 633-9	5.4	237
17	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> , <b>1999</b> , 27, 839-43	4.7	17
16	Relative contribution of the ACL, MCL, and bony contact to the anterior stability of the knee. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>1999</b> , 7, 93-7	5.5	110
15	Hamstring graft motion in the femoral bone tunnel when using titanium button/polyester tape fixation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>1999</b> , 7, 215-9	5.5	143
14	Biomechanics of the ACL: Measurements of in situ force in the ACL and knee kinematics. <i>Knee</i> , <b>1998</b> , 5, 267-288	2.6	45
13	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> , <b>1997</b> , 13, 177-82	5.4	236
12	Evaluation of the effect of joint constraints on the in situ force distribution in the anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , <b>1997</b> , 15, 278-84	3.8	59
11	In-situ forces in the human posterior cruciate ligament in response to posterior tibial loading. <i>Annals of Biomedical Engineering</i> , <b>1996</b> , 24, 193-7	4.7	23
10	Forces and moments in six-DOF at the human knee joint: Mathematical description for control. <i>Journal of Biomechanics</i> , <b>1996</b> , 29, 1577-1585	2.9	101

9	Determination of the in situ forces and force distribution within the human anterior cruciate ligament. <i>Annals of Biomedical Engineering</i> , <b>1995</b> , 23, 467-74	4.7	116
8	The use of a universal force-moment sensor to determine in-situ forces in ligaments: a new methodology. <i>Journal of Biomechanical Engineering</i> , <b>1995</b> , 117, 1-7	2.1	178
7	Biomechanical function of the human anterior cruciate ligament. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , <b>1994</b> , 10, 140-7	5.4	79
6	Application of Robotics to Studies of Joint Biomechanics <b>1994</b> , 81-95		
5	Biomechanics of the ACL and ACL Reconstruction: New Concepts and Applications <b>1994</b> , 171-188		
4	Anatomy and Biomechanics of the Human Posterior Cruciate Ligament <b>1994</b> , 200-214		0
3	The use of robotics technology to study human joint kinematics: a new methodology. <i>Journal of Biomechanical Engineering</i> , <b>1993</b> , 115, 211-7	2.1	167
2	Determination of the in situ loads on the human anterior cruciate ligament. <i>Journal of Orthopaedic Research</i> , <b>1993</b> , 11, 686-95	3.8	115
1	Biology and Biomechanics of the Anterior Cruciate Ligament. <i>Clinics in Sports Medicine</i> , <b>1993</b> , 12, 637-670.6		101