

Paula M Ludewig

List of Publications by Year in descending order

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92
papers

8,752
citations

66234

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46693

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92
docs citations

92
times ranked

3421
citing authors

#	ARTICLE	IF	CITATIONS
1	Alterations in Shoulder Kinematics and Associated Muscle Activity in People With Symptoms of Shoulder Impingement. <i>Physical Therapy</i> , 2000, 80, 276-291.	1.1	1,276
2	The Association of Scapular Kinematics and Glenohumeral Joint Pathologies. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2009, 39, 90-104.	1.7	707
3	Comparison of 3-Dimensional Scapular Position and Orientation Between Subjects With and Without Shoulder Impingement. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1999, 29, 574-586.	1.7	568
4	Clinical implications of scapular dyskinesis in shoulder injury: the 2013 consensus statement from the "scapular summit". <i>British Journal of Sports Medicine</i> , 2013, 47, 877-885.	3.1	525
5	Motion of the Shoulder Complex During Multiplanar Humeral Elevation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 378-389.	1.4	508
6	The Effect of Long Versus Short Pectoralis Minor Resting Length on Scapular Kinematics in Healthy Individuals. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2005, 35, 227-238.	1.7	372
7	Three-Dimensional Scapular Orientation and Muscle Activity at Selected Positions of Humeral Elevation. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1996, 24, 57-65.	1.7	352
8	Relative Balance of Serratus Anterior and Upper Trapezius Muscle Activity during Push-Up Exercises. <i>American Journal of Sports Medicine</i> , 2004, 32, 484-493.	1.9	338
9	Effects of a home exercise programme on shoulder pain and functional status in construction workers. <i>Occupational and Environmental Medicine</i> , 2003, 60, 841-849.	1.3	215
10	Scapular and rotator cuff muscle activity during arm elevation: a review of normal function and alterations with shoulder impingement. <i>Brazilian Journal of Physical Therapy</i> , 2009, 13, 1-9.	1.1	210
11	Comparison of scapular kinematics between elevation and lowering of the arm in the scapular plane. <i>Clinical Biomechanics</i> , 2002, 17, 650-659.	0.5	206
12	Differences in 3-Dimensional Shoulder Kinematics between Persons with Multidirectional Instability and Asymptomatic Controls. <i>American Journal of Sports Medicine</i> , 2007, 35, 1361-1370.	1.9	182
13	Translations of the Humerus in Persons With Shoulder Impingement Symptoms. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2002, 32, 248-259.	1.7	175
14	Shoulder impingement: Biomechanical considerations in rehabilitation. <i>Manual Therapy</i> , 2011, 16, 33-39.	1.6	160
15	Comparison of 3-Dimensional Shoulder Complex Kinematics in Individuals With and Without Shoulder Pain, Part 1: Sternoclavicular, Acromioclavicular, and Scapulothoracic Joints. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 636-648.	1.7	132
16	Scapular Angular Positioning at End Range Internal Rotation in Cases of Glenohumeral Internal Rotation Deficit. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2006, 36, 926-934.	1.7	130
17	Comparison of three stretches for the pectoralis minor muscle. <i>Journal of Shoulder and Elbow Surgery</i> , 2006, 15, 324-330.	1.2	127
18	Shoulder kinematics in subjects with frozen shoulder ¹¹ No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2003, 84, 1473-1479.	0.5	115

