Paula M Ludewig

List of Publications by Year
in descending order

92 papers	8,752 citations	66315 42 h-index	46771 89 g-index
92 all docs	92 docs citations	92 times ranked	3421 citing authors

#	Article	IF	Citations
1	The effect of tactile and verbal guidance during scapulothoracic exercises: An EMG and kinematic investigation. Journal of Electromyography and Kinesiology, 2022, 62, 102334.	0.7	9
2	Changing our Diagnostic Paradigm Part II: Movement System Diagnostic Classification. International Journal of Sports Physical Therapy, 2022, 17, 7-17.	0.5	6
3	To what extent do typical components of shoulder clinical evaluation explain upper-extremity disability? A cross-sectional study. Brazilian Journal of Physical Therapy, 2022, , 100423.	1.1	1
4	Errors in Measuring Glenohumeral Arthrokinematics With 2-Dimensional Fluoroscopy. Journal of Applied Biomechanics, 2021, 37, 282-287.	0.3	1
5	An Integrated Approach to Musculoskeletal Performance, Disease, and Recovery. Physical Therapy, 2021, 101, .	1.1	6
6	Supraspinatus-to-Glenoid Contact Occurs During Standardized Overhead Reaching Motion. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110369.	0.8	5
7	Kinematics and biomechanical validity of shoulder joint laxity tests as diagnostic criteria in multidirectional instability. Brazilian Journal of Physical Therapy, 2021, 25, 883-883.	1.1	2
8	The Coupled Kinematics of Scapulothoracic Upward Rotation. Physical Therapy, 2020, 100, 283-294.	1.1	14
9	Shoulder kinematics impact subacromial proximities: a review of the literature. Brazilian Journal of Physical Therapy, 2020, 24, 219-230.	1.1	15
10	Finite element analysis of the rotator cuff: A systematic review. Clinical Biomechanics, 2020, 71, 73-85.	0.5	2
11	Bilateral magnetic resonance imaging findings in individuals with unilateral shoulder pain. Journal of Shoulder and Elbow Surgery, 2019, 28, 1699-1706.	1.2	54
12	The Impact of Decreased Scapulothoracic Upward Rotation on Subacromial Proximities. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 180-191.	1.7	16
13	MRI vs CT-based 2D-3D auto-registration accuracy for quantifying shoulder motion using biplane video-radiography. Journal of Biomechanics, 2019, 82, 375-380.	0.9	20
14	Concurrent validity of inclinometer measures of scapular and clavicular positions in arm elevation. Physiotherapy Theory and Practice, 2018, 34, 121-130.	0.6	7
15	Validation of single-plane fluoroscopy and 2D/3D shape-matching for quantifying shoulder complex kinematics. Medical Engineering and Physics, 2018, 52, 69-75.	0.8	17
16	The effect of glenohumeral plane of elevation on supraspinatus subacromial proximity. Journal of Biomechanics, 2018, 79, 147-154.	0.9	12
17	Effect of glenohumeral elevation on subacromial supraspinatus compression risk during simulated reaching. Journal of Orthopaedic Research, 2017, 35, 2329-2337.	1.2	22
18	Anatomical 2D/3D shape-matching in virtual reality: A user interface for quantifying joint kinematics with radiographic imaging. , 2017, , .		6

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19	Three-dimensional kinematics of shoulder laxity examination and the relationship to clinical interpretation. International Biomechanics, 2017, 4, 77-85.	0.9	4
20	Mechanics of the Scapula in Shoulder Function and Dysfunction. , 2017, , 7-23.		5
21	CHANGING OUR DIAGNOSTIC PARADIGM: MOVEMENT SYSTEM DIAGNOSTIC CLASSIFICATION. International Journal of Sports Physical Therapy, 2017, 12, 884-893.	0.5	37
22	Thickness of the Rotator Cuff Tendons at the Articular Margin: An Anatomic Cadaveric Study. Iowa orthopaedic journal, The, 2017, 37, 85-89.	0.5	4
23	CHANGING OUR DIAGNOSTIC PARADIGM: MOVEMENT SYSTEM DIAGNOSTIC CLASSIFICATION. International Journal of Sports Physical Therapy, 2017, 12, 884-893.	0.5	8
24	Improving Shoulder Kinematics in Individuals With Paraplegia: Comparison Across Circuit Resistance Training Exercises and Modifications in Hand Position. Physical Therapy, 2016, 96, 1006-1017.	1.1	4
25	Scapulothoracic and Glenohumeral Kinematics During Daily Tasks in Users of Manual Wheelchairs. Frontiers in Bioengineering and Biotechnology, 2015, 3, 183.	2.0	16
26	Movement, Function, Pain, and Postoperative Edema in Axillary Web Syndrome. Physical Therapy, 2015, 95, 1345-1353.	1.1	44
27	Development and Validation of a Basic Arthroscopy SkillsÂSimulator. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2015, 31, 104-112.	1.3	58
28	Development of three-dimensional shoulder kinematic and electromyographic exposure variation analysis methodology in violin musicians. Ergonomics, 2014, 57, 1021-1039.	1.1	7
29	First Ray Kinematics in Women With Rheumatoid Arthritis and Bunion Deformity: A Gait Simulation Imaging Study. Arthritis Care and Research, 2014, 66, 837-843.	1.5	15
30	Communication breakdown: clinicians disagree on subacromial impingement. Medical and Biological Engineering and Computing, 2014, 52, 221-231.	1.6	23
31	Comparison of 3-Dimensional Shoulder Complex Kinematics in Individuals With and Without Shoulder Pain, Part 1: Sternoclavicular, Acromioclavicular, and Scapulothoracic Joints. Journal of Orthopaedic and Sports Physical Therapy, 2014, 44, 636-A8.	1.7	132
32	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-B3.	1.7	63
33	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
34	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
35	Clinical implications of scapular dyskinesis in shoulder injury: the 2013 consensus statement from the â€˜scapular summitâ€™. British Journal of Sports Medicine, 2013, 47, 877-885.	3.1	525
36	Study of the scapular muscle latency and deactivation time in people with and without shoulder impingement. Journal of Electromyography and Kinesiology, 2013, 23, 469-475.	0.7	45

