

Kathleen A Derwin

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,676
citations

331670

21
h-index

189892

50
g-index

53
all docs

53
docs citations

53
times ranked

2401
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of tendon injury and repair. <i>Journal of Orthopaedic Research</i> , 2015, 33, 832-839.	2.3	381
2	Porcine Small Intestine Submucosa Augmentation of Surgical Repair of Chronic Two-Tendon Rotator Cuff Tears. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1238-1244.	3.0	353
3	Commercial Extracellular Matrix Scaffolds for Rotator Cuff Tendon Repair. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 2665-2672.	3.0	279
4	Scaffold devices for rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 251-265.	2.6	194
5	Extracellular matrix scaffold devices for rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2010, 19, 467-476.	2.6	179
6	Rotator Cuff Repair Augmentation in a Canine Model with Use of a Woven Poly-L-Lactide Device. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 1159-1171.	3.0	138
7	PORCINE SMALL INTESTINE SUBMUCOSA AUGMENTATION OF SURGICAL REPAIR OF CHRONIC TWO-TENDON ROTATOR CUFF TEARS. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 1238-1244.	3.0	114
8	Failure With Continuity in Rotator Cuff Repair "Healing". <i>American Journal of Sports Medicine</i> , 2013, 41, 134-141.	4.2	98
9	Preclinical Models for Translating Regenerative Medicine Therapies for Rotator Cuff Repair. <i>Tissue Engineering - Part B: Reviews</i> , 2010, 16, 21-30.	4.8	94
10	Proteoglycans and glycosaminoglycan fine structure in the mouse tail tendon fascicle. <i>Journal of Orthopaedic Research</i> , 2001, 19, 269-277.	2.3	84
11	Enthesis Repair. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e109.	3.0	72
12	Assessment of the canine model of rotator cuff injury and repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2007, 16, S140-S148.	2.6	55
13	Reinforced fascia patch limits cyclic gapping of rotator cuff repairs in a human cadaveric model. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 1680-1686.	2.6	50
14	Neer Award 2015: Analysis of cytokine profiles in the diagnosis of periprosthetic joint infections of the shoulder. <i>Journal of Shoulder and Elbow Surgery</i> , 2017, 26, 186-196.	2.6	50
15	Changes in gene expression of individual matrix metalloproteinases differ in response to mechanical unloading of tendon fascicles in explant culture. <i>Journal of Orthopaedic Research</i> , 2008, 26, 1306-1312.	2.3	45
16	Regional variability, processing methods, and biophysical properties of human fascia lata extracellular matrix. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 500-507.	4.0	40
17	Investigating muscle regeneration with a dermis/small intestinal submucosa scaffold in a rat full-thickness abdominal wall defect model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 355-364.	3.4	39
18	Early Wound Morbidity after Open Ventral Hernia Repair with Biosynthetic or Polypropylene Mesh. <i>Journal of the American College of Surgeons</i> , 2017, 225, 472-480e1.	0.5	39

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19	Mechanical characterization and biocompatibility of a novel reinforced fascia patch for rotator cuff repair. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 221-230.	4.0	31
20	Effect of altered mechanical load conditions on the structure and function of cultured tendon fascicles. <i>Journal of Orthopaedic Research</i> , 2008, 26, 364-373.	2.3	29
21	Clinically relevant mechanical testing of hernia graft constructs. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 41, 177-188.	3.1	23
22	Characterization of and host response to tyramine substituted-hyaluronan enriched fascia extracellular matrix. <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1465-1477.	3.6	21
23	An Update on Surgical Management of the Repairable Large-to-Massive Rotator Cuff Tear. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1742-1754.	3.0	20
24	Effect of pretension and suture needle type on mechanical properties of acellular human dermis patches for rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, 1413-1421.	2.6	17
25	Associations of Preoperative Patient Mental Health and Sociodemographic and Clinical Characteristics With Baseline Pain, Function, and Satisfaction in Patients Undergoing Rotator Cuff Repairs. <i>American Journal of Sports Medicine</i> , 2020, 48, 432-443.	4.2	17
26	Stepped Augmented Glenoid Component in Anatomic Total Shoulder Arthroplasty for B2 and B3 Glenoid Pathology. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1798-1806.	3.0	17
27	Hemolytic strains of <i>Propionibacterium acnes</i> do not demonstrate greater pathogenicity in periprosthetic shoulder infections. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1097-1104.	2.6	16
28	Validity and efficiency of a smartphone-based electronic data collection tool for operative data in rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1249-1256.	2.6	16
29	Relationship Between Glenoid Component Shift and Osteolysis After Anatomic Total Shoulder Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 1417-1430.	3.0	15
30	Mechanical properties of tyramine substituted- α -hyaluronan enriched fascia extracellular matrix. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 786-793.	4.0	13
31	Tear characteristics and surgeon influence repair technique and suture anchor use in repair of superior-posterior rotator cuff tendon tears. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 227-236.	2.6	12
32	Host response to xenograft ECM implantation is not different between the shoulder and body wall sites in the rat model. <i>Journal of Orthopaedic Research</i> , 2012, 30, 1725-1731.	2.3	11
33	Effect of implantation site and injury condition on host response to human-derived fascia lata ECM in a rat model. <i>Journal of Orthopaedic Research</i> , 2012, 30, 461-467.	2.3	11
34	Fiber-reinforced dermis graft for ventral hernia repair. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2014, 34, 320-329.	3.1	10
35	An Update on Scaffold Devices for Rotator Cuff Repair. <i>Techniques in Shoulder and Elbow Surgery</i> , 2017, 18, 101-112.	0.2	10
36	Exploratory study on the effect of osteoactivin on muscle regeneration in a rat volumetric muscle loss model. <i>PLoS ONE</i> , 2017, 12, e0175853.	2.5	9