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19	Scapular Summit 2009, July 16, 2009, Lexington, Kentucky. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, A1-A13.	1.7	113
20	Three-Dimensional Clavicular Motion During Arm Elevation: Reliability and Descriptive Data. Journal of Orthopaedic and Sports Physical Therapy, 2004, 34, 140-149.	1.7	111
21	Three-Dimensional Acromioclavicular Joint Motions During Elevation of the Arm. Journal of Orthopaedic and Sports Physical Therapy, 2008, 38, 181-190.	1.7	103
22	Effectiveness of Home Exercise on Pain, Function, and Strength of Manual Wheelchair Users With Spinal Cord Injury: A High-Dose Shoulder Program With Telerehabilitation. Archives of Physical Medicine and Rehabilitation, 2014, 95, 1810-1817.e2.	0.5	97
23	Hallux Valgus and the First Metatarsal Arch Segment: A Theoretical Biomechanical Perspective. Physical Therapy, 2010, 90, 110-120.	1.1	96
24	Electromyographic effects of foot orthotics on selected lower extremity muscles during running. Archives of Physical Medicine and Rehabilitation, 1999, 80, 540-544.	0.5	90
25	In vivo assessment of scapulohumeral rhythm during unconstrained overhead reaching in asymptomatic subjects. Journal of Shoulder and Elbow Surgery, 2009, 18, 960-967.	1.2	88
26	Comparison of glenohumeral motion using different rotation sequences. Journal of Biomechanics, 2011, 44, 700-705.	0.9	84
27	Shoulder impingement revisited: evolution of diagnostic understanding in orthopedic surgery and physical therapy. Medical and Biological Engineering and Computing, 2014, 52, 211-219.	1.6	84
28	Clinical Trial of Exercise for Shoulder Pain in Chronic Spinal Injury. Physical Therapy, 2006, 86, 1604-1618.	1.1	82
29	Three-Dimensional Scapular Kinematics during the Throwing Motion. Journal of Applied Biomechanics, 2008, 24, 24-34.	0.3	71
30	Comparison of Two Methods Used to Assess First-Ray Mobility. Foot and Ankle International, 2002, 23, 248-252.	1.1	63
31	Comparison of 3-Dimensional Shoulder Complex Kinematics in Individuals With and Without Shoulder Pain, Part 2: Glenohumeral Joint. Journal of Orthopaedic and Sports Physical Therapy, 2014, 44, 646-653.	1.7	63
32	Development and Validation of a Basic Arthroscopy Skills Simulator. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 104-112.	1.3	58
33	Comparison of Surface Sensor and Bone-Fixed Measurement of Humeral Motion. Journal of Applied Biomechanics, 2002, 18, 163-170.	0.3	57
34	What's in a Name? Using Movement System Diagnoses Versus Pathoanatomic Diagnoses. Journal of Orthopaedic and Sports Physical Therapy, 2013, 43, 280-283.	1.7	56
35	Patterns of motion loss in subjects with idiopathic loss of shoulder range of motion. Clinical Biomechanics, 2004, 19, 810-818.	0.5	55
36	Bilateral magnetic resonance imaging findings in individuals with unilateral shoulder pain. Journal of Shoulder and Elbow Surgery, 2019, 28, 1699-1706.	1.2	54

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37	Effects of strengthening and stretching exercises applied during working hours on pain and physical impairment in workers with subacromial impingement syndrome. <i>Physiotherapy Theory and Practice</i> , 2009, 25, 463-475.	0.6	51
38	Three-dimensional shoulder kinematics during a pressure relief technique and wheelchair transfer11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. <i>Archives of Physical Medicine and Rehabilitation</i> , 2003, 84, 1293-1300.	0.5	50
39	The accuracy of measuring glenohumeral motion with a surface humeral cuff. <i>Journal of Biomechanics</i> , 2012, 45, 1161-1168.	0.9	48
40	Shoulder kinematics during the wall push-up plus exercise. <i>Journal of Shoulder and Elbow Surgery</i> , 2010, 19, 216-223.	1.2	46
41	Study of the scapular muscle latency and deactivation time in people with and without shoulder impingement. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 469-475.	0.7	45
42	Movement, Function, Pain, and Postoperative Edema in Axillary Web Syndrome. <i>Physical Therapy</i> , 2015, 95, 1345-1353.	1.1	44
43	Comparison of scapular local coordinate systems. <i>Clinical Biomechanics</i> , 2010, 25, 415-421.	0.5	39
44	Clinical measurement of posterior shoulder flexibility. <i>Manual Therapy</i> , 2007, 12, 386-389.	1.6	38
45	The effect of head position on scapular orientation and muscle activity during shoulder elevation. <i>Journal of Occupational Rehabilitation</i> , 1996, 6, 147-158.	1.2	37
46	CHANGING OUR DIAGNOSTIC PARADIGM: MOVEMENT SYSTEM DIAGNOSTIC CLASSIFICATION. <i>International Journal of Sports Physical Therapy</i> , 2017, 12, 884-893.	0.5	37
47	The Effect of Forefoot and Arch Posting Orthotic Designs on First Metatarsophalangeal Joint Kinematics During Gait. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2004, 34, 317-327.	1.7	33
48	Dorsal First Ray Mobility in Women Athletes With a History of Stress Fracture of the Second or Third Metatarsal. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2002, 32, 560-567.	1.7	29
49	Correlation of 3-Dimensional Shoulder Kinematics to Function in Subjects With Idiopathic Loss of Shoulder Range of Motion. <i>Physical Therapy</i> , 2005, 85, 636-647.	1.1	28
50	Dorsal Mobility and First Ray Stiffness in Patients with Diabetes Mellitus. <i>Foot and Ankle International</i> , 2004, 25, 550-555.	1.1	27
51	Comparison of First Ray Dorsal Mobility Among Different Forefoot Alignments. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2000, 30, 612-623.	1.7	26
52	Communication breakdown: clinicians disagree on subacromial impingement. <i>Medical and Biological Engineering and Computing</i> , 2014, 52, 221-231.	1.6	23
53	Effect of glenohumeral elevation on subacromial supraspinatus compression risk during simulated reaching. <i>Journal of Orthopaedic Research</i> , 2017, 35, 2329-2337.	1.2	22
54	A longitudinal analysis of the effects of a preventive exercise programme on the factors that predict shoulder pain in construction apprentices. <i>Ergonomics</i> , 2009, 52, 232-244.	1.1	21