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37	Three-dimensional shoulder kinematics after total claviculectomy: AÂbiomechanical investigation of a single case. Manual Therapy, 2013, 18, 620-623.	1.6	8
38	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
39	How â€œhealthyâ€•is circuit resistance training following paraplegia? Kinematic analysis associated with shoulder mechanical impingement risk. Journal of Rehabilitation Research and Development, 2013, 50, 861-875.	1.6	9
40	An Image-Based Gait Simulation Study of Tarsal Kinematics in Women With Hallux Valgus. Physical Therapy, 2013, 93, 1551-1562.	1.1	16
41	Pre- and Postoperative Function After Scapula Malunion Reconstruction. Journal of Orthopaedic Trauma, 2013, 27, e186-e191.	0.7	10
42	Effect of Shoulder Pain on Shoulder Kinematics During Weight-Bearing Tasks in Persons With Spinal Cord Injury. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1421-1430.	0.5	19
43	The accuracy of measuring glenohumeral motion with a surface humeral cuff. Journal of Biomechanics, 2012, 45, 1161-1168.	0.9	48
44	Shoulder impingement: Biomechanical considerations in rehabilitation. Manual Therapy, 2011, 16, 33-39.	1.6	160
45	Comparison of glenohumeral motion using different rotation sequences. Journal of Biomechanics, 2011, 44, 700-705.	0.9	84
46	Invited Commentary. Physical Therapy, 2011, 91, 325-326.	1.1	1
47	Three-dimensional in vivo kinematics of an osteoarthritic shoulder before and after total shoulder arthroplasty. Knee Surgery, Sports Traumatology, Arthroscopy, 2010, 18, 1774-1778.	2.3	20
48	Hallux Valgus and the First Metatarsal Arch Segment: A Theoretical Biomechanical Perspective. Physical Therapy, 2010, 90, 110-120.	1.1	96
49	Shoulder kinematics during the wall push-up plus exercise. Journal of Shoulder and Elbow Surgery, 2010, 19, 216-223.	1.2	46
50	Comparison of scapular local coordinate systems. Clinical Biomechanics, 2010, 25, 415-421.	0.5	39
51	A longitudinal analysis of the effects of a preventive exercise programme on the factors that predict shoulder pain in construction apprentices. Ergonomics, 2009, 52, 232-244.	1.1	21
52	Scapular Summit 2009, July 16, 2009, Lexington, Kentucky. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, A1-A13.	1.7	113
53	Consideration of digitization precision when building local coordinate axes for a foot model. Journal of Biomechanics, 2009, 42, 1263-1269.	0.9	17
54	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

