

Jennifer E Stevens-Lapsley

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.

120
papers

2,866
citations

30
h-index

51
g-index

134
ext. papers

3,547
ext. citations

2.9
avg, IF

5.45
L-index

#	Paper	IF	Citations
120	Outcomes before and after total knee arthroplasty compared to healthy adults. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2010 , 40, 559-67	4.2	247
119	Early neuromuscular electrical stimulation to improve quadriceps muscle strength after total knee arthroplasty: a randomized controlled trial. <i>Physical Therapy</i> , 2012 , 92, 210-26	3.3	165
118	Slower walking speed forecasts increased postoperative morbidity and 1-year mortality across surgical specialties. <i>Annals of Surgery</i> , 2013 , 258, 582-8; discussion 588-90	7.8	135
117	Does Tourniquet Use in TKA Affect Recovery of Lower Extremity Strength and Function? A Randomized Trial. <i>Clinical Orthopaedics and Related Research</i> , 2016 , 474, 69-77	2.2	113
116	Quadriceps and hamstrings muscle dysfunction after total knee arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2010 , 468, 2460-8	2.2	106
115	Comparison of self-reported knee injury and osteoarthritis outcome score to performance measures in patients after total knee arthroplasty. <i>PM and R</i> , 2011 , 3, 541-9; quiz 549	2.2	105
114	Muscle strength and functional recovery during the first year after THA. <i>Clinical Orthopaedics and Related Research</i> , 2014 , 472, 654-64	2.2	99
113	Arthrofibrosis Associated With Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017 , 32, 2604-2611	4.4	97
112	Early high-intensity rehabilitation following total knee arthroplasty improves outcomes. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2011 , 41, 932-41	4.2	94
111	Continuous peripheral nerve blocks: is local anesthetic dose the only factor, or do concentration and volume influence infusion effects as well?. <i>Anesthesiology</i> , 2010 , 112, 347-54	4.3	76
110	Weight-bearing asymmetry in relation to measures of impairment and functional mobility for people with knee osteoarthritis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010 , 91, 1524-8	2.8	74
109	Rethinking Hospital-Associated Deconditioning: Proposed Paradigm Shift. <i>Physical Therapy</i> , 2015 , 95, 1307-15	3.3	62
108	Continuous femoral nerve blocks: decreasing local anesthetic concentration to minimize quadriceps femoris weakness. <i>Anesthesiology</i> , 2012 , 116, 665-72	4.3	60
107	Relationship between intensity of quadriceps muscle neuromuscular electrical stimulation and strength recovery after total knee arthroplasty. <i>Physical Therapy</i> , 2012 , 92, 1187-96	3.3	58
106	Clinical Use of Neuromuscular Electrical Stimulation for Neuromuscular Rehabilitation: What Are We Overlooking?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 806-812	2.8	56
105	Predicting functional performance and range of motion outcomes after total knee arthroplasty. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014 , 93, 579-85	2.6	56
104	Quadriceps muscle weakness, activation deficits, and fatigue with Parkinson disease. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 533-41	4.7	56

