

# Eric C Makhni

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

2,274  
citations

236833

25  
h-index

276775

41  
g-index

109  
all docs

109  
docs citations

109  
times ranked

1876  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient-Reported Outcomes Measurement Information System (PROMIS) Physical Function Instruments Compare Favorably With Legacy Patient-Reported Outcome Measures in Upper- and Lower-Extremity Orthopaedic Patients: A Systematic Review of the Literature. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 609-631.	1.3	11
2	Trends in Patient-Reported Outcomes Measurement Information System Scores Exist Between Day of Surgical Scheduling and Day of Surgery. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 139-144.	1.3	4
3	Risk factors for failure to achieve minimal clinically important difference and significant clinical benefit in PROMIS computer adaptive test domains in patients undergoing rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2022, 31, 1416-1425.	1.2	8
4	Institution Origin and Medical School Rank Impact the Citation Frequency and Publication Rate in Orthopaedic Sports Medicine Journals. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2022, 4, e295-e300.	0.8	4
5	Time-Driven Activity-Based Costing Accurately Determines Bundle Cost for Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 2370-2377.	1.3	8
6	In Vivo Static Retraction and Dynamic Elongation of Rotator Cuff Repair Tissue After Surgical Repair: A Preliminary Analysis at 3 Months. <i>Orthopaedic Journal of Sports Medicine</i> , 2022, 10, 232596712210842.	0.8	1
7	Preoperative Opioid Use Is Associated With Inferior Patient-Reported Outcomes Measurement Information System Scores Following Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2022, 38, 2787-2797.	1.3	0
8	The Current Utilization of Patient-reported Outcome Measurement Information System in Shoulder, Elbow, and Sports Medicine. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2022, 30, 554-562.	1.1	6
9	The relationship between shoulder range of motion and elbow stress in college pitchers. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 504-511.	1.2	9
10	Establishing and comparing reference preoperative Patient-Reported Outcomes Measurement Information System (PROMIS) scores in patients undergoing shoulder surgery. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 1223-1229.	1.2	4
11	Preoperative Patient-Centric Predictors of Postoperative Outcomes in Patients Undergoing Arthroscopic Meniscectomy. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 964-971.	1.3	14
12	Time-Driven Activity-Based Costing Provides a Lower and More Accurate Assessment of Costs in the Field of Orthopaedic Surgery Compared With Traditional Accounting Methods. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 1620-1627.	1.3	20
13	The Presence of Preoperative Depression Symptoms Does Not Hinder Recovery After Anterior Cruciate Ligament Reconstruction. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712097021.	0.8	5
14	Monitoring the Throwing Motion: Current State of Wearables and Analytics. , 2021, , 27-35.		0
15	Arthroscopic Repair of Humeral Avulsion of the Glenohumeral Ligament Lesion With Capsular Plication in the Lateral Decubitus Position. <i>Arthroscopy Techniques</i> , 2021, 10, e569-e574.	0.5	4
16	Elbow Torque Is Reduced in Asymptomatic College Pitchers With Elbow Laxity: A Dynamic Ultrasound Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 852-861.	1.3	6
17	Pain Is the Primary Factor Associated With Satisfaction With Symptoms for New Patients Presenting to the Orthopedic Clinic. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 2272-2278.	1.3	5
18	Patients With Preoperative Clinical Depression Symptomology Experience Significant Improvements in Postoperative Pain, Function, and Depressive Symptoms Following Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, 3408-3413.	1.3	8

