

Brendan M Patterson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/657017/publications.pdf>

Version: 2024-02-01

56
papers

4,856
citations

136740

32
h-index

149479

56
g-index

57
all docs

57
docs citations

57
times ranked

3239
citing authors

#	ARTICLE	IF	CITATIONS
1	An Analysis of Outcomes of Reconstruction or Amputation after Leg-Threatening Injuries. <i>New England Journal of Medicine</i> , 2002, 347, 1924-1931.	13.9	818
2	Impact of Smoking on Fracture Healing and Risk of Complications in Limb-Threatening Open Tibia Fractures. <i>Journal of Orthopaedic Trauma</i> , 2005, 19, 151-157.	0.7	354
3	A Prospective Evaluation of the Clinical Utility of the Lower-Extremity Injury-Severity Scores. <i>Journal of Bone and Joint Surgery - Series A</i> , 2001, 83, 3-14.	1.4	352
4	Randomized, Prospective Comparison of Plate versus Intramedullary Nail Fixation for Distal Tibia Shaft Fractures. <i>Journal of Orthopaedic Trauma</i> , 2011, 25, 736-741.	0.7	262
5	Early Predictors of Long-Term Work Disability After Major Limb Trauma. <i>Journal of Trauma</i> , 2006, 61, 688-694.	2.3	236
6	Health-Care Costs Associated with Amputation or Reconstruction of a Limb-Threatening Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 1685-1692.	1.4	212
7	Functional Outcomes Following Trauma-Related Lower-Extremity Amputation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2004, 86, 1636-1645.	1.4	200
8	Long-Term Persistence of Disability Following Severe Lower-Limb Trauma<sbt aid="1025711">Results of a Seven-Year Follow-up</sbt>. <i>Journal of Bone and Joint Surgery - Series A</i> , 2005, 87, 1801.	1.4	187
9	Characterization of Patients With High-Energy Lower Extremity Trauma. <i>Journal of Orthopaedic Trauma</i> , 2000, 14, 455-466.	0.7	140
10	Results and Outcomes After Operative Treatment of High-Energy Tibial Plafond Fractures. <i>Foot and Ankle International</i> , 2006, 27, 256-265.	1.1	115
11	Machine Learning and Primary Total Knee Arthroplasty: Patient Forecasting for a Patient-Specific Payment Model. <i>Journal of Arthroplasty</i> , 2018, 33, 3617-3623.	1.5	115
12	Factors Influencing the Decision to Amputate or Reconstruct after High-Energy Lower Extremity Trauma. <i>Journal of Trauma</i> , 2002, 52, 641-649.	2.3	109
13	Remote Patient Monitoring Using Mobile Health for Total Knee Arthroplasty: Validation of a Wearable and Machine Learningâ€Based Surveillance Platform. <i>Journal of Arthroplasty</i> , 2019, 34, 2253-2259.	1.5	109
14	Development and Validation of a Machine Learning Algorithm After Primary Total Hip Arthroplasty: Applications to Length of Stay and Payment Models. <i>Journal of Arthroplasty</i> , 2019, 34, 632-637.	1.5	99
15	Health-Care Costs Associated with Amputation or Reconstruction of a Limb-Threatening Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2007, 89, 1685-1692.	1.4	88
16	Factors Influencing Functional Outcomes After Distal Tibia Shaft Fractures. <i>Journal of Orthopaedic Trauma</i> , 2012, 26, 178-183.	0.7	85
17	Failure of LCP Condylar Plate Fixation in the Distal Part of the Femur: A Report of Six Cases. <i>Journal of Bone and Joint Surgery - Series A</i> , 2006, 88, 846-853.	1.4	80
18	Knee Dislocations With Vascular Injury: Outcomes in the Lower Extremity Assessment Project (LEAP) Study. <i>Journal of Trauma</i> , 2007, 63, 855-858.	2.3	80

#	ARTICLE	IF	CITATIONS
19	Optimizing reverse shoulder arthroplasty component position in the setting of advanced arthritis with posterior glenoid erosion: a computer-enhanced range of motion analysis. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, 339-349.	1.2	79
20	Deep Learning Preoperatively Predicts Value Metrics for Primary Total Knee Arthroplasty: Development and Validation of an Artificial Neural Network Model. <i>Journal of Arthroplasty</i> , 2019, 34, 2220-2227.e1.	1.5	73
21	Degenerative Rotator Cuff Tears: Refining Surgical Indications Based on Natural History Data. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2019, 27, 156-165.	1.1	73
22	Surgical Trends in the Treatment of Superior Labrum Anterior and Posterior Lesions of the Shoulder. <i>American Journal of Sports Medicine</i> , 2014, 42, 1904-1910.	1.9	69
23	Artificial Intelligence and Arthroplasty at a Single Institution: Real-World Applications of Machine Learning to Big Data, Value-Based Care, Mobile Health, and Remote Patient Monitoring. <i>Journal of Arthroplasty</i> , 2019, 34, 2204-2209.	1.5	64
24	The Influence of Patient Insurance Status on Access to Outpatient Orthopedic Care for Flexor Tendon Lacerations. <i>Journal of Hand Surgery</i> , 2014, 39, 527-533.	0.7	63
25	Correlation of Patient-Reported Outcomes Measurement Information System (PROMIS) scores with legacy patient-reported outcome scores in patients undergoing rotator cuff repair. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, S17-S23.	1.2	62
26	Preoperative Prediction of Value Metrics and a Patient-Specific Payment Model for Primary Total Hip Arthroplasty: Development and Validation of a Deep Learning Model. <i>Journal of Arthroplasty</i> , 2019, 34, 2228-2234.e1.	1.5	55
27	Ipsilateral Femoral Neck and Shaft Fractures. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 1998, 6, 106-113.	1.1	55
28	A Regional Assessment of Medicaid Access to Outpatient Orthopaedic Care: The Influence of Population Density and Proximity to Academic Medical Centers on Patient Access. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e156.	1.4	53
29	Total shoulder arthroplasty in patients with a B2 glenoid addressed with corrective reaming. <i>Journal of Shoulder and Elbow Surgery</i> , 2018, 27, S58-S64.	1.2	52
30	Artificial Intelligence to Identify Arthroplasty Implants From Radiographs of the Knee. <i>Journal of Arthroplasty</i> , 2021, 36, 935-940.	1.5	49
31	Orthopaedic Traumatology: The Hospital Side of the Ledger, Defining the Financial Relationship Between Physicians and Hospitals. <i>Journal of Orthopaedic Trauma</i> , 2008, 22, 221-226.	0.7	47
32	Access to outpatient care for adult rotator cuff patients with private insurance versus Medicaid in North Carolina. <i>Journal of Shoulder and Elbow Surgery</i> , 2013, 22, 1623-1627.	1.2	46
33	Pathoanatomy of Intra-Articular Fractures of the Calcaneus*. <i>Journal of Bone and Joint Surgery - Series A</i> , 1998, 80, 207-212.	1.4	34
34	Patient Satisfaction Is Associated With Time With Provider But Not Clinic Wait Time Among Orthopedic Patients. <i>Orthopedics</i> , 2017, 40, 43-48.	0.5	34
35	Blood Flow Changes to the Femoral Head After Acetabular Fracture or Dislocation in the Acute Injury and Perioperative Periods. <i>Journal of Orthopaedic Trauma</i> , 2001, 15, 170-176.	0.7	32
36	Initial medical management of rotator cuff tears: a demographic analysis of surgical and nonsurgical treatment in the United States Medicare population. <i>Journal of Shoulder and Elbow Surgery</i> , 2016, 25, e378-e385.	1.2	32

#	ARTICLE	IF	CITATIONS
37	The Floating Shoulder. Journal of the American Academy of Orthopaedic Surgeons, The, 2006, 14, 499-509.	1.1	32
38	Regional collaboration across hospital systems to develop and implement trauma protocols saves lives within 2 years. Surgery, 2013, 154, 875-884.	1.0	30
39	Anterior Sliding Graft for Tibiotalar Arthrodesis. Foot and Ankle International, 1997, 18, 330-334.	1.1	25
40	Does prosthetic humeral articular surface positioning associate with outcome after total shoulder arthroplasty?. Journal of Shoulder and Elbow Surgery, 2018, 27, 863-870.	1.2	25
41	Surgical management of gonarthrosis in patients with poliomyelitis. Journal of Arthroplasty, 1992, 7, 419-426.	1.5	23
42	The impact of injury severity and transfer status on reimbursement for care of femur fractures. Journal of Trauma and Acute Care Surgery, 2012, 73, 957-965.	1.1	19
43	Factors Affecting Revenue From the Management of Pelvis and Acetabulum Fractures. Journal of Orthopaedic Trauma, 2013, 27, 267-274.	0.7	18
44	LONG-TERM PERSISTENCE OF DISABILITY FOLLOWING SEVERE LOWER-LIMB TRAUMA. Journal of Bone and Joint Surgery - Series A, 2005, 87, 1801-1809.	1.4	15
45	Osteocutaneous Pedicle Flap of the Foot for Salvage of Below-Knee Amputation Level after Lower Extremity Injury. Journal of Trauma, 2000, 48, 767-772.	2.3	10
46	Osteocutaneous Pedicle Flap Transfer for Salvage of Transtibial Amputation After Severe Lower-Extremity Injury. Journal of Bone and Joint Surgery - Series A, 2012, 94, 447-454.	1.4	10
47	Functional Lower Limb Salvage with an Osteocutaneous Filet Flap of the Foot. Annals of Plastic Surgery, 1996, 36, 413-416.	0.5	9
48	Osteocutaneous Pedicle Flap of the Foot For Salvage of Below-Knee Amputation Level After Burn Injury. Journal of Burn Care and Research, 2001, 22, 21-25.	1.7	7
49	Cephalomedullary nailing versus sliding hip screws for Intertrochanteric and basicervical hip fractures: a propensity-matched study of short-term outcomes in over 17,000 patients. European Journal of Orthopaedic Surgery and Traumatology, 2020, 30, 243-250.	0.6	5
50	Influence of subscapularis stiffness with glenosphere lateralization on physiological external rotation limits after reverse shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2021, 30, 2629-2637.	1.2	5
51	Postimpingement instability following reverse shoulder arthroplasty: a parametric finite element analysis. Seminars in Arthroplasty, 2021, 31, 36-44.	0.3	3
52	Effects of resident work-hour restrictions on orthopaedic education and patient care. Current Orthopaedic Practice, 2009, 20, 77-86.	0.1	2
53	Posterior Locked Lateral Compression Injury of the Pelvis: Report of Three Cases. Journal of Orthopaedic Trauma, 2000, 14, 107-111.	0.7	2
54	Economic impact of orthopaedic trauma care on hospitals and hospital systems. Current Orthopaedic Practice, 2009, 20, 475-481.	0.1	1

#	ARTICLE	IF	CITATIONS
55	Surgical Technique for Osteocutaneous Pedicle Flap Transfer for Salvage of Transtibial Amputation After Severe Lower-Extremity Injury. JBJS Essential Surgical Techniques, 2012, 2, e21.	0.3	1
56	Response to Letter to the Editor on "Machine Learning and Primary Total Knee Arthroplasty: Patient Forecasting for a Patient-Specific Payment Model". Journal of Arthroplasty, 2019, 34, 1041-1043.	1.5	1