

# Richard Gelberman

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,378  
citations

218381

26  
h-index

243296

44  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1425  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of early intermittent passive mobilization on healing canine flexor tendons. Journal of Hand Surgery, 1982, 7, 170-175.	0.7	357
2	The effects of multiple-strand suture methods on the strength and excision of repaired intrasynovial flexor tendons: A biomechanical study in dogs. Journal of Hand Surgery, 1998, 23, 97-104.	0.7	182
3	Intrasynovial Flexor Tendon Repair. Journal of Bone and Joint Surgery - Series A, 2001, 83, 891-899.	1.4	131
4	Adipose-derived mesenchymal stromal cells modulate tendon fibroblast responses to macrophage-induced inflammation in vitro. Stem Cell Research and Therapy, 2015, 6, 74.	2.4	110
5	The effects of frequency and duration of controlled passive mobilization on tendon healing. Journal of Orthopaedic Research, 1991, 9, 705-713.	1.2	102
6	Enhanced flexor tendon healing through controlled delivery of PDGF $\beta$ . Journal of Orthopaedic Research, 2009, 27, 1209-1215.	1.2	101
7	Expression of mRNA for vascular endothelial growth factor at the repair site of healing canine flexor tendon. Journal of Orthopaedic Research, 2000, 18, 247-252.	1.2	97
8	Recent Progress in Flexor Tendon Healing. Journal of Hand Therapy, 2005, 18, 80-85.	0.7	94
9	In vitro biomechanical analysis of suture methods for flexor tendon repair. Journal of Orthopaedic Research, 1993, 11, 603-611.	1.2	84
10	Effects of increased in vivo excursion on digital range of motion and tendon strength following flexor tendon repair. Journal of Orthopaedic Research, 1999, 17, 777-783.	1.2	77
11	Intercalary Flexor Tendon Grafts: A Morphological Study of Intrasynovial and Extrasynovial Donor Tendons. Scandinavian Journal of Plastic and Reconstructive Surgery and Hand Surgery, 1992, 26, 257-264.	0.6	73
12	The effect of mesenchymal stromal cell sheets on the inflammatory stage of flexor tendon healing. Stem Cell Research and Therapy, 2016, 7, 144.	2.4	73
13	Stem cell-derived extracellular vesicles attenuate the early inflammatory response after tendon injury and repair. Journal of Orthopaedic Research, 2020, 38, 117-127.	1.2	71
14	Orthopaedic Surgeons and the Medical Device Industry. Journal of Bone and Joint Surgery - Series A, 2010, 92, 765-777.	1.4	68
15	The Early Effects of Sustained Platelet-Derived Growth Factor Administration on the Functional and Structural Properties of Repaired Intrasynovial Flexor Tendons: An In Vivo Biomechanic Study at 3 Weeks in Canines. Journal of Hand Surgery, 2007, 32, 373-379.	0.7	66
16	Long-Term Outcomes Following a Single Corticosteroid Injection for Trigger Finger. Journal of Bone and Joint Surgery - Series A, 2014, 96, 1849-1854.	1.4	64
17	Combined Administration of ASCs and BMP-12 Promotes an M2 Macrophage Phenotype and Enhances Tendon Healing. Clinical Orthopaedics and Related Research, 2017, 475, 2318-2331.	0.7	63
18	The Effect of Suture Caliber and Number of Core Suture Strands on Zone II Flexor Tendon Repair: A Study in Human Cadavers. Journal of Hand Surgery, 2014, 39, 262-268.	0.7	49