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19	Ultrasound shear wave elastography and its association with rotator cuff tear characteristics. <i>JSES International</i> , 2021, 5, 500-506.	0.7	10
20	The Benefits of Capturing PROMs in the EMR. <i>NEJM Catalyst</i> , 2021, 2, .	0.4	8
21	Arthroscopic Repair of Batterâ€™s Shoulder. <i>Video Journal of Sports Medicine</i> , 2021, 1, 263502542110218.	0.1	0
22	Quadriceps Tendon Repair Using Double-Row Suture Anchor Fixation. <i>Arthroscopy Techniques</i> , 2021, 10, e2337-e2342.	0.5	3
23	The PROMIS CAT Demonstrates Responsiveness in Patients After ACL Reconstruction Across Numerous Health Domains. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712097999.	0.8	6
24	Investigating the PROMIS Physical Function and Pain Interference Domains in Elite Athletes. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712097019.	0.8	3
25	The Effect of the Crow Hop on Elbow Stress During an Interval Throwing Program. <i>American Journal of Sports Medicine</i> , 2021, 49, 359-363.	1.9	6
26	Meaningful Clinical Applications of Patient-Reported Outcome Measures in Orthopaedics. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 84-91.	1.4	47
27	Artificial Intelligence for the Orthopaedic Surgeon: An Overview of Potential Benefits, Limitations, and Clinical Applications. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, 235-243.	1.1	33
28	Older, Male Orthopaedic Surgeons From Southern Geographies Prescribe Higher Doses of Post-Operative Narcotics Than do their Counterparts: A Medicare Population Study. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1577-e1583.	0.8	1
29	Preoperative Patient-Reported Outcomes Measurement Information System Computerized Adaptive Testing (PROMIS CAT) Scores Predict Achievement of Minimum Clinically Important Difference Following Anterior Cruciate Ligament Reconstruction Using an Anchor-Based Methodology. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1891-e1898.	0.8	6
30	Elbow Torque May be Predictive of Anatomic Adaptations to the Elbow After a Season of Collegiate Pitching: A Dynamic Ultrasound Study. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1843-e1851.	0.8	3
31	Cost analysis of Tommy John surgery for Major League Baseball teams. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 121-125.	1.2	20
32	What Are the Floor and Ceiling Effects of Patient-Reported Outcomes Measurement Information System Computer Adaptive Test Domains in Orthopaedic Patients? A Systematic Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 901-912.e7.	1.3	31
33	Importance of radar gun inclusion during return-to-throwing rehabilitation following ulnar collateral ligament reconstruction in baseball pitchers: a simulation study. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 587-592.	1.2	15
34	Predictors of elbow torque among professional baseball pitchers. <i>Journal of Shoulder and Elbow Surgery</i> , 2020, 29, 316-320.	1.2	24
35	Comprehensive Arthroscopic Shoulder Stabilization in the Lateral Decubitus Position. <i>Arthroscopy Techniques</i> , 2020, 9, e1601-e1606.	0.5	3
36	Pediatric PROMIS Computer Adaptive Tests Are Highly Correlated With Adult PROMIS Computer Adaptive Tests in Pediatric Sports Medicine Patients. <i>American Journal of Sports Medicine</i> , 2020, 48, 3620-3625.	1.9	3