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55	Electromyographic Analysis of a Repetitive Hand Gripping Task. <i>International Journal of Occupational Safety and Ergonomics</i> , 1998, 4, 185-200.	1.1	20
56	Electromyographic effects of ergonomic modifications in selected meatpacking tasks. <i>Applied Ergonomics</i> , 1999, 30, 229-233.	1.7	20
57	Arch Height and First Metatarsal Joint Axis Orientation as Related Variables in Foot Structure and Function. <i>Foot and Ankle International</i> , 2008, 29, 647-655.	1.1	20
58	Three-dimensional in vivo kinematics of an osteoarthritic shoulder before and after total shoulder arthroplasty. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2010, 18, 1774-1778.	2.3	20
59	MRI vs CT-based 2D-3D auto-registration accuracy for quantifying shoulder motion using biplane video-radiography. <i>Journal of Biomechanics</i> , 2019, 82, 375-380.	0.9	20
60	Effect of Shoulder Pain on Shoulder Kinematics During Weight-Bearing Tasks in Persons With Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 1421-1430.	0.5	19
61	Kinematic Evaluation of the Modified Weaver-Dunn Acromioclavicular Joint Reconstruction. <i>American Journal of Sports Medicine</i> , 2008, 36, 2216-2221.	1.9	17
62	Consideration of digitization precision when building local coordinate axes for a foot model. <i>Journal of Biomechanics</i> , 2009, 42, 1263-1269.	0.9	17
63	Validation of single-plane fluoroscopy and 2D/3D shape-matching for quantifying shoulder complex kinematics. <i>Medical Engineering and Physics</i> , 2018, 52, 69-75.	0.8	17
64	An Image-Based Gait Simulation Study of Tarsal Kinematics in Women With Hallux Valgus. <i>Physical Therapy</i> , 2013, 93, 1551-1562.	1.1	16
65	Scapulothoracic and Glenohumeral Kinematics During Daily Tasks in Users of Manual Wheelchairs. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 183.	2.0	16
66	The Impact of Decreased Scapulothoracic Upward Rotation on Subacromial Proximities. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2019, 49, 180-191.	1.7	16
67	First Ray Kinematics in Women With Rheumatoid Arthritis and Bunion Deformity: A Gait Simulation Imaging Study. <i>Arthritis Care and Research</i> , 2014, 66, 837-843.	1.5	15
68	Shoulder kinematics impact subacromial proximities: a review of the literature. <i>Brazilian Journal of Physical Therapy</i> , 2020, 24, 219-230.	1.1	15
69	The Coupled Kinematics of Scapulothoracic Upward Rotation. <i>Physical Therapy</i> , 2020, 100, 283-294.	1.1	14
70	The effect of glenohumeral plane of elevation on supraspinatus subacromial proximity. <i>Journal of Biomechanics</i> , 2018, 79, 147-154.	0.9	12
71	Pre- and Postoperative Function After Scapula Malunion Reconstruction. <i>Journal of Orthopaedic Trauma</i> , 2013, 27, e186-e191.	0.7	10
72	How "healthy" is circuit resistance training following paraplegia? Kinematic analysis associated with shoulder mechanical impingement risk. <i>Journal of Rehabilitation Research and Development</i> , 2013, 50, 861-875.	1.6	9