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55	Effects of strengthening and stretching exercises applied during working hours on pain and physical impairment in workers with subacromial impingement syndrome. Physiotherapy Theory and Practice, 2009, 25, 463-475.	0.6	51
56	The Association of Scapular Kinematics and Glenohumeral Joint Pathologies. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, 90-104.	1.7	707
57	Motion of the Shoulder Complex During Multiplanar Humeral Elevation. Journal of Bone and Joint Surgery - Series A, 2009, 91, 378-389.	1.4	508
58	Scapular and rotator cuff muscle activity during arm elevation: a review of normal function and alterations with shoulder impingement. Brazilian Journal of Physical Therapy, 2009, 13, 1-9.	1.1	210
59	Kinematic Evaluation of the Modified Weaver-Dunn Acromioclavicular Joint Reconstruction. American Journal of Sports Medicine, 2008, 36, 2216-2221.	1.9	17
60	Three-Dimensional Acromioclavicular Joint Motions During Elevation of the Arm. Journal of Orthopaedic and Sports Physical Therapy, 2008, 38, 181-190.	1.7	103
61	Three-Dimensional Scapular Kinematics during the Throwing Motion. Journal of Applied Biomechanics, 2008, 24, 24-34.	0.3	71
62	Arch Height and First Metatarsal Joint Axis Orientation as Related Variables in Foot Structure and Function. Foot and Ankle International, 2008, 29, 647-655.	1.1	20
63	Invited Commentary. Physical Therapy, 2007, 87, 1682-1684.	1.1	0
64	Differences in 3-Dimensional Shoulder Kinematics between Persons with Multidirectional Instability and Asymptomatic Controls. American Journal of Sports Medicine, 2007, 35, 1361-1370.	1.9	182
65	Clinical measurement of posterior shoulder flexibility. Manual Therapy, 2007, 12, 386-389.	1.6	38
66	Clinical Trial of Exercise for Shoulder Pain in Chronic Spinal Injury. Physical Therapy, 2006, 86, 1604-1618.	1.1	82
67	Comparison of three stretches for the pectoralis minor muscle. Journal of Shoulder and Elbow Surgery, 2006, 15, 324-330.	1.2	127
68	Scapular Angular Positioning at End Range Internal Rotation in Cases of Glenohumeral Internal Rotation Deficit. Journal of Orthopaedic and Sports Physical Therapy, 2006, 36, 926-934.	1.7	130
69	Correlation of 3-Dimensional Shoulder Kinematics to Function in Subjects With Idiopathic Loss of Shoulder Range of Motion. Physical Therapy, 2005, 85, 636-647.	1.1	28
70	The Effect of Long Versus Short Pectoralis Minor Resting Length on Scapular Kinematics in Healthy Individuals. Journal of Orthopaedic and Sports Physical Therapy, 2005, 35, 227-238.	1.7	372
71	The Effect of Forefoot and Arch Posting Orthotic Designs on First Metatarsophalangeal Joint Kinematics During Gait. Journal of Orthopaedic and Sports Physical Therapy, 2004, 34, 317-327.	1.7	33
72	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

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73	Relative Balance of Serratus Anterior and Upper Trapezius Muscle Activity during Push-Up Exercises. American Journal of Sports Medicine, 2004, 32, 484-493.	1.9	338
74	Patterns of motion loss in subjects with idiopathic loss of shoulder range of motion. Clinical Biomechanics, 2004, 19, 810-818.	0.5	55
75	Dorsal Mobility and First Ray Stiffness in Patients with Diabetes Mellitus. Foot and Ankle International, 2004, 25, 550-555.	1.1	27
76	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.. Archives of Physical Medicine and Rehabilitation, 2003, 84, 1293-1300.	0.5	50
77	Shoulder kinematics in subjects with frozen shoulder11No 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.. Archives of Physical Medicine and Rehabilitation, 2003, 84, 1473-1479.	0.5	115
78	Effects of a home exercise programme on shoulder pain and functional status in construction workers. Occupational and Environmental Medicine, 2003, 60, 841-849.	1.3	215
79	Translations of the Humerus in Persons With Shoulder Impingement Symptoms. Journal of Orthopaedic and Sports Physical Therapy, 2002, 32, 248-259.	1.7	175
80	Dorsal First Ray Mobility in Women Athletes With a History of Stress Fracture of the Second or Third Metatarsal. Journal of Orthopaedic and Sports Physical Therapy, 2002, 32, 560-567.	1.7	29
81	Comparison of Two Methods Used to Assess First-Ray Mobility. Foot and Ankle International, 2002, 23, 248-252.	1.1	63
82	Comparison of Surface Sensor and Bone-Fixed Measurement of Humeral Motion. Journal of Applied Biomechanics, 2002, 18, 163-170.	0.3	57
83	Measuring forefoot alignment with a table-mounted goniometric device. Australian Journal of Physiotherapy, 2002, 48, 51-53.	0.9	6
84	Comparison of scapular kinematics between elevation and lowering of the arm in the scapular plane. Clinical Biomechanics, 2002, 17, 650-659.	0.5	206
85	Alterations in Shoulder Kinematics and Associated Muscle Activity in People With Symptoms of Shoulder Impingement. Physical Therapy, 2000, 80, 276-291.	1.1	1,276
86	Comparison of First Ray Dorsal Mobility Among Different Forefoot Alignments. Journal of Orthopaedic and Sports Physical Therapy, 2000, 30, 612-623.	1.7	26
87	Electromyographic effects of ergonomic modifications in selected meatpacking tasks. Applied Ergonomics, 1999, 30, 229-233.	1.7	20
88	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
89	Comparison of 3-Dimensional Scapular Position and Orientation Between Subjects With and Without Shoulder Impingement. Journal of Orthopaedic and Sports Physical Therapy, 1999, 29, 574-586.	1.7	568
90	Electromyographic Analysis of a Repetitive Hand Gripping Task. International Journal of Occupational Safety and Ergonomics, 1998, 4, 185-200.	1.1	20

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91	Three-Dimensional Scapular Orientation and Muscle Activity at Selected Positions of Humeral Elevation. Journal of Orthopaedic and Sports Physical Therapy, 1996, 24, 57-65.	1.7	352
92	The effect of head position on scapular orientation and muscle activity during shoulder elevation. Journal of Occupational Rehabilitation, 1996, 6, 147-158.	1.2	37