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37	Machine Learning Outperforms Regression Analysis to Predict Next-Season Major League Baseball Player Injuries: Epidemiology and Validation of 13,982 Player-Years From Performance and Injury Profile Trends, 2000-2017. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712096304.	0.8	27
38	Using Wearable Technology to Evaluate the Kinetics and Kinematics of the Overhead Throwing Motion in Baseball Players. <i>Arthroscopy Techniques</i> , 2020, 9, e1429-e1431.	0.5	4
39	Primary Repair of Proximal Ulnar Collateral Ligament Ruptures in Pediatric Overhead Athletes. <i>Arthroscopy Techniques</i> , 2020, 9, e639-e643.	0.5	5
40	Approach to the Patient With Failed Hip Arthroscopy for Labral Tears and Femoroacetabular Impingement. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2020, 28, 538-545.	1.1	16
41	Open Acromioclavicular Joint Reconstruction With Semitendinosus Allograft Utilizing the Cerclage Technique. <i>Arthroscopy Techniques</i> , 2020, 9, e505-e511.	0.5	4
42	Editorial Commentary: Making the Leap to the Patient-Reported Outcomes Measurement Information System: A Paradigm Shift That Will Ultimately Benefit Our Patients. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2020, 36, 521-523.	1.3	2
43	Anatomic Evaluation of the Interportal Capsulotomy Made with the Modified Anterior Portal versus Standard Anterior Portal: Comparable Utility with Decreased Capsule Morbidity. <i>Hip and Pelvis</i> , 2020, 32, 42-49.	0.6	2
44	Quality and Variability of Online Physical Therapy Protocols for Isolated Meniscal Repairs. <i>Journal of Knee Surgery</i> , 2019, 32, 544-549.	0.9	6
45	Hamstring Injury Trends in Major and Minor League Baseball: Epidemiological Findings From the Major League Baseball Health and Injury Tracking System. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711986106.	0.8	17
46	Using a Web-Based Data Collection Platform to Implement an Effective Electronic Patient-Reported Outcome Registry. <i>Arthroscopy Techniques</i> , 2019, 8, e535-e539.	0.5	14
47	Open Gluteus Medius and Minimus Repair With Double-Row Technique and Bioinductive Implant Augmentation. <i>Arthroscopy Techniques</i> , 2019, 8, e585-e589.	0.5	14
48	Do anatomic changes found in the throwing arm after a season of pitching resolve with off-season rest? A dynamic ultrasound study. <i>JSES Open Access</i> , 2019, 3, 338-343.	0.9	10
49	PROMIS CAT forms demonstrate responsiveness in patients following arthroscopic rotator cuff repair across numerous health domains. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 2427-2432.	1.2	26
50	Relationship Between Glenohumeral Internal Rotation Deficit and Medial Elbow Torque in High School Baseball Pitchers. <i>American Journal of Sports Medicine</i> , 2019, 47, 2821-2826.	1.9	14
51	Nonoperative Treatment of Medial Ulnar Collateral Ligament Injuries in the Throwing Athlete. <i>JBJS Reviews</i> , 2019, 7, e6-e6.	0.8	6
52	Impact of ball weight on medial elbow torque in youth baseball pitchers. <i>Journal of Shoulder and Elbow Surgery</i> , 2019, 28, 1484-1489.	1.2	24
53	Feasibility of PROMIS CAT Administration in the Ambulatory Sports Medicine Clinic With Respect to Cost and Patient Compliance: A Single-Surgeon Experience. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711882187.	0.8	27
54	Editorial Commentary: A Primer on the Patient-Reported Outcomes Measurement Information System—Understanding How This Powerful Tool Can Be Used for Clinical and Research Gains. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 775-777.	1.3	4

