George Ac Murrell

List of Publications by Year
in descending order

127 papers	6,341 citations	66343 42 h-index	66911 78 g-index
127 all docs	127 docs citations	127 times ranked	5025 citing authors

#	Article	IF	Citations
1	The Roles of Growth Factors in Tendon and Ligament Healing. Sports Medicine, 2003, 33, 381-394.	6.5	757
2	Mode of failure for rotator cuff repair with suture anchors identified at revision surgery. Journal of Shoulder and Elbow Surgery, 2003, 12, 128-133.	2.6	331
3	Reliability of five methods for assessing shoulder range of motion. Australian Journal of Physiotherapy, 2001, 47, 289-294.	0.9	299
4	Factors Predicting Rotator Cuff Retears. American Journal of Sports Medicine, 2014, 42, 1134-1142.	4.2	291
5	Apoptosis in rotator cuff tendonopathy. Journal of Orthopaedic Research, 2002, 20, 1372-1379.	2.3	244
6	Reliability of 3 methods for assessing shoulder strength. Journal of Shoulder and Elbow Surgery, 2002, 11, 33-39.	2.6	212
7	Genotype dependent and cigarette specific effects on endothelial nitric oxide synthase gene expression and enzyme activity. FEBS Letters, 2000, 471, 45-50.	2.8	203
8	Diagnosis of rotator cuff tears. Lancet, The, 2001, 357, 769-770.	13.7	193
9	Early Inflammatory Reaction after Rotator Cuff Repair with a Porcine Small Intestine Submucosal Implant. American Journal of Sports Medicine, 2005, 33, 907-911.	4.2	178
10	A comparison of clinical estimation, ultrasonography, magnetic resonance imaging, and arthroscopy in determining the size of rotator cuff tears. Journal of Shoulder and Elbow Surgery, 2002, 11, 219-224.	2.6	138
11	Nitric Oxide in Arthritis. Free Radical Biology and Medicine, 1998, 24, 1511-1519.	2.9	134
12	Intraoperative Determinants of Rotator Cuff Repair Integrity. American Journal of Sports Medicine, 2012, 40, 2771-2776.	4.2	116
13	An assessment of the interexaminer reliability of tests for shoulder instability. Journal of Shoulder and Elbow Surgery, 2004, 13, 18-23.	2.6	109
14	Topical Glyceryl Trinitrate Application in the Treatment of Chronic Supraspinatus Tendinopathy. American Journal of Sports Medicine, 2005, 33, 806-813.	4.2	109
15	Long-Term Outcomes After Arthroscopic Capsular Release for Idiopathic Adhesive Capsulitis. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1208-1216.	3.0	103
16	Three-year Followup Study of Topical Glyceryl Trinitrate Treatment of Chronic Noninsertional Achilles Tendinopathy. Foot and Ankle International, 2007, 28, 1064-1068.	2.3	98
17	Overexpression of antioxidant enzyme peroxiredoxin 5 protects human tendon cells against apoptosis and loss of cellular function during oxidative stress. Biochimica Et Biophysica Acta - Molecular Cell Research, 2004, 1693, 37-45.	4.1	97
18	Antioxidant Enzyme Peroxiredoxin 5 Is Upregulated in Degenerative Human Tendon. Biochemical and Biophysical Research Communications, 2001, 284, 667-673.	2.1	96

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19	Relationship Between Age and Rotator Cuff Retear. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1198-1205.	3.0	94
20	Open versus Two Forms of Arthroscopic Rotator Cuff Repair. Clinical Orthopaedics and Related Research, 2009, 467, 966-978.	1.5	91
21	Revision Versus Primary Arthroscopic Rotator Cuff Repair. American Journal of Sports Medicine, 2015, 43, 557-564.	4.2	90
22	Clinical Examination of the Unstable Shoulder. Sports Medicine, 2002, 32, 447-457.	6.5	83
23	Cell death and tendinopathy. Clinics in Sports Medicine, 2003, 22, 693-701.	1.8	81