103	Impact of body mass index on functional performance after total knee arthroplasty. <i>Journal of Arthroplasty</i> , 2010 , 25, 1104-9	4.4	50
102	Strength and functional deficits in individuals with hip osteoarthritis compared to healthy, older adults. <i>Disability and Rehabilitation</i> , 2014 , 36, 307-12	2.4	48
101	Role of Physical Therapists in Reducing Hospital Readmissions: Optimizing Outcomes for Older Adults During Care Transitions From Hospital to Community. <i>Physical Therapy</i> , 2016 , 96, 1125-34	3.3	41
100	Restoration of physical function in patients following total knee arthroplasty: an update on rehabilitation practices. <i>Current Opinion in Rheumatology</i> , 2012 , 24, 208-14	5.3	41
99	Weight-bearing asymmetry during sit-stand transitions related to impairment and functional mobility after total knee arthroplasty. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 1624-9	2.8	40
98	Physical activity after total knee arthroplasty: A critical review. <i>World Journal of Orthopedics</i> , 2015 , 6, 614-22	2.2	38
97	Functional Outcomes After the Prosthetic Training Phase of Rehabilitation After Dysvascular Lower Extremity Amputation. <i>PM and R</i> , 2015 , 7, 1118-1126	2.2	37
96	Early High-Intensity Versus Low-Intensity Rehabilitation After Total Knee Arthroplasty: A Randomized Controlled Trial. <i>Arthritis Care and Research</i> , 2017 , 69, 1360-1368	4.7	37
95	Effects of Weight-Bearing Biofeedback Training on Functional Movement Patterns Following Total Knee Arthroplasty: A Randomized Controlled Trial. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2015 , 45, 647-55	4.2	33
94	Quadriceps/hamstrings co-activation increases early after total knee arthroplasty. <i>Knee</i> , 2014 , 21, 1115-9.6	2.6	32
93	Muscle strength loss in the lower limb after total knee arthroplasty. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2012 , 91, 220-6; quiz 227-30	2.6	32
92	Muscle activation and coactivation during five-time-sit-to-stand movement in patients undergoing total knee arthroplasty. <i>Journal of Electromyography and Kinesiology</i> , 2013 , 23, 1485-93	2.5	31
91	Corticospinal and intracortical excitability of the quadriceps in active older and younger healthy adults. <i>Archives of Gerontology and Geriatrics</i> , 2013 , 56, 279-84	4	31
90	Importance of attenuating quadriceps activation deficits after total knee arthroplasty. <i>Exercise and Sport Sciences Reviews</i> , 2012 , 40, 95-101	6.7	30
89	Performance-Based Versus Self-Reported Outcomes Using the Hip Disability and Osteoarthritis Outcome Score After Total Hip Arthroplasty. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2016 , 95, 132-8	2.6	29
88	Corticospinal and intracortical excitability of the quadriceps in patients with knee osteoarthritis. <i>Experimental Brain Research</i> , 2014 , 232, 3991-9	2.3	28
87	Minimally invasive total knee arthroplasty improves early knee strength but not functional performance: a randomized controlled trial. <i>Journal of Arthroplasty</i> , 2012 , 27, 1812-1819.e2	4.4	28
86	Osteoarthritis in women: effects of estrogen, obesity and physical activity. <i>Women's Health</i> , 2010 , 6, 601-15	3	28

85	Predicting poor physical performance after total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2012 , 30, 1805-10	3.8	26
84	Current Telerehabilitation Research With Older Adults at Home: An Integrative Review. <i>Journal of Gerontological Nursing</i> , 2016 , 42, 15-20	1.2	23
83	A Feasibility Study for Improved Physical Activity After Total Knee Arthroplasty. <i>Journal of Aging and Physical Activity</i> , 2018 , 26, 7-13	1.6	21
82	Physical Therapist Management of Total Knee Arthroplasty. <i>Physical Therapy</i> , 2020 , 100, 1603-1631	3.3	20
81	Multi-Joint Compensatory Effects of Unilateral Total Knee Arthroplasty During High-Demand Tasks. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 2529-2541	4.7	19
80	Preliminary investigation of rate of torque development deficits following total knee arthroplasty. <i>Knee</i> , 2014 , 21, 382-6	2.6	19
79	Physical activity, ambulation, and comorbidities in people with diabetes and lower-limb amputation. <i>Journal of Rehabilitation Research and Development</i> , 2016 , 53, 1069-1078		19
78	Home-Health-Care Physical Therapy Improves Early Functional Recovery of Medicare Beneficiaries After Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018 , 100, 1728-1734	5.6	19
77	Reduced rate of knee extensor torque development in older adults with knee osteoarthritis is associated with intrinsic muscle contractile deficits. <i>Experimental Gerontology</i> , 2015 , 72, 16-21	4.5	18
76	Factors predicting weight-bearing asymmetry 1month after unilateral total knee arthroplasty: a cross-sectional study. <i>Gait and Posture</i> , 2013 , 37, 363-7	2.6	17
75	The impact of hip implant alignment on muscle and joint loading during dynamic activities. <i>Clinical Biomechanics</i> , 2018 , 53, 93-100	2.2	16
74	Behavior-Change Intervention Targeting Physical Function, Walking, and Disability After Dysvascular Amputation: A Randomized Controlled Pilot Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 2160-2167	2.8	16
73	Risk factors for delayed inpatient functional recovery after total knee arthroplasty. <i>BioMed Research International</i> , 2015 , 2015, 167643	3	15
72	Use of post-acute care after hospital discharge in urban and rural hospitals 2017 , 5, 16-22		15
71	Men and Women Demonstrate Differences in Early Functional Recovery After Total Knee Arthroplasty. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 1154-62	2.8	15
70	Progressive multi-component home-based physical therapy for deconditioned older adults following acute hospitalization: a pilot randomized controlled trial. <i>Clinical Rehabilitation</i> , 2016 , 30, 776-83	3.3	14
69	Influence of Hip Abductor Strength on Functional Outcomes Before and After Total Knee Arthroplasty: Post Hoc Analysis of a Randomized Controlled Trial. <i>Physical Therapy</i> , 2017 , 97, 896-903	3.3	14
68	Stiff knee gait may increase risk of second total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2019 , 37, 397-402	3.8	14