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37	Three-dimensional computed tomography analysis of pathologic correction in total shoulder arthroplasty based on severity of preoperative pathology. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 237-249.	2.6	9
38	Human fascia lata ECM scaffold augmented with immobilized hyaluronan: inflammatory response and remodeling in the canine body wall and shoulder implantation sites. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 1-15.	3.5	8
39	Biomarkers of Rotator Cuff Disease Severity and Repair Healing. <i>JBJS Reviews</i> , 2018, 6, e9-e9.	2.0	8
40	Inter-rater agreement of rotator cuff tendon and muscle magnetic resonance imaging parameters evaluated preoperatively and during the first postoperative year following rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, e741-e752.	2.6	8
41	Augmentation with a reinforced acellular fascia lata strip graft limits cyclic gapping of supraspinatus repairs in a human cadaveric model. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 1105-1111.	2.6	7
42	Associations of preoperative patient mental health status and sociodemographic and clinical characteristics with baseline pain, function, and satisfaction in patients undergoing primary shoulder arthroplasty. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, e212-e224.	2.6	7
43	Assessment of Human Acellular Dermis Graft in Porcine Models for Ventral Hernia Repair. <i>Tissue Engineering - Part C: Methods</i> , 2017, 23, 718-727.	2.1	6
44	Development of a critical-sized ventral hernia model in the pig. <i>Journal of Surgical Research</i> , 2017, 210, 115-123.	1.6	5
45	Changes From Baseline in Patient- Reported Outcomes at 1 Year Versus 2 Years After Rotator Cuff Repair: A Systematic Review and Meta-analysis. <i>American Journal of Sports Medicine</i> , 2022, 50, 2304-2314.	4.2	5
46	A novel radiopaque tissue marker for soft tissue localization and in vivo length and area measurements. <i>PLoS ONE</i> , 2019, 14, e0224244.	2.5	3
47	Discovery to delivery in tendon research. <i>Journal of Orthopaedic Research</i> , 2020, 38, 5-6.	2.3	3
48	Development of an Arthroscopic Joint Capsule Injury Model in the Canine Shoulder. <i>PLoS ONE</i> , 2016, 11, e0147949.	2.5	2
49	Biodegradable hyaluronan hydrogel coatings on acellular dermis grafts—A potential strategy to improve biologic graft durability in hernia repair application. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2664-2672.	3.4	2
50	Variability of glenohumeral positioning and bone-to-tendon marker length measurements in repaired rotator cuffs from longitudinal computed tomographic imaging. <i>JSES International</i> , 2020, 4, 838-847.	1.6	1
51	Response to Corvec et al regarding “Hemolytic strains of <i>Propionibacterium acnes</i> do not demonstrate greater pathogenicity in periprosthetic shoulder infections”. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, e316-e317.	2.6	0
52	Effectiveness of a web-based electronic prospective data collection tool for surgical data in shoulder arthroplasty. <i>Seminars in Arthroplasty</i> , 2021, 31, 422-429.	0.7	0