24	Nitric oxide enhances collagen synthesis in cultured human tendon cells. Journal of Orthopaedic Research, 2006, 24, 159-172.	2.3	81
25	A randomised clinical trial evaluating the efficacy of physiotherapy after rotator cuff repair. Australian Journal of Physiotherapy, 2004, 50, 77-83.	0.9	77
26	Ultrasound changes after rotator cuff repair: is supraspinatus tendon thickness related to pain?. Journal of Shoulder and Elbow Surgery, 2013, 22, e8-e15.	2.6	65
27	Rotator cuff repair with bioabsorbable screws: An in vivo and ex vivo investigation. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2003, 19, 239-248.	2.7	64
28	Enhanced expression of neuronal proteins in idiopathic frozen shoulder. Journal of Shoulder and Elbow Surgery, 2012, 21, 1391-1397.	2.6	60
29	The role of nitric oxide in tendon healing. Journal of Shoulder and Elbow Surgery, 2012, 21, 238-244.	2.6	59
30	Expression and regulation of peroxiredoxin 5 in human osteoarthritis. FEBS Letters, 2002, 531, 359-362.	2.8	55
31	An Evaluation of the Effects of the Extent of Capsular Release and of Postoperative Therapy on the Temporal Outcomes of Adhesive Capsulitis. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2005, 21, 1105-1113.	2.7	55
32	Surgical Treatment of Lateral Epicondylitis: A Prospective, Randomized, Double-Blinded, Placebo-Controlled Clinical Trial. American Journal of Sports Medicine, 2018, 46, 1106-1113.	4.2	55
33	Oxygen free radicals and tendon healing. Journal of Shoulder and Elbow Surgery, 2007, 16, S208-S214.	2.6	50
34	Deletion of iNOS gene impairs mouse fracture healing. Bone, 2005, 37, 32-36.	2.9	49
35	The Relationship Between Shoulder Stiffness and Rotator Cuff Healing. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1879-1889.	3.0	49
36	Inhibition of colon cancer metastasis by a 3?- end antisense urokinase receptor mRNA in a nude mouse model. International Journal of Cancer, 2001, 92, 257-262.	5.1	46

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37	A Comparison of Outcomes After Arthroscopic Repair of Partial Versus Small or Medium-Sized Full-Thickness Rotator Cuff Tears. Journal of Bone and Joint Surgery - Series A, 2012, 94, 1078-1085.	3.0	46
38	Are the Symptoms of Calcific Tendinitis Due to Neoinnervation and/or Neovascularization?. Journal of Bone and Joint Surgery - Series A, 2016, 98, 186-192.	3.0	46
39	Ultrasound-Guided Versus Blind Subacromial Corticosteroid Injections for Subacromial Impingement Syndrome. American Journal of Sports Medicine, 2016, 44, 702-707.	4.2	46
40	Nitric Oxide in Skeletal Muscle: Inhibition of Nitric Oxide Synthase Inhibits Walking Speed in Rats. Nitric Oxide - Biology and Chemistry, 2001, 5, 219-232.	2.7	45
41	Denatured Muscle as a Nerve Conduit: A Functional, Morphologic, and Electrophysiologic Evaluation. Journal of Reconstructive Microsurgery, 1994, 10, 137-144.	1.8	44
42	Temporal expression of nitric oxide synthase isoforms in healing Achilles tendon. Journal of Orthopaedic Research, 2001, 19, 136-142.	2.3	44
43	Advanced glycation end products in idiopathic frozen shoulders. Journal of Shoulder and Elbow Surgery, 2016, 25, 981-988.	2.6	44
44	Alarmins in Frozen Shoulder: A Molecular Association Between Inflammation and Pain. American Journal of Sports Medicine, 2018, 46, 671-678.	4.2	44
45	Achilles Tendon Injuries: A Comparison of Surgical Repair Versus No Repair in a Rat Model. Foot & Ankle, 1993, 14, 400-406.	0.7	43