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55	The Remote Completion Rate of Electronic Patient-Reported Outcome Forms Before Scheduled Clinic Visits—A Proof-of-Concept Study Using Patient-Reported Outcome Measurement Information System Computer Adaptive Test Questionnaires. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2019, 3, e19.00038.	0.4	10
56	Establishing “Normal” Patient-Reported Outcomes Measurement Information System Physical Function and Pain Interference Scores. <i>JBJS Open Access</i> , 2019, 4, e0019.	0.8	16
57	Floor and Ceiling Effects, Time to Completion, and Question Burden of PROMIS CAT Domains Among Shoulder and Knee Patients Undergoing Nonoperative and Operative Treatment. <i>JBJS Open Access</i> , 2019, 4, e0015.	0.8	40
58	Impact of Patient Demographic Factors on Preoperative Patient-Reported Outcomes Measurement Information System (PROMIS) Physical Function, Pain Interference, and Depression Computer Adaptive Testing Scores in Patients Undergoing Shoulder and Elbow Surgery. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711988454.	0.8	9
59	Mental Health and Tobacco Use Are Correlated With Physical Function Outcomes in Patients With Knee Pain and Injury. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 3295-3301.	1.3	9
60	Electronic Patient-Reported Outcome Collection Systems in Orthopaedic Clinical Practice. <i>JBJS Reviews</i> , 2019, 7, e2-e2.	0.8	15
61	Reconsidering Strategies for Managing Chronic Periprosthetic Joint Infection in Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 14-24.	1.4	46
62	Length of Time Between Anterior Cruciate Ligament Reconstruction and Return to Sport Does Not Predict Need for Revision Surgery in National Football League Players. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2019, 35, 158-162.	1.3	24
63	Abnormal tibial alignment is a risk factor for lateral meniscus posterior root tears in patients with anterior cruciate ligament ruptures. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 590-595.	2.3	19
64	The Responsiveness of Patient- Reported Outcome Tools in Shoulder Surgery Is Dependent on the Underlying Pathological Condition. <i>American Journal of Sports Medicine</i> , 2019, 47, 241-247.	1.9	29
65	Using Patient-Reported Outcome Measurement Information System Computer Adaptive Testing Domains to Investigate the Impact of Obesity on Physical Function, Pain Interference, and Mental Health in Sports Medicine Patients. <i>Journal of Obesity and Metabolic Syndrome</i> , 2019, 28, 246-253.	1.5	2
66	Three-dimensional printing improves osteochondral allograft placement in complex cases. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2018, 26, 3601-3605.	2.3	8
67	The Effect of Platelet-Rich Fibrin Matrix at the Time of Gluteus Medius Repair: A Retrospective Comparative Study. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 832-841.	1.3	21
68	Patient-Reported Outcomes Measurement Information System and Legacy Patient-Reported Outcome Measures in the Field of Orthopaedics: A Systematic Review. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 605-614.	1.3	111
69	Implications of Core and Hip Injuries on Major League Baseball Pitchers on the Disabled List. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 473-478.	1.3	36
70	Assessment of Elbow Torque and Other Parameters During the Pitching Motion: Comparison of Fastball, Curveball, and Change-up. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 816-822.	1.3	63
71	Performance, Return to Play, and Career Longevity After Ulnar Collateral Ligament Reconstruction in Professional Catchers. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2018, 34, 1809-1815.	1.3	26
72	High Degree of Variability in Reporting of Clinical and Patient-Reported Outcomes After Hip Arthroscopy. <i>American Journal of Sports Medicine</i> , 2018, 46, 3040-3046.	1.9	41

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73	Anterolateral Ligament Reconstruction Practice Patterns Across the United States. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711881106.	0.8	24
74	Team Approach: Clinical Outcome Collection, Done Practically. JBJS Reviews, 2018, 6, e5-e5.	0.8	5
75	How Long Does It Take for Patients to Complete PROMIS Scores? An Assessment of PROMIS CAT Questionnaires Administered at an Ambulatory Sports Medicine Clinic. Orthopaedic Journal of Sports Medicine, 2018, 6, 232596711879118.	0.8	39
76	Effect of Fatigue on Medial Elbow Torque in Baseball Pitchers: A Simulated Game Analysis. American Journal of Sports Medicine, 2018, 46, 2509-2513.	1.9	44
77	The Effect of Abnormal Vitamin D Levels in Athletes. , 2018, 22, 17-216.		22
78	Predictors of Elbow Torque Among Youth and Adolescent Baseball Pitchers. American Journal of Sports Medicine, 2018, 46, 2148-2153.	1.9	60
79	The Correlation Between PROMIS Pain Interference and VAS Pain in Ambulatory Orthopedic Patients. Orthopedics, 2018, 41, e813-e819.	0.5	16
80	Complete Rupture of the Triceps Tendon and Ulnar Collateral Ligament of the Elbow in a 13-Year-Old Football Player: A Case Report. Journal of Orthopaedic Case Reports, 2018, 8, 15-18.	0.1	5
81	Outcomes After Shoulder and Elbow Injury in Baseball Players: Are We Reporting What Matters?. American Journal of Sports Medicine, 2017, 45, 495-500.	1.9	20
82	Patient Reported Outcomes Measurement Information System (PROMIS) in the upper extremity: the future of outcomes reporting?. Journal of Shoulder and Elbow Surgery, 2017, 26, 352-357.	1.2	89
83	Editorial Commentary: Are We Comparing Apples to Oranges? The Need for Standardized Outcomes Reporting in Orthopaedic Surgery. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, 484-485.	1.3	11
84	How Comprehensive and Efficient Are Patient-Reported Outcomes for Rotator Cuff Tears?. Orthopaedic Journal of Sports Medicine, 2017, 5, 232596711769322.	0.8	26
85	Technology assessment and cost-effectiveness in orthopedics: how to measure outcomes and deliver value in a constantly changing healthcare environment. Current Reviews in Musculoskeletal Medicine, 2017, 10, 233-239.	1.3	21
86	A Critical Review. Clinics in Sports Medicine, 2017, 36, 573-586.	0.9	14
87	Publication Rates of Podium Presentation Abstracts at the Arthroscopy Association of North America Annual Meetings 2004-2012. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, 835-839.	1.3	13
88	Societal costs in displaced transverse olecranon fractures: using decision analysis tools to find the most cost-effective strategy between tension band wiring and locked plating. Journal of Shoulder and Elbow Surgery, 2017, 26, 1995-2003.	1.2	15
89	Variability and Comprehensiveness of North American Online Available Physical Therapy Protocols Following Hip Arthroscopy for Femoroacetabular Impingement and Labral Repair. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, 1998-2005.	1.3	22
90	Patient Compliance With Electronic Patient Reported Outcomes Following Shoulder Arthroscopy. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, 1940-1946.	1.3	28



