April D Armstrong

List of Publications by Year
in descending order

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82	2,084	279798 23	233421 45
papers	citations	h-index	g-index

83	83	83	1571
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	American Board of Orthopaedic Surgeryâ€™s Initiatives Toward Competency-Based Education. JBJS Open Access, 2022, 7, .	1.5	3
2	Glenohumeral joint loading is impacted by rotator cuff tear severity during functional task performance. Clinical Biomechanics, 2021, 90, 105494.	1.2	4
3	Biomechanical Testing of Additive Manufactured Proximal Humerus Fracture Fixation Plates. Annals of Biomedical Engineering, 2020, 48, 463-476.	2.5	9
4	3D full-field biomechanical testing of a glenoid before and after implant placement. Extreme Mechanics Letters, 2020, 35, 100614.	4.1	12
5	Risk Factors for Increased Postoperative Pain and Recommended Orderset for Postoperative Analgesic Usage. Clinical Journal of Pain, 2020, 36, 845-851.	1.9	11
6	Efficacy of local infiltration anesthesia versus interscalene nerve blockade for total shoulder arthroplasty. JSES International, 2020, 4, 357-361.	1.6	13
7	A Multidisciplinary Approach to Expedite Surgical Hip Fracture Care. Geriatric Orthopaedic Surgery and Rehabilitation, 2020, 11, 215145931989864.	1.4	6
8	Finite Element-Predicted Effects of Screw Configuration in Proximal Humerus Fracture Fixation. Journal of Biomechanical Engineering, 2020, 142, .	1.3	7
9	Use of the Behavior Assessment Tool in 18 Pilot Residency Programs. JBJS Open Access, 2020, 5, e20.00103.	1.5	1
10	Clinical Outcomes and Shoulder Kinematics for the "Gray Zone" Extra-articular Scapula Fracture in 5 Patients. International Journal of Orthopedics, 2020, 3, .	0.0	1
11	A Systems-Based Practice Curriculum in Orthopaedics. Journal of Bone and Joint Surgery - Series A, 2019, 101, e2.	3.0	2
12	Important Elements in the Quality Improvement Curriculum for Orthopaedic Residents. Journal of Bone and Joint Surgery - Series A, 2019, 101, e28.	3.0	4
13	Characterization of an anatomic safe zone surrounding the lower subscapular nerve during an open deltopectoral approach. Journal of Shoulder and Elbow Surgery, 2019, 28, 671-677.	2.6	7
14	Dry Catheter Technique in Shoulder Arthroplasty. Journal of Shoulder and Elbow Arthroplasty, 2018, 2, 247154921879911.	0.8	1
15	3D Full-Field Mechanical Measurement of a Shoulder Bone Under Implant Loading. Minerals, Metals and Materials Series, 2018, , 287-293.	0.4	1
16	Time course of peri-implant bone regeneration around loaded and unloaded implants in a rat model. Journal of Orthopaedic Research, 2017, 35, 997-1006.	2.3	7
17	Acromial Malunion After Prior Acromioplasty Associated With Deltoid Dysfunction. Techniques in Shoulder and Elbow Surgery, 2016, 17, 58-62.	0.2	0
18	Construct damage and loosening around glenoid implants: A longitudinal microâ€CT study of five cadaver specimens. Journal of Orthopaedic Research, 2016, 34, 1053-1060.	2.3	6

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19	Profile of Current Opinion on Arthroscopic Acromioplasty: A Video Survey Study. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2016, 32, 1253-1262.	2.7	4
20	Glenoid cement mantle characterization using microâ€“computed tomography of three cement application techniques. Journal of Shoulder and Elbow Surgery, 2016, 25, 572-580.	2.6	6
21	Shoulder Fracture Special Preface. Techniques in Shoulder and Elbow Surgery, 2016, 17, 101-101.	0.2	0
22	Subscapularis function after total shoulder arthroplasty: electromyography, ultrasound, and clinical correlation. Journal of Shoulder and Elbow Surgery, 2016, 25, 1674-1680.	2.6	28
23	Increased pin diameter improves torsional stability in supracondylar humerus fractures: An experimental study. Journal of Children's Orthopaedics, 2016, 10, 163-167.	1.1	3
24	Distal humerus articular malunion after an open reductionâ€“internal fixation of a capitellum-trochlea shear fracture: a case report. Journal of Shoulder and Elbow Surgery, 2016, 25, e55-e60.	2.6	3
25	Evaluation of Patientsâ€™ Response Toward Osteoporosis Letter Intervention Versus Phone Call Plus Letter Intervention. Geriatric Orthopaedic Surgery and Rehabilitation, 2015, 6, 246-250.	1.4	3
26	Controversies in Shoulder Arthroplasty. Techniques in Shoulder and Elbow Surgery, 2015, 16, 126-139.	0.2	0
27	Periâ€implant stress correlates with bone and cement morphology: Microâ€FE modeling of implanted cadaveric glenoids. Journal of Orthopaedic Research, 2015, 33, 1671-1679.	2.3	13
28	Scapular Malunion in a Vietnam War Veteran: Superior Medial Angle of the Scapula Impinging on the Clavicle. JBJS Case Connector, 2015, 5, e102.	0.3	3
29	Functional outcomes after shoulder resection: the patient's perspective. Journal of Shoulder and Elbow Surgery, 2015, 24, e247-e254.	2.6	17
30	Simple Elbow Dislocation. Hand Clinics, 2015, 31, 521-531.	1.0	15
31	Testing of a novel pin array guide for accurate three-dimensional glenoid component positioning. Journal of Shoulder and Elbow Surgery, 2015, 24, 1939-1947.	2.6	24
32	Posterior Displacement of Supraspinatus Central Tendon Observed on Magnetic Resonance Imaging: A Useful Preoperative Indicator of Rotator Cuff Tear Characteristics. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 2089-2098.	2.7	7
33	Quality and Safety in Orthopaedics: Learning and Teaching at the Same Time. Journal of Bone and Joint Surgery - Series A, 2015, 97, 1809-1815.	3.0	6
34	Preoperative and intraoperative infection workup in apparently aseptic revision shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2015, 24, 491-500.	2.6	46
35	Multipotent Mesenchymal Stem Cells from Human Subacromial Bursa: Potential for Cell Based Tendon Tissue Engineering. Tissue Engineering - Part A, 2014, 20, 239-249.	3.1	81
36	Evaluation and Management of Adult Shoulder Pain. Medical Clinics of North America, 2014, 98, 755-775.	2.5	23

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37	Os Acromiale Rupture Associated with a Massive Rotator Cuff Tear Causing Deltoid Insufficiency and Superior Escape of the Humeral Head. JBJS Case Connector, 2014, 4, e17.	0.3	0
38	Design Evolution of the Glenoid Component in Total Shoulder Arthroplasty. JBJS Reviews, 2013, 1, .	2.0	6
39	Tendon Length: Does It Matter?. JBJS Orthopaedic Highlights Shoulder & Elbow, 2013, 3, e3.	0.0	0
40	A Good Question but Still Not Sure We Have an Answer. JBJS Orthopaedic Highlights Shoulder & Elbow, 2013, 3, e7.	0.0	0
41	Keep Asking Why. JBJS Orthopaedic Highlights Shoulder & Elbow, 2013, 3, e2.	0.0	0
42	Prevention Is the Key. JBJS Orthopaedic Highlights Shoulder & Elbow, 2013, 3, e5.	0.0	0
43	I feel disconnected: learning technologies in resident education. Instructional Course Lectures, 2013, 62, 577-85.	0.2	5
44	Improved Magnetic Resonance Imaging Visualization of the Medial Collateral Ligament With Elbow Flexion. Techniques in Shoulder and Elbow Surgery, 2012, 13, 157-162.	0.2	0
45	Mechanical characteristics of a novel posterior-step prosthesis for biconcave glenoid defects. Journal of Shoulder and Elbow Surgery, 2012, 21, 105-115.	2.6	37
46	Orthopaedic Educatorsâ€™ Electronic Community of Practice: Development of a Supportive Online Learning Environment for Academic Orthopedic Surgeons. , 2012, , 117-131.		2
47	Do You Think of the Pectoralis Major and Latissimus Dorsi Muscles When You Treat Rotator Cuff Tears?. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, .	0.0	0
48	Biceps Tenodesis Has No Effect in a Normal Shoulder. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, .	0.0	0
49	There Is Still So Much That We Don't Understand!. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, .	0.0	0
50	Something to Think About. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, .	0.0	0
51	The Jury Is Still Out on the Î² Angle. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, e7.	0.0	0
52	If 75% Are Healing with No Sequelae, Why Are We Operating?. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, e1.	0.0	0
53	Not an Exact Science. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, e2.	0.0	0
54	We Need a National Joint Registry. JBJS Orthopaedic Highlights Shoulder & Elbow, 2012, 2, e5.	0.0	0

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55	Glenoid spherical orientation and version. Journal of Shoulder and Elbow Surgery, 2011, 20, 3-11.	2.6	96
56	Management of anterior shoulder instability: ask the experts. Journal of Shoulder and Elbow Surgery, 2011, 20, 173-182.	2.6	5
57	Comparison of standard two-dimensional and three-dimensional corrected glenoid version measurements. Journal of Shoulder and Elbow Surgery, 2011, 20, 577-583.	2.6	173
58	How One Question Can Lead to Many More. JBJS Orthopaedic Highlights Shoulder & Elbow, 2011, 1, .	0.0	0
59	We Need More Studies Like This. JBJS Orthopaedic Highlights Shoulder & Elbow, 2011, 1, .	0.0	0
60	We Need a Quality Research Revolution. JBJS Orthopaedic Highlights Shoulder & Elbow, 2011, 1, .	0.0	0
61	Medicine versus Orthopaedic Service for Hospital Management of Hip Fractures. Clinical Orthopaedics and Related Research, 2010, 468, 2218-2223.	1.5	17
62	Two-Dimensional Glenoid Version Measurements Vary with Coronal and Sagittal Scapular Rotation. Journal of Bone and Joint Surgery - Series A, 2010, 92, 692-699.	3.0	139
63	Location of the Optimized Centerline of the Glenoid Vault: A Comparison of Two Operative Techniques with Use of Three-Dimensional Computer Modeling. Journal of Bone and Joint Surgery - Series A, 2010, 92, 1188-1194.	3.0	29
64	A biomechanical study of posterior glenoid bone loss and humeral head translation. Journal of Shoulder and Elbow Surgery, 2010, 19, 994-1002.	2.6	70
65	Elbow Arthroscopy: Set Up, Portals, and Tools for Success. Operative Techniques in Orthopaedics, 2009, 19, 209-219.	0.1	7
66	Validation of three-dimensional models of in situ scapulae. Journal of Shoulder and Elbow Surgery, 2008, 17, 825-832.	2.6	58
67	Chronically Unreduced Elbow Dislocations. Hand Clinics, 2008, 24, 91-103.	1.0	20
68	Anatomy and Biomechanics of the Elbow. Orthopedic Clinics of North America, 2008, 39, 141-154.	1.2	145
69	Atraumatic snapping brachialis in a 37-year-old woman. JAAPA: Official Journal of the American Academy of Physician Assistants, 2007, 20, 3.	0.3	0
70	Atraumatic snapping brachialis in a 37-year-old woman. JAAPA: Official Journal of the American Academy of Physician Assistants, 2007, 20, 48-51.	0.3	14
71	The efficacy of ultrasound in the diagnosis of long head of the biceps tendon pathology. Journal of Shoulder and Elbow Surgery, 2006, 15, 7-11.	2.6	125
72	Ultrasound evaluation and clinical correlation of subscapularis repair after total shoulder arthroplasty. Journal of Shoulder and Elbow Surgery, 2006, 15, 541-548.	2.6	110

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73	The terrible triad injury of the elbow. Current Opinion in Orthopaedics, 2005, 16, 267-270.	0.3	8
74	A biomechanical comparison of four reconstruction techniques for the medial collateral ligament-deficient elbow. Journal of Shoulder and Elbow Surgery, 2005, 14, 207-215.	2.6	116
75	The Medial Collateral Ligament of the Elbow is not Isometric. American Journal of Sports Medicine, 2004, 32, 85-90.	4.2	46
76	Total elbow anthroplasty and distal humerus elbow fractures. Hand Clinics, 2004, 20, 475-483.	1.0	50
77	Biceps tenodesis versus tenotomy. Current Opinion in Orthopaedics, 2004, 15, 239-241.	0.3	2
78	Application of screw displacement axes to quantify elbow instability. Clinical Biomechanics, 2003, 18, 303-310.	1.2	24
79	Patellar position after total knee arthroplasty. Journal of Arthroplasty, 2003, 18, 458-465.	3.1	52
80	Single-strand ligament reconstruction of the medial collateral ligament restores valgus elbow stability. Journal of Shoulder and Elbow Surgery, 2002, 11, 65-71.	2.6	51
81	Rehabilitation of the medial collateral ligament-deficient elbow: An in vitro biomechanical study. Journal of Hand Surgery, 2000, 25, 1051-1057.	1.6	99
82	Reliability of range-of-motion measurement in the elbow and forearm. Journal of Shoulder and Elbow Surgery, 1998, 7, 573-580.	2.6	201