67	Dementia, Comorbidity, and Physical Function in the Program of All-Inclusive Care for the Elderly. <i>Journal of Geriatric Physical Therapy</i> , 2019 , 42, E1-E6	3.2	13
66	The relationship between lower extremity swelling, quadriceps strength, and functional performance following total knee arthroplasty. <i>Knee</i> , 2019 , 26, 382-391	2.6	12
65	Single-step test for unilateral limb ability following total knee arthroplasty. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2013 , 43, 66-73	4.2	12
64	Functional performance and muscle strength phenotypes in men and women with Danon disease. <i>Muscle and Nerve</i> , 2010 , 42, 908-14	3.4	12
63	Minimally invasive total knee arthroplasty: surgical implications for recovery. <i>Journal of Knee Surgery</i> , 2013 , 26, 195-201	2.4	11
62	Predictors of Functional Change in a Skilled Nursing Facility Population. <i>Journal of Geriatric Physical Therapy</i> , 2019 , 42, 189-195	3.2	11
61	Simulated hip abductor strengthening reduces peak joint contact forces in patients with total hip arthroplasty. <i>Journal of Biomechanics</i> , 2019 , 93, 18-27	2.9	10
60	Effects of neuromuscular reeducation on hip mechanics and functional performance in patients after total hip arthroplasty: A case series. <i>Clinical Biomechanics</i> , 2016 , 32, 49-55	2.2	10
59	Conducting Clinical Research in Post-acute and Long-term Nursing Home Care Settings: Regulatory Challenges. <i>Journal of the American Medical Directors Association</i> , 2019 , 20, 798-803	5.9	10
58	Management of symptoms of Restless Legs Syndrome with use of a traction straight leg raise: a preliminary case series. <i>Manual Therapy</i> , 2013 , 18, 299-302		10
57	Measuring movement symmetry using tibial-mounted accelerometers for people recovering from total knee arthroplasty. <i>Clinical Biomechanics</i> , 2015 , 30, 732-7	2.2	9
56	Improving Physical Activity Through Adjunct Telerehabilitation Following Total Knee Arthroplasty: Randomized Controlled Trial Protocol. <i>Physical Therapy</i> , 2019 , 99, 37-45	3.3	8
55	Home Health Rehabilitation Utilization Among Medicare Beneficiaries Following Critical Illness. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 1512-1519	5.6	7
54	The Impact of Home Health Physical Therapy on Medicare Beneficiaries With a Primary Diagnosis of Dementia. <i>Journal of the American Geriatrics Society</i> , 2020 , 68, 867-871	5.6	7
53	Person-Centered Care and Physical Therapy: A "People-Like-Me" Approach. <i>Physical Therapy</i> , 2020 , 100, 99-106	3.3	7
52	Physical activity behavior change for older veterans after dysvascular amputation. <i>Contemporary Clinical Trials</i> , 2017 , 55, 10-15	2.3	6
51	Relationships Among Perceived Functional Capacity, Self-Efficacy, and Disability After Dysvascular Amputation. <i>PM and R</i> , 2018 , 10, 1056-1061	2.2	6
50	Linear and curvilinear relationship between knee range of motion and physical functioning in people with knee osteoarthritis: a cross-sectional study. <i>PLoS ONE</i> , 2013 , 8, e76173	3.7	6