#	ARTICLE	IF	CITATIONS
19	Variations in cellular proliferation and matrix synthesis in intrasynovial and extrasynovial tendons: An in vitro study in dogs. <i>Journal of Hand Surgery</i> , 1994, 19, 259-265.	0.7	43
20	The effect of adipose-derived stem cell sheets and CTGF on early flexor tendon healing in a canine model. <i>Scientific Reports</i> , 2018, 8, 11078.	1.6	37
21	Effects of local compression on peroneal nerve function in humans. <i>Journal of Orthopaedic Research</i> , 1993, 11, 818-827.	1.2	36
22	Long-Term Effectiveness of Repeat Corticosteroid Injections for Trigger Finger. <i>Journal of Hand Surgery</i> , 2017, 42, 227-235.	0.7	36
23	CTGF induces tenogenic differentiation and proliferation of adipose-derived stromal cells. <i>Journal of Orthopaedic Research</i> , 2019, 37, 574-582.	1.2	33
24	Autogenous flexor tendon grafts: Fibroblast activity and matrix remodeling in dogs. <i>Journal of Orthopaedic Research</i> , 1995, 13, 58-66.	1.2	31
25	Effect of adipose-derived stromal cells and BMP12 on intrasynovial tendon repair: A biomechanical, biochemical, and proteomics study. <i>Journal of Orthopaedic Research</i> , 2016, 34, 630-640.	1.2	31
26	Integrin Expression is Upregulated During Early Healing in a Canine Intrasynovial Flexor Tendon Repair and Controlled Passive Motion Model. <i>Connective Tissue Research</i> , 1998, 39, 309-316.	1.1	29
27	Trapeziometacarpal Arthritis: A Prospective Clinical Evaluation of the Thumb Adduction and Extension Provocative Tests. <i>Journal of Hand Surgery</i> , 2015, 40, 1285-1291.	0.7	27
28	Locking Plate Arthrodesis Compares Favorably with LRTI for Thumb Trapeziometacarpal Arthrosis: Early Outcomes from a Longitudinal Cohort Study. <i>HSS Journal</i> , 2017, 13, 54-60.	0.7	26
29	Functional Outcomes of Thumb Trapeziometacarpal Arthrodesis With a Locked Plate Versus Ligament Reconstruction and Tendon Interposition. <i>Journal of Hand Surgery</i> , 2017, 42, 685-692.	0.7	25
30	Autogenous intrasynovial and extrasynovial tendon grafts: An experimental study of pro $\alpha$ 1(I) collagen mRNA expression in dogs. <i>Journal of Orthopaedic Research</i> , 1995, 13, 459-463.	1.2	24
31	Cell and Biologic-Based Treatment of Flexor Tendon Injuries. <i>Operative Techniques in Orthopaedics</i> , 2016, 26, 206-215.	0.2	23
32	Shear lag sutures: Improved suture repair through the use of adhesives. <i>Acta Biomaterialia</i> , 2015, 23, 229-239.	4.1	20
33	The Impact of Uninterrupted Warfarin on Hand and Wrist Surgery. <i>Journal of Hand Surgery</i> , 2015, 40, 2133-2140.	0.7	19
34	Effect of connective tissue growth factor delivered via porous sutures on the proliferative stage of intrasynovial tendon repair. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2052-2063.	1.2	15
35	Flexor Tendon Injury and Repair. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, e36.	1.4	11
36	The Academic Chair: Achieving Success in a Rapidly Evolving Health-Care Environment. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e133.	1.4	10

#	ARTICLE	IF	CITATIONS
37	Maintenance of the gliding surface of tendon autografts in dogs. Acta Orthopaedica, 1994, 65, 548-552.	1.4	8
38	The effect of modified locking methods and suture materials on Zone II flexor tendon repair—An ex vivo study. PLoS ONE, 2018, 13, e0205121.	1.1	8
39	Surgical transposition for chronic instability of the extensor carpi ulnaris tendon. Journal of Hand Surgery: European Volume, 2018, 43, 925-930.	0.5	8
40	Enhanced Zone II Flexor Tendon Repair through a New Half Hitch Loop Suture Configuration. PLoS ONE, 2016, 11, e0153822.	1.1	7
41	Academic Orthopaedic Leadership: Current Challenges and Lessons Learned. Journal of Bone and Joint Surgery - Series A, 2018, 100, e103.	1.4	5
42	Metabolic regulation of intrasynovial flexor tendon repair: The effects of dichloroacetate administration on early tendon healing in a canine model. Journal of Orthopaedic Research, 2022, , .	1.2	2
43	Hand Surgery's Research Dilemma: A Lesson From Philip Hench. Journal of Hand Surgery, 2012, 37, 1824-1829.	0.7	1
44	The use of connective tissue growth factor mimics for flexor tendon repair. Journal of Orthopaedic Research, 2022, 40, 2754-2762.	1.2	1
45	Letter Regarding "Commentary on "The Impact of Uninterrupted Warfarin on Hand and Wrist Surgery"™". Journal of Hand Surgery, 2016, 41, 490.	0.7	0