

# Sunita Mathur

## 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.

102  
papers

2,365  
citations

28  
h-index

45  
g-index

119  
ext. papers

2,893  
ext. citations

2.7  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
102	One-Year Outcomes in Caregivers of Critically Ill Patients. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1831-41	59.2	214
101	Interval versus continuous training in individuals with chronic obstructive pulmonary disease--a systematic review. <i>Thorax</i> , <b>2010</b> , 65, 157-64	7.3	123
100	Mechanisms of Chronic Muscle Wasting and Dysfunction after an Intensive Care Unit Stay. A Pilot Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 821-830	10.2	122
99	Impairments in systems underlying control of balance in COPD. <i>Chest</i> , <b>2012</b> , 141, 1496-1503	5.3	110
98	Exercise training after lung transplantation: a systematic review. <i>Journal of Heart and Lung Transplantation</i> , <b>2010</b> , 29, 497-503	5.8	78
97	Measurement properties of the incremental shuttle walk test. a systematic review. <i>Chest</i> , <b>2014</b> , 145, 1357-1369	5.3	76
96	Age-related differences in lower-limb muscle cross-sectional area and torque production in boys with Duchenne muscular dystrophy. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2010</b> , 91, 1051-8	2.8	65
95	Pulmonary rehabilitation in lung transplant candidates. <i>Journal of Heart and Lung Transplantation</i> , <b>2013</b> , 32, 626-32	5.8	58
94	Changes in muscle T2 and tissue damage after downhill running in mdx mice. <i>Muscle and Nerve</i> , <b>2011</b> , 43, 878-86	3.4	58
93	Measurement of peripheral muscle strength in individuals with chronic obstructive pulmonary disease: a systematic review. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2011</b> , 31, 11-24	3.6	54
92	Estimation of thigh muscle mass with magnetic resonance imaging in older adults and people with chronic obstructive pulmonary disease. <i>Physical Therapy</i> , <b>2008</b> , 88, 219-30	3.3	54
91	Physical rehabilitation for lung transplant candidates and recipients: An evidence-informed clinical approach. <i>World Journal of Transplantation</i> , <b>2016</b> , 6, 517-31	2.3	51
90	Statin-induced rhabdomyolysis: a comprehensive review of case reports. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , <b>2014</b> , 66, 124-32	0.8	50
89	Overexpression of insulin-like growth factor-1 attenuates skeletal muscle damage and accelerates muscle regeneration and functional recovery after disuse. <i>Experimental Physiology</i> , <b>2013</b> , 98, 1038-52	2.4	46
88	Is quadriceps endurance reduced in COPD?: a systematic review. <i>Chest</i> , <b>2015</b> , 147, 673-684	5.3	45
87	Skeletal muscle atrophy in advanced interstitial lung disease. <i>Respirology</i> , <b>2015</b> , 20, 953-9	3.6	45
86	Sarcopenia in lung transplantation: a systematic review. <i>Journal of Heart and Lung Transplantation</i> , <b>2014</b> , 33, 1203-12	5.8	42

85	Structural alterations of skeletal muscle in copd. <i>Frontiers in Physiology</i> , <b>2014</b> , 5, 104	4.6	39
84	Magnetic Resonance Assessment of Hypertrophic and Pseudo-Hypertrophic Changes in Lower Leg Muscles of Boys with Duchenne Muscular Dystrophy and Their Relationship to Functional Measurements. <i>PLoS ONE</i> , <b>2015</b> , 10, e0128915	3.7	34
83	Intramuscular Fat Infiltration Contributes to Impaired Muscle Function in COPD. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 1334-41	1.2	33
82	Physical activity profile of lung transplant candidates with interstitial lung disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2013</b> , 33, 106-12	3.6	33
81	Exercise Limitation in Recipients of Lung Transplants. <i>Physical Therapy</i> , <b>2004</b> , 84, 1178-1187	3.3	33
80	Frailty and clinical benefits with lung transplantation. <i>Journal of Heart and Lung Transplantation</i> , <b>2018</b> , 37, 1245-1253	5.8	31
79	Physical activity levels early after lung transplantation. <i>Physical Therapy</i> , <b>2015</b> , 95, 517-25	3.3	30
78	Thoracic muscle cross-sectional area is associated with hospital length of stay post lung transplantation: a retrospective cohort study. <i>Transplant International</i> , <b>2017</b> , 30, 713-724	3	29
77	Relationship Between Interrectus Distance and Symptom Severity in Women With Diastasis Recti Abdominis in the Early Postpartum Period. <i>Physical Therapy</i> , <b>2018</b> , 98, 182-190	3.3	28
76	Gender-associated differences in pulmonary rehabilitation outcomes in people with chronic obstructive pulmonary disease: a systematic review. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2014</b> , 34, 87-97	3.6	28
75	Assessment of intramuscular lipid and metabolites of the lower leg using magnetic resonance spectroscopy in boys with Duchenne muscular dystrophy. <i>Neuromuscular Disorders</i> , <b>2014</b> , 24, 574-82	2.9	28
74	Test-Retest Reliability of Isometric and Isokinetic Torque in Patients with Chronic Obstructive Pulmonary Disease. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2004</b> , 56, 94	0.8	26
73	Physical activity in solid organ transplant recipients: Participation, predictors, barriers, and facilitators. <i>Clinical Transplantation</i> , <b>2017</b> , 31, e12929	3.8	24
72	Physical Activity in Adults with Diabetes Following Prosthetic Rehabilitation. <i>Canadian Journal of Diabetes</i> , <b>2016</b> , 40, 336-41	2.1	23
71	Exercise for Solid Organ Transplant Candidates and Recipients: A Joint Position Statement of the Canadian Society of Transplantation and CAN-RESTORE. <i>Transplantation</i> , <b>2019</b> , 103, e220-e238	1.8	23
70	Participation in daily life activities and its relationship to strength and functional measures in boys with Duchenne muscular dystrophy. <i>Disability and Rehabilitation</i> , <b>2014</b> , 36, 1918-23	2.4	22
69	Evaluation of Skeletal Muscle Function in Lung Transplant Candidates. <i>Transplantation</i> , <b>2017</b> , 101, 2183-2191	2.8	19
68	Preservation of eccentric torque of the knee extensors and flexors in patients with COPD. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2007</b> , 27, 411-6	3.6	19

67	Intensive Care Unit-Acquired Weakness: Not just Another Muscle Atrophying Condition. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	19
66	Skeletal Muscle Strength and Endurance in Recipients of Lung Transplants. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2008</b> , 19, 84-93	1	18
65	Transcriptomic analysis reveals abnormal muscle repair and remodeling in survivors of critical illness with sustained weakness. <i>Scientific Reports</i> , <b>2016</b> , 6, 29334	4.9	18
64	Age-related T2 changes in hindlimb muscles of mdx mice. <i>Muscle and Nerve</i> , <b>2016</b> , 53, 84-90	3.4	17
63	Validity of Inter-rectus Distance Measurement in Postpartum Women Using Extended Field-of-View Ultrasound Imaging Techniques. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2015</b> , 45, 808-13	4.2	15
62	Exercise training before and after lung transplantation. <i>Physician and Sportsmedicine</i> , <b>2009</b> , 37, 78-87	2.4	15
61	Computed Tomography-Derived Thoracic Muscle Size as an Indicator of Sarcopenia in People With Advanced Lung Disease. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2017</b> , 28, 99-105	1	14
60	Utilization of non-invasive imaging tools for assessment of peripheral skeletal muscle size and composition in chronic lung disease: A systematic review. <i>Respiratory Medicine</i> , <b>2017</b> , 131, 125-134	4.6	14
59	Factors affecting discharge destination following lung transplantation. <i>Clinical Transplantation</i> , <b>2015</b> , 29, 581-7	3.8	11
58	Doctorate in physical therapy: is it time for a conversation?. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2011</b> , 63, 140-5	0.8	11
57	Delayed Onset Muscle Soreness After Inspiratory Threshold Loading in Healthy Adults. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2010</b> , 21, 5-12	1	11
56	Weekend physiotherapy practice in community hospitals in Canada. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2012</b> , 64, 178-87	0.8	11
55	Neuromuscular electrostimulation for adults with chronic obstructive pulmonary disease. <i>The Cochrane Library</i> , <b>2018</b> , 5, CD010821	5.2	11
54	Time-to-referral, use, and efficacy of cardiac rehabilitation after heart transplantation. <i>Transplantation</i> , <b>2015</b> , 99, 594-601	1.8	10
53	Skeletal muscle strength and endurance in recipients of lung transplants. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2008</b> , 19, 84-93	1	10
52	Functional Tests of Leg Muscle Strength and Power in Adults With Cystic Fibrosis. <i>Respiratory Care</i> , <b>2019</b> , 64, 40-47	2.1	10
51	Does limb partitioning and positioning affect acute cardiorespiratory responses during strength exercises in patients with COPD?. <i>Respirology</i> , <b>2017</b> , 22, 1336-1342	3.6	8
50	Barriers to Physical Activity Following Rehabilitation: Perspectives of Older Adults with Chronic Disease. <i>Journal of Aging and Physical Activity</i> , <b>2016</b> , 24, 223-33	1.6	8

49	Delayed onset muscle soreness after inspiratory threshold loading in healthy adults. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2010</b> , 21, 5-12	1	8
48	Reliability of quadriceps muscle power and explosive force, and relationship to physical function in people with chronic obstructive pulmonary disease: an observational prospective multicenter study. <i>Physiotherapy Theory and Practice</i> , <b>2021</b> , 37, 945-953	1.5	7
47	Chest computed tomography is a valid measure of body composition in individuals with advanced lung disease. <i>Clinical Physiology and Functional Imaging</i> , <b>2020</b> , 40, 360-368	2.4	7
46	Quantitative Evaluation of Muscle Function, Gait, and Postural Control in People Experiencing Critical Illness After Discharge From the Intensive Care Unit. <i>Physical Therapy</i> , <b>2018</b> , 98, 8-15	3.3	7
45	Longitudinal Evaluation of Muscle Composition Using Magnetic Resonance in 4 Boys With Duchenne Muscular Dystrophy: Case Series. <i>Physical Therapy</i> , <b>2015</b> , 95, 978-88	3.3	7
44	Exertional Oxygen Requirements During Exercise Training in Advanced Interstitial Lung Disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2018</b> , 38, 419-424	3.6	7
43	"We are all there for the same purpose": Support for an integrated community exercise program for older adults with HF and COPD. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2017</b> , 46, 308-312	2.6	6
42	Fixed Handheld Dynamometry Provides Reliable and Valid Values for Quadriceps Isometric Strength in People With Chronic Obstructive Pulmonary Disease: A Multicenter Study. <i>Physical Therapy</i> , <b>2019</b> , 99, 1255-1267	3.3	6
41	Clinical outcomes associated with computed tomography-based body composition measures in lung transplantation: a systematic review. <i>Transplant International</i> , <b>2020</b> , 33, 1610-1625	3	6
40	Surface electromyography (sEMG) of extradiaphragm respiratory muscles in healthy subjects: A systematic review. <i>Journal of Electromyography and Kinesiology</i> , <b>2018</b> , 42, 123-135	2.5	6
39	The impact of exercise therapy and abdominal binding in the management of diastasis recti abdominis in the early post-partum period: a pilot randomized controlled trial. <i>Physiotherapy Theory and Practice</i> , <b>2021</b> , 37, 1018-1033	1.5	6
38	Assessing Heart Rate Variability As a Surrogate Measure of Cardiac Autonomic Function in Chronic Traumatic Spinal Cord Injury. <i>Topics in Spinal Cord Injury Rehabilitation</i> , <b>2018</b> , 24, 28-36	1.5	6
37	Perspectives of Canadian Final-Year Physiotherapy Students on Cardiorespiratory Physiotherapy as a Career Choice. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2016</b> , