

# Emily A Lalone

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50  
papers

439  
citations

13  
h-index

18  
g-index

54  
ext. papers

571  
ext. citations

2.1  
avg, IF

3.74  
L-index

#	Paper	IF	Citations
50	Accuracy assessment of 3D bone reconstructions using CT: an intro comparison. <i>Medical Engineering and Physics</i> , <b>2015</b> , 37, 729-38	2.4	33
49	Validation of a finite element model of the human elbow for determining cartilage contact mechanics. <i>Journal of Biomechanics</i> , <b>2013</b> , 46, 1767-71	2.9	32
48	Development of an image-based technique to examine joint congruency at the elbow. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2013</b> , 16, 280-90	2.1	25
47	An anatomic study of coronoid cartilage thickness with special reference to fractures. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2012</b> , 21, 961-8	4.3	24
46	Effect of radial head implant shape on joint contact area and location during static loading. <i>Journal of Hand Surgery</i> , <b>2015</b> , 40, 716-22	2.6	22
45	Regional variations in radial head bone volume and density: implications for fracture patterns and fixation. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2012</b> , 21, 1669-73	4.3	21
44	The effectiveness of joint-protection programs on pain, hand function, and grip strength levels in patients with hand arthritis: A systematic review and meta-analysis. <i>Journal of Hand Therapy</i> , <b>2019</b> , 32, 194-211	1.6	21
43	Functional, motor, and sensory assessment instruments upon nerve repair in adult hands: systematic review of psychometric properties. <i>Systematic Reviews</i> , <b>2018</b> , 7, 175	3	21
42	Capitellar excision and hemiarthroplasty affects elbow kinematics and stability. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2012</b> , 21, 1024-1031.e4	4.3	19
41	A structured review addressing the use of radiographic measures of alignment and the definition of acceptability in patients with distal radius fractures. <i>Hand</i> , <b>2015</b> , 10, 621-38	1.4	18
40	Development of a computational technique to measure cartilage contact area. <i>Journal of Biomechanics</i> , <b>2014</b> , 47, 1193-7	2.9	17
39	Comparison of the Short-Term and Long-Term Effects of Surgery and Nonsurgical Intervention in Treating Carpal Tunnel Syndrome: A Systematic Review and Meta-Analysis. <i>Hand</i> , <b>2020</b> , 15, 13-22	1.4	14
38	Utility of an image-based technique to detect changes in joint congruency following simulated joint injury and repair: an in vitro study of the elbow. <i>Journal of Biomechanics</i> , <b>2013</b> , 46, 677-82	2.9	13
37	Patient Reported Pain and Disability Following a Distal Radius Fracture: A Prospective Study. <i>The Open Orthopaedics Journal</i> , <b>2017</b> , 11, 589-599	0.3	13
36	Accuracy assessment of an imaging technique to examine ulnohumeral joint congruency during elbow flexion. <i>Computer Aided Surgery</i> , <b>2012</b> , 17, 142-52		12
35	Elbow kinematics after radiocapitellar arthroplasty. <i>Journal of Hand Surgery</i> , <b>2012</b> , 37, 1024-32	2.6	11
34	Hemiarthroplasty of the elbow: the effect of implant size on joint congruency. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2016</b> , 25, 297-303	4.3	10