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73	The effect of tactile and verbal guidance during scapulothoracic exercises: An EMG and kinematic investigation. <i>Journal of Electromyography and Kinesiology</i> , 2022, 62, 102334.	0.7	9
74	Three-dimensional shoulder kinematics after total claviclectomy: A biomechanical investigation of a single case. <i>Manual Therapy</i> , 2013, 18, 620-623.	1.6	8
75	CHANGING OUR DIAGNOSTIC PARADIGM: MOVEMENT SYSTEM DIAGNOSTIC CLASSIFICATION. <i>International Journal of Sports Physical Therapy</i> , 2017, 12, 884-893.	0.5	8
76	Development of three-dimensional shoulder kinematic and electromyographic exposure variation analysis methodology in violin musicians. <i>Ergonomics</i> , 2014, 57, 1021-1039.	1.1	7
77	Concurrent validity of inclinometer measures of scapular and clavicular positions in arm elevation. <i>Physiotherapy Theory and Practice</i> , 2018, 34, 121-130.	0.6	7
78	Measuring forefoot alignment with a table-mounted goniometric device. <i>Australian Journal of Physiotherapy</i> , 2002, 48, 51-53.	0.9	6
79	Anatomical 2D/3D shape-matching in virtual reality: A user interface for quantifying joint kinematics with radiographic imaging. , 2017, , .		6
80	An Integrated Approach to Musculoskeletal Performance, Disease, and Recovery. <i>Physical Therapy</i> , 2021, 101, .	1.1	6
81	Changing our Diagnostic Paradigm Part II: Movement System Diagnostic Classification. <i>International Journal of Sports Physical Therapy</i> , 2022, 17, 7-17.	0.5	6
82	Mechanics of the Scapula in Shoulder Function and Dysfunction. , 2017, , 7-23.		5
83	Supraspinatus-to-Glenoid Contact Occurs During Standardized Overhead Reaching Motion. <i>Orthopaedic Journal of Sports Medicine</i> , 2021, 9, 232596712110369.	0.8	5
84	Improving Shoulder Kinematics in Individuals With Paraplegia: Comparison Across Circuit Resistance Training Exercises and Modifications in Hand Position. <i>Physical Therapy</i> , 2016, 96, 1006-1017.	1.1	4
85	Three-dimensional kinematics of shoulder laxity examination and the relationship to clinical interpretation. <i>International Biomechanics</i> , 2017, 4, 77-85.	0.9	4
86	Thickness of the Rotator Cuff Tendons at the Articular Margin: An Anatomic Cadaveric Study. <i>Iowa orthopaedic journal, The</i> , 2017, 37, 85-89.	0.5	4
87	Finite element analysis of the rotator cuff: A systematic review. <i>Clinical Biomechanics</i> , 2020, 71, 73-85.	0.5	2
88	Kinematics and biomechanical validity of shoulder joint laxity tests as diagnostic criteria in multidirectional instability. <i>Brazilian Journal of Physical Therapy</i> , 2021, 25, 883-883.	1.1	2
89	Invited Commentary. <i>Physical Therapy</i> , 2011, 91, 325-326.	1.1	1
90	Errors in Measuring Glenohumeral Arthrokinematics With 2-Dimensional Fluoroscopy. <i>Journal of Applied Biomechanics</i> , 2021, 37, 282-287.	0.3	1

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91	To what extent do typical components of shoulder clinical evaluation explain upper-extremity disability? A cross-sectional study. <i>Brazilian Journal of Physical Therapy</i> , 2022, , 100423.	1.1	1
92	Invited Commentary. <i>Physical Therapy</i> , 2007, 87, 1682-1684.	1.1	0