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91	Clinical Evaluation and Physical Exam Findings in Patients with Anterior Shoulder Instability. <i>Current Reviews in Musculoskeletal Medicine</i> , 2017, 10, 434-441.	1.3	34
92	A Comparison of Clinical Outcomes After Unilateral or Bilateral Hip Arthroscopic Surgery: Age- and Sex-Matched Cohort Study. <i>American Journal of Sports Medicine</i> , 2017, 45, 3044-3051.	1.9	27
93	Visualization of the Capitellum During Elbow Arthroscopy: A Comparison of 3 Portal Techniques. <i>Orthopaedic Journal of Sports Medicine</i> , 2017, 5, 232596711771222.	0.8	3
94	The Youth Throwing Score: Validating Injury Assessment in Young Baseball Players. <i>American Journal of Sports Medicine</i> , 2017, 45, 317-324.	1.9	18
95	Quality and Variability of Online Available Physical Therapy Protocols From Academic Orthopaedic Surgery Programs for Anterior Cruciate Ligament Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1612-1621.	1.3	43
96	Revision Arthroscopic Repair Versus Latarjet Procedure in Patients With Recurrent Instability After Initial Repair Attempt: A Cost-Effectiveness Model. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1764-1770.	1.3	29
97	Cost-Effectiveness of Reverse Total Shoulder Arthroplasty Versus Arthroscopic Rotator Cuff Repair for Symptomatic Large and Massive Rotator Cuff Tears. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1771-1780.	1.3	61
98	Outcomes After Patch Use in Rotator Cuff Repair. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 1676-1690.	1.3	97
99	Variable reporting of functional outcomes and return to play in superior labrum anterior and posterior tear. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, 1896-1905.	1.2	22
100	Comprehensiveness of Outcome Reporting in Studies of Articular Cartilage Defects of the Knee. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2016, 32, 2133-2139.	1.3	28
101	The Evolving Role of Clinical Registries: Existing Practices and Opportunities for Orthopaedic Surgeons. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, e7.	1.4	9
102	Outcomes assessment in rotator cuff pathology: what are we measuring?. <i>Journal of Shoulder and Elbow Surgery</i> , 2015, 24, 2008-2015.	1.2	64
103	High Variability in Outcome Reporting Patterns in High-Impact ACL Literature. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1529-1542.	1.4	64
104	Using wearable technology to record surgical videos. <i>American Journal of Orthopedics</i> , 2015, 44, 163-6.	0.7	8
105	Performance, Return to Competition, and Reinjury After Tommy John Surgery in Major League Baseball Pitchers. <i>American Journal of Sports Medicine</i> , 2014, 42, 1323-1332.	1.9	179
106	Carpal and Cubital Tunnel Syndrome: Who Gets Surgery?. <i>Clinical Orthopaedics and Related Research</i> , 2010, 468, 1796-1803.	0.7	25