49	Physical Function and Pre-Amputation Characteristics Explain Daily Step Count after Dysvascular Amputation. <i>PM and R</i> , 2019 , 11, 1050-1058	2.2	6
48	Impaired Physical Performance Predicts Hospitalization Risk for Participants in the Program of All-Inclusive Care for the Elderly. <i>Physical Therapy</i> , 2019 , 99, 28-36	3.3	6
47	Magnitude of Deformity Correction May Influence Recovery of Quadriceps Strength After Total Knee Arthroplasty. <i>Journal of Arthroplasty</i> , 2017 , 32, 2730-2737	4.4	5
46	Performance on a Clinical Quadriceps Activation Battery Is Related to a Laboratory Measure of Activation and Recovery After Total Knee Arthroplasty. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018 , 99, 99-106	2.8	5
45	Assessing Radiographic Knee Osteoarthritis: An Online Training Tutorial for the Kellgren-Lawrence Grading Scale. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 2016 , 12, 10503	1.2	5
44	Involvement of Acute Care Physical Therapists in Care Transitions for Older Adults Following Acute Hospitalization: A Cross-sectional National Survey. <i>Journal of Geriatric Physical Therapy</i> , 2019 , 42, E73-E80	3.2	5
43	Development of a reference chart to monitor postoperative swelling following total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2020 , 42, 1767-1774	2.4	5
42	Systems Approach Is Needed for In-Hospital Mobility: A Qualitative Metasynthesis of Patient and Clinician Perspectives. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021 , 102, 984-998	2.8	5
41	Benefits of direct patient discharge to outpatient physical therapy after total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2020 , 42, 660-666	2.4	4
40	Walking Speed in the Total Joint Arthroplasty Population. <i>Topics in Geriatric Rehabilitation</i> , 2012 , 28, 104-109	0.7	3
39	Psychometric properties of the 4-meter walk test after total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2020 , 1-7	2.4	3
38	Explaining modified 2-min walk test outcomes in male Veterans with traumatic or nontraumatic lower-limb amputation. <i>Journal of Rehabilitation Research and Development</i> , 2016 , 53, 1035-1044		3
37	Biobehavioral Intervention Targeting Physical Activity Behavior Change for Older Veterans after Nontraumatic Amputation: A Randomized Controlled Trial. <i>PM and R</i> , 2020 , 12, 957-966	2.2	2
36	Characteristics of young and lower functioning patients following total knee arthroplasty: a retrospective study. <i>BMC Musculoskeletal Disorders</i> , 2019 , 20, 483	2.8	2
35	Preoperative Activities of Daily Living Dependency is Associated With Higher 30-Day Readmission Risk for Older Adults After Total Joint Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2020 , 478, 231-237	2.2	2
34	Application of High-Intensity Functional Resistance Training in a Skilled Nursing Facility: An Implementation Study. <i>Physical Therapy</i> , 2020 , 100, 1746-1758	3.3	2
33	A multi-center trial of exercise and testosterone therapy in women after hip fracture: Design, methods and impact of the COVID-19 pandemic. <i>Contemporary Clinical Trials</i> , 2021 , 104, 106356	2.3	2
32	Trajectories of functional performance and muscle strength recovery differ after total knee and total hip replacement: a performance-based, longitudinal study. <i>International Journal of Rehabilitation Research</i> , 2019 , 42, 211-216	1.8	2