46	Frog glue enhances rotator cuff repair in a laboratory cadaveric model. Journal of Shoulder and Elbow Surgery, 2009, 18, 639-645.	2.6	43
47	Repair of Partial-Thickness Rotator Cuff Tears: A Biomechanical Analysis of Footprint Contact Pressure and Strength in an Ovine Model. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2010, 26, 877-884.	2.7	43
48	Tension, abduction, and surgical technique affect footprint compression after rotator cuff repair in an ovine model. Journal of Shoulder and Elbow Surgery, 2010, 19, 1018-1027.	2.6	41
49	Trauma versus no trauma: an analysis of the effect of tear mechanism on tendon healing in 1300 consecutive patients after arthroscopic rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2016, 25, 12-21.	2.6	41
50	Adenovirus-mediated gene transfer to healing tendonâ€"enhanced efficiency using a gelatin sponge. Journal of Orthopaedic Research, 2003, 21, 604-609.	2.3	40
51	Oxidative stress-induced c-Jun N-terminal kinase (JNK) activation in tendon cells upregulates MMP1 mRNA and protein expression. Journal of Orthopaedic Research, 2007, 25, 378-389.	2.3	34
52	The effect of concomitant glenohumeral joint capsule release during rotator cuff repairâ€"a comparative study. Journal of Shoulder and Elbow Surgery, 2016, 25, 714-722.	2.6	34
53	Microarray analysis of healing rat Achilles tendon: Evidence for glutamate signaling mechanisms and embryonic gene expression in healing tendon tissue. Journal of Orthopaedic Research, 2006, 24, 842-855.	2.3	33
54	Evaluating the Outcomes of Rotator Cuff Repairs With Polytetrafluoroethylene Patches for Massive and Irreparable Rotator Cuff Tears With a Minimum 2-Year Follow-up. American Journal of Sports Medicine, 2018, 46, 3155-3164.	4.2	33

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55	Meniscal Repair With a New Biological Glue. Techniques in Knee Surgery, 2008, 7, 261-265.	0.1	31
56	Addition of nitric oxide via nitroflurbiprofen enhances the material properties of early healing of young rat Achilles tendons. Inflammation Research, 2003, 52, 230-237.	4.0	28
57	Inhibition of urokinase receptor gene expression and cell invasion by anti-uPAR DNAzymes in osteosarcoma cells. FEBS Journal, 2005, 272, 3572-3582.	4.7	28
58	Effects of Exercise on Achilles Tendon Healing in a Rat Model. Foot and Ankle International, 1998, 19, 598-603.	2.3	27
59	The Orthopaedic Research Instituteâ€“Tennis Elbow Testing System: a modified chair pick-up testâ€”interrater and intrarater reliability testing and validity for monitoring lateral epicondylosis. Journal of Shoulder and Elbow Surgery, 2004, 13, 72-77.	2.6	27
60	Short-term outcomes after arthroscopic capsular release for adhesive capsulitis. Journal of Shoulder and Elbow Surgery, 2016, 25, e256-e264.	2.6	27
61	Counterforce bracing of lateral epicondylitis: a prospective, randomized, double-blinded, placebo-controlled clinical trial. Journal of Shoulder and Elbow Surgery, 2019, 28, 288-295.	2.6	24
62	Reliability of shear wave elastography ultrasound to assess the supraspinatus tendon: An intra and inter-rater inÂvivo study. Shoulder and Elbow, 2020, 12, 18-23.	1.5	24
63	Advances in the Management of Traumatic Anterior and Atraumatic Multidirectional Shoulder Instability. Sports Medicine, 2001, 31, 819-828.	6.5	23
64	Gene expression changes in SNAP-stimulated and iNOS-transfected tenocytesâ€”expression of extracellular matrix genes and its implications for tendon-healing. Journal of Orthopaedic Research, 2006, 24, 1869-1882.	2.3	23
65	Efficacy of Recombinant Human Manganese Superoxide Dismutase Compared to Allopurinol in Protection of Ischemic Skeletal Muscle Against â€œNo-Reflowâ€• Journal of Reconstructive Microsurgery, 1995, 11, 207-214.	1.8	21
66	Ultrasound determination of rotator cuff tear repairability. Shoulder and Elbow, 2016, 8, 14-21.	1.5	20
67	Factors Predicting Frequency and Severity of Postoperative Pain After Arthroscopic Rotator Cuff Repair Surgery. American Journal of Sports Medicine, 2021, 49, 146-153.	4.2	20
68	Addition of Nitric Oxide Through Nitric Oxide-paracetamol Enhances Healing Rat Achilles Tendon. Clinical Orthopaedics and Related Research, 2008, 466, 1618-1624.	1.5	18
69	Anteroposterior tear size, age, hospital, and case number are important predictors of repair integrity: an analysis of 1962 consecutive arthroscopic single-row rotator cuff repairs. Journal of Shoulder and Elbow Surgery, 2021, 30, 1907-1914.	2.6	18
70	The Rotator Cuff Functional Index. American Journal of Sports Medicine, 2006, 34, 956-960.	4.2	16
71	The Relationship Between Intraoperative Tear Dimensions and Postoperative Pain in 1624 Consecutive Arthroscopic Rotator Cuff Repairs. American Journal of Sports Medicine, 2017, 45, 788-793.	4.2	16
72	Expression of urokinase-type plasminogen activator and its receptor is up-regulated during tendon healing. Journal of Orthopaedic Research, 2003, 21, 819-825.	2.3	15

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73	The effect of rotator cuff repair on early overhead shoulder function: a study in 1600 consecutive rotator cuff repairs. Journal of Shoulder and Elbow Surgery, 2017, 26, 20-29.	2.6	15
74	Preventing brachial plexus injury during shoulder surgery: a real-time cadaveric study. Journal of Shoulder and Elbow Surgery, 2018, 27, 912-922.	2.6	15
75	Shoulder stiffness after rotator cuff repair: theÂfate of stiff shoulders up to 9 years afterÂrotator cuff repair. Journal of Shoulder and Elbow Surgery, 2020, 29, 1323-1331.	2.6	15
76	Factors Affecting the Outcomes of Arthroscopic Capsular Release for Idiopathic Adhesive Capsulitis. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711986762.	1.7	14
77	Biomechanical comparison of expanded polytetrafluoroethylene (ePTFE) and PTFE interpositional patches and direct tendon-to-bone repair for massive rotator cuff tears in an ovine model. Shoulder and Elbow, 2016, 8, 22-31.	1.5	13
78	A Randomized, Double-Blinded, Placebo-Controlled Clinical Trial Evaluating the Effectiveness of Daily Vibration After Arthroscopic Rotator Cuff Repair. American Journal of Sports Medicine, 2015, 43, 2774-2782.	4.2	12
79	Not all ultrasounds are created equal: general sonography versus musculoskeletal sonography in the detection of rotator cuff tears. Shoulder and Elbow, 2016, 8, 250-257.	1.5	11
80	Effect of surgeon-sonographer interaction on ultrasound diagnosis of rotator cuff tears: a five-year cohort study in 775 shoulders. Journal of Shoulder and Elbow Surgery, 2016, 25, 1385-1394.	2.6	11
81	Brachial Plexus Injuries During Shoulder Arthroplasty. Techniques in Shoulder and Elbow Surgery, 2014, 15, 109-114.	0.2	10
82	Arthroscopic Rotator Cuff Repair Using the Undersurface Technique. Orthopaedic Journal of Sports Medicine, 2015, 3, 232596711560580.	1.7	10
83	Scapulothoracic fusion for a stroke patient with Achilles tendon allograft. Journal of Shoulder and Elbow Surgery, 2000, 9, 342-343.	2.6	9
84	Return to Sport at 6 Months After Shoulder Surgery. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711983407.	1.7	9