33	An Anthropometric Assessment of the Proximal Hamate Autograft for Scaphoid Proximal Pole Reconstruction. <i>Journal of Hand Surgery</i> , <b>2019</b> , 44, 60.e1-60.e8	2.6	10
32	A cohort study of one-year functional and radiographic outcomes following intra-articular distal radius fractures. <i>Hand</i> , <b>2014</b> , 9, 237-43	1.4	9
31	Arthrokinematics of the Distal Radioulnar Joint Measured Using Intercartilage Distance in an In Vitro Model. <i>Journal of Hand Surgery</i> , <b>2018</b> , 43, 283.e1-283.e9	2.6	8
30	Image-Based Comparison Between the Bilateral Symmetry of the Distal Radii Through Established Measures. <i>Journal of Hand Surgery</i> , <b>2019</b> , 44, 966-972	2.6	8
29	The effect of decreasing computed tomography dosage on radiostereometric analysis (RSA) accuracy at the glenohumeral joint. <i>Journal of Biomechanics</i> , <b>2011</b> , 44, 2847-50	2.9	8
28	Do Impairments Predict Hand Dexterity After Distal Radius Fractures? A 6-Month Prospective Cohort Study. <i>Hand</i> , <b>2018</b> , 13, 441-447	1.4	7
27	Recovery, age, and gender effects on hand dexterity after a distal radius fracture. A 1-year prospective cohort study. <i>Journal of Hand Therapy</i> , <b>2018</b> , 31, 465-471	1.6	6
26	Design of Anatomical Population-Based and Patient-Specific Radial Head Implants. <i>Journal of Hand Surgery</i> , <b>2017</b> , 42, 924.e1-924.e11	2.6	6
25	Hemiarthroplasty of the elbow: the effect of implant size on kinematics and stability. <i>Journal of Shoulder and Elbow Surgery</i> , <b>2014</b> , 23, 946-54	4.3	6
24	Effect of Radial Head Implant Shape on Radiocapitellar Joint Congruency. <i>Journal of Hand Surgery</i> , <b>2017</b> , 42, 476.e1-476.e11	2.6	5
23	The Effect of Dorsally Angulated Distal Radius Deformities on Carpal Kinematics: An In Vitro Biomechanical Study. <i>Journal of Hand Surgery</i> , <b>2018</b> , 43, 1036.e1-1036.e8	2.6	5
22	Evaluation of the content validity index of the Australian/Canadian osteoarthritis hand index, the patient-rated wrist/hand evaluation and the thumb disability exam in people with hand arthritis. <i>Health and Quality of Life Outcomes</i> , <b>2020</b> , 18, 302	3	5
21	Recovery of grip strength and hand dexterity after distal radius fracture: A two-year prospective cohort study. <i>Hand Therapy</i> , <b>2018</b> , 23, 28-37	1.1	5
20	Construct validity of the Patient-Rated Wrist and Hand Evaluation questionnaire (PRWHE) for nerve repair in the hand. <i>Musculoskeletal Science and Practice</i> , <b>2019</b> , 40, 40-44	2.4	4
19	Evaluation of individual finger forces during activities of daily living in healthy individuals and those with hand arthritis. <i>Journal of Hand Therapy</i> , <b>2020</b> , 33, 188-197	1.6	4
18	Establishing the psychometric properties of 2 self-reported outcome measures of elbow pain and function: A systematic review. <i>Journal of Hand Therapy</i> , <b>2019</b> , 32, 222-232	1.6	3
17	Physical impairments predict hand dexterity function after distal radius fractures: A 2-year prospective cohort study. <i>Hand Therapy</i> , <b>2018</b> , 23, 64-69	1.1	2
16	The development of a novel grip motion analysis technique using the Dartfish movement analysis software to evaluate hand movements during activities of daily living. <i>Medical Engineering and Physics</i> , <b>2020</b> , 85, 104-112	2.4	2

15	Impact of Radius Malunion on Wrist Contact Mechanics. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2016</b> , 46, 399	4.2	2
14	Comparison of finger kinematics between patients with hand osteoarthritis and healthy participants with and without joint protection programs. <i>Journal of Hand Therapy</i> , <b>2020</b> ,	1.6	1
13	The effect of CT dose on glenohumeral joint congruency measurements using 3D reconstructed patient-specific bone models. <i>Physics in Medicine and Biology</i> , <b>2011</b> , 56, 6615-24	3.8	1
12	Evaluation of an Image-Based Tool to Examine the Effect of Fracture Alignment and Joint Congruency on Outcomes after Wrist Fracture. <i>The Open Orthopaedics Journal</i> , <b>2015</b> , 9, 168-78	0.3	1
11	Four-Dimensional Computed Tomography to measure distal radial-ulnar and radio-carpal joint congruency following distal radius fractures. <i>Journal of Orthopaedics</i> , <b>2021</b> , 25, 31-39	1.6	1
10	Computed Tomography Analysis of the Radial Notch of the Ulna. <i>Journal of Hand Surgery</i> , <b>2019</b> , 44, 794.e16794.e8	1.7	1
9	Joint Protection Programmes for People with Osteoarthritis and Rheumatoid Arthritis of the Hand: An Overview of Systematic Reviews.. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , <b>2021</b> , 73, 56-65	0.8	1
8	The Effect of Distal Radius Fractures on 3-Dimensional Joint Congruency. <i>Journal of Hand Surgery</i> , <b>2021</b> , 46, 66.e1-66.e10	2.6	1
7	Investigating the grip forces exerted by individuals with and without hand arthritis while swinging a golf club with the use of a new wearable sensor technology. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , <b>2020</b> , 234, 205-216	0.7	0
6	Analysis of Three-Dimensional Anatomical Variance and Fit of the Distal Radius to Current Volar Locking Plate Designs.. <i>Journal of Hand Surgery Global Online</i> , <b>2020</b> , 2, 277-285	0.6	0
5	The Effect of Dorsal Angulation on Distal Radioulnar Joint Arthrokinematics Measured Using Intercartilage Distance. <i>Journal of Wrist Surgery</i> , <b>2019</b> , 8, 10-17	1.1	0
4	Wearable strain gauge-based technology measures manual tactile forces during the activities of daily living. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , <b>2018</b> , 5, 2055668318793587	1.7	0
3	Barriers, facilitators, preferences and expectations of joint protection programmes for patients with hand arthritis: a cross-sectional survey. <i>BMJ Open</i> , <b>2021</b> , 11, e041935	3	0
2	A computer and image-assisted guidance system for radial head arthroplasty. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , <b>2018</b> , 6, 204-210	0.9	
1	The Effect of Malunited Scaphoid Fractures on Joint Congruency. <i>Journal of Hand Surgery</i> , <b>2021</b> , 46, 1024.e1-1024.e8	1.6	1