31	Influence of Diabetes Mellitus on the Recovery Trajectories of Function, Strength, and Self-Report Measures After Total Knee Arthroplasty. <i>Arthritis Care and Research</i> , 2019 , 71, 1059-1067	4.7	2
30	Association of Leisure-Time Physical Activity With Health-Related Quality of Life Among US Lung Cancer Survivors. <i>JNCI Cancer Spectrum</i> , 2021 , 5,	4.6	2
29	Gait mechanics are influenced by quadriceps strength, age, and sex after total knee arthroplasty. <i>Journal of Orthopaedic Research</i> , 2021 , 39, 1523-1532	3.8	1
28	Reliability, responsiveness, and validity of handheld dynamometry for assessing quadriceps strength in total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2021 , 43, 3070-3077	2.4	1
27	Movement pattern biofeedback training after total knee arthroplasty: Randomized clinical trial protocol. <i>Contemporary Clinical Trials</i> , 2020 , 91, 105973	2.3	1
26	Preparing for the Future of Post-Acute Care: A Metasynthesis of Qualitative Studies.. <i>Home Health Care Management and Practice</i> , 2017 , 29, 70-80	0.9	1
25	Incorporating Specific Functional Strength Integration Techniques to Improve Functional Performance for Veterans After Total Hip Arthroplasty: Protocol for a Randomized Clinical Trial. <i>Physical Therapy</i> , 2019 , 99, 1453-1460	3.3	1
24	Physical Function and Hospital Readmissions. <i>JAMA Internal Medicine</i> , 2015 , 175, 1722	11.5	1
23	Determination of Pain Phenotypes in Knee Osteoarthritis Using Latent Profile Analysis. <i>Pain Medicine</i> , 2021 , 22, 653-662	2.8	1
22	Multiparticipant Rehabilitation in Skilled Nursing Facilities: An Observational Comparison Study. <i>Journal of the American Medical Directors Association</i> , 2020 , 21, 1920-1925	5.9	1
21	Reference chart for knee flexion following total knee arthroplasty: a novel tool for monitoring postoperative recovery. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 482	2.8	1
20	Peripheral Nociception Is Associated with Voluntary Activation Deficits and Quadriceps Weakness Following Total Knee Arthroplasty. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019 , 101, 1539-1545	5.6	1
19	Reliability and precision of single frequency bioelectrical impedance assessment of lower extremity swelling following total knee arthroplasty. <i>Physiotherapy Theory and Practice</i> , 2021 , 37, 197-203	1.5	1
18	Response to Letter to the Editor on "Arthrofibrosis Associated With Total Knee Arthroplasty". <i>Journal of Arthroplasty</i> , 2018 , 33, 968-969	4.4	1
17	Lateral Corticospinal Tract and Dorsal Column Damage: Predictive Relationships With Motor and Sensory Scores at Discharge From Acute Rehabilitation After Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021 ,	2.8	1
16	Progressive Multicomponent Intervention for Older Adults in Home Health Settings Following Acute Hospitalization: Randomized Clinical Trial Protocol. <i>Physical Therapy</i> , 2019 , 99, 1141-1149	3.3	0
15	Development of reference charts for monitoring quadriceps strength with handheld dynamometry after total knee arthroplasty. <i>Disability and Rehabilitation</i> , 2021 , 1-8	2.4	0
14	Modifiable factors associated with health-related quality of life among lung cancer survivors following curative intent therapy.. <i>Lung Cancer</i> , 2021 , 163, 42-50	5.9	0

13	Examination of exclusion criteria in total knee arthroplasty rehabilitation trials: influence on the application of evidence in day-to-day practice. <i>Journal of Evaluation in Clinical Practice</i> , 2021 , 27, 1335-1342	3.5	○
12	Mixed-Methods Approach to Understanding Determinants of Practice Change in Skilled Nursing Facility Rehabilitation: Adapting to and Sustaining Value With Postacute Reform. <i>Journal of Geriatric Physical Therapy</i> , 2021 , 44, 108-118	3.2	○
11	Trunk movement compensation identified by inertial measurement units is associated with deficits in physical performance, muscle strength and functional capacity in people with hip osteoarthritis. <i>Clinical Biomechanics</i> , 2021 , 88, 105436	2.2	○
10	Prospective telehealth analysis of functional performance, frailty, quality of life, and mental health after COVID-19 hospitalization.. <i>BMC Geriatrics</i> , 2022 , 22, 251	4.1	○
9	Poster 42 Early Physical Function for Patients with Type 2 Diabetes Following Transtibial Amputation. <i>PM and R</i> , 2014 , 6, S196	2.2	
8	Poster 252 Modifiable Gait Parameters Associated with Functional Mobility in Lower Limb Amputees. <i>PM and R</i> , 2015 , 7, S174-S174	2.2	
7	Does delay in total knee arthroplasty impact postoperative performance? A case-based illustration. <i>Journal of Knee Surgery</i> , 2013 , 26 Suppl 1, S81-8	2.4	
6	Surgical Management and Rehabilitation of Knee Arthroplasty 2010 , 1-63		
5	Older adults in skilled nursing facilities demonstrate low physical activity during and after discharge. <i>Disability and Rehabilitation</i> , 2021 , 1-6	2.4	
4	Side-to-Side Variability in Muscle Function With Parkinson Disease. <i>Topics in Geriatric Rehabilitation</i> , 2019 , 35, 231-236	0.7	
3	Neighbors-based prediction of physical function after total knee arthroplasty. <i>Scientific Reports</i> , 2021 , 11, 16719	4.9	
2	Feasibility and initial efficacy of a multimodal swelling intervention after total knee arthroplasty: A prospective pilot study with historical controls.. <i>Knee</i> , 2022 , 35, 25-33	2.6	
1	Implementation of a Remote Fidelity Oversight Program for a Multi-Site Exercise Intervention. <i>Innovation in Aging</i> , 2021 , 5, 295-295	0.1	