85	Are we getting any better? A study on repair integrity in 1600 consecutive arthroscopic rotator cuff repairs. JSES Open Access, 2019, 3, 12-20.	0.9	9
86	The temporal outcomes of open versus arthroscopic knotted and knotless rotator cuff repair over 5 years. Shoulder and Elbow, 2015, 7, 244-255.	1.5	8
87	A Novel, Fast, Safe, and Effective All-Inside Arthroscopic Rotator Cuff Repair Technique: Results of 1000 Consecutive Cases. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711986408.	1.7	8
88	The Rotator Cuff. Sports Medicine, 2003, 33, 993-1002.	6.5	7
89	Treatment of shoulder dislocation: is a sling appropriate?. Medical Journal of Australia, 2003, 179, 370-371.	1.7	7
90	Duration of Surgery and Learning Curve Affect Rotator Cuff Repair Retear Rates: A Post Hoc Analysis of 1600 Cases. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712095434.	1.7	7

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91	Return to Work Following Shoulder Surgery. JBJS Open Access, 2020, 5, e19.00081-e19.00081.	1.5	7
92	Reply: measurement of posterior capsule thickness. Journal of Shoulder and Elbow Surgery, 2013, 22, e17.	2.6	6
93	A Comparison of Permanent Anchors Versus Biodegradable Anchors and Tacks for Arthroscopic Shoulder Stabilization. Techniques in Shoulder and Elbow Surgery, 2018, 19, 1-7.	0.2	6
94	The biomechanical effects of polytetrafluoroethylene suture augmentations in lateral-row rotator cuff repairs in an ovine model. Journal of Shoulder and Elbow Surgery, 2014, 23, 1545-1552.	2.6	5
95	Is Acromioplasty of Benefit for Rotator Cuff Repair?. Techniques in Shoulder and Elbow Surgery, 2015, 16, 32-37.	0.2	5
96	Cytotoxicity and biomechanics of suture anchors used in labral repairs. JSES Open Access, 2019, 3, 29-36.	0.9	5
97	A review of bone grafting techniques for glenoid reconstruction. Shoulder and Elbow, 2022, 14, 123-134.	1.5	5
98	The fate of sutures post rotator cuff repair. Journal of Shoulder and Elbow Surgery, 2021, 30, e753-e764.	2.6	5
99	Biomechanical evaluation of an independent acromioclavicular ligament repair for acromioclavicular joint reconstruction. Shoulder and Elbow, 2020, 12, 184-192.	1.5	4
100	Can handheld dynamometry predict rotator cuff tear size? A study in 2100 consecutive patients. Journal of Shoulder and Elbow Surgery, 2020, 29, 1152-1161.	2.6	4
101	Lateralized Versus Nonlateralized Reverse Shoulder Arthroplasty: Impact on Clinical and Functional Outcomes. Techniques in Shoulder and Elbow Surgery, 2020, 21, 89-96.	0.2	4
102	Stiffness: friend or foe? A cohort study evaluating the effect of early postoperative stiffness on the outcomes of patients who underwent superior labral repair. Journal of Shoulder and Elbow Surgery, 2021, 30, 1018-1024.	2.6	4
103	The biology of rotator cuff tears. Current Orthopaedic Practice, 2008, 19, 516-523.	0.2	3
104	Buckle-Down Technique for the Bony Reconstruction of Large Anterior Glenoid Defects. Techniques in Shoulder and Elbow Surgery, 2018, 19, 179-186.	0.2	3
105	Repair Integrity in Patients Returning for an Unscheduled Visit After Arthroscopic Rotator Cuff Repair: Retorn or Not?. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711877506.	1.7	3
106	Comparing clinical outcomes between rotator cuff repairs, SLAP repairs, and combined repairs. JSES International, 2020, 4, 875-881.	1.6	3
107	The glenoid labrum: does labral lesion location matter?. JSES International, 2020, 4, 765-771.	1.6	3
108	28. The Effects of Running on Intervertebral Disc Extracellular Matrix Production in Rats. Spine Journal, 2009, 9, 15S-16S.	1.3	2

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109	â€ Stiffness/capsulitis and rotator cuff repairâ€"friend or foe?. Journal of Shoulder and Elbow Surgery, 2017, 26, e326-e327.	2.6	2
110	The Effects of Smoking on Shoulder Stiffness Following Arthroscopic Rotator Cuff Repair. Techniques in Shoulder and Elbow Surgery, 2018, 19, 111-117.	0.2	2
111	The Effect of Concomitant Glenohumeral Joint Capsule Release During Rotator Cuff Repair: AÂComparative Study of 195 Arthroscopic Rotator Cuff Repairs. Journal of Shoulder and Elbow Surgery, 2015, 24, e239.	2.6	1
112	Prospective, Randomized, Double-Blind, Placebo-Controlled Clinical Trial Assessing the Effects of Applying a Force to C5 by a Mechanically Assisted Instrument on Referred Pain to the Shoulder. Spine, 2018, 43, 461-466.	2.0	1
113	A Novel Surgical Technique for Interpositional ePTFE Patch Repair of Massive Irreparable Rotator Cuff Tears. Techniques in Shoulder and Elbow Surgery, 2018, 19, 118-123.	0.2	1
114	The fate of hypoechoic cleft. JSES Open Access, 2019, 3, 201-207.	0.9	1
115	Techniques for Interpositional Graft Reconstruction for Massive Irreparable Rotator Cuff Tears. Techniques in Shoulder and Elbow Surgery, 2019, 20, 5-11.	0.2	1
116	Augmentation of rotator cuff repair with gelatinâ€"resorcinâ€"formalin glue: a biomechanical study. Shoulder and Elbow, 2022, 14, 71-75.	1.5	1
117	Short-Term to Mid-Term Outcomes of Arthroscopic Stabilization Using PEEK Knotless Anchors. Techniques in Shoulder and Elbow Surgery, 2020, 21, 15-21.	0.2	1
118	What Is the Right Timing for Arthroscopic Capsular Release of a Frozen Shoulder? Response. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712090370.	1.7	1
119	Methodological concerns do not undermine the principal conclusions. (Reply to comment on Hayes et) Tj ETQq1 1 0.784314 rgBT /Ov	0.9	0
120	Arthroscopic Capsular Release for Idiopathic Adhesive Capsulitis. JBJS Essential Surgical Techniques, 2013, 3, e2.	0.8	0
121	67â€…The Interleukin 17/mast Cell Axis In Early Human Tendinopathy. British Journal of Sports Medicine, 2014, 48, A43.2-A44.	6.7	0
122	Use of a Novel Hybrid Suture Technique for Arthroscopic Rotator Cuff Repair: A Biomechanical Study. Techniques in Shoulder and Elbow Surgery, 2018, 19, 51-54.	0.2	0
123	Counterforce Bracing of Lateral Epicondylitis: A Prospective, Randomised, Double Blinded, Placebo Controlled Clinical Trial. Journal of Shoulder and Elbow Surgery, 2019, 28, e286-e287.	2.6	0
124	Movement Patterns of the Shoulder Post Synthetic Interpositional PTFE Patch Repair for Large Rotator Cuff Tears. Techniques in Shoulder and Elbow Surgery, 2019, 20, 39-46.	0.2	0
125	Is timing of superior labrum anterior to posterior (SLAP) repair important? A cohort study evaluating the effect of the duration of symptoms prior to surgery on the outcomes of patients who underwent type II SLAP repair. Shoulder and Elbow, 0, , 175857322110158.	1.5	0
126	Pain, paraesthesia and the rotator cuff: the prevalence and magnitude of shoulder pain and hand numbness and tingling before and after rotator cuff repair.. JSES International, 2022, , .	1.6	0

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127	Postoperative Pain and Paresthesia in Labral Repairs of the Shoulder: Location Does Matter. Orthopaedic Journal of Sports Medicine, 2022, 10, 232596712211050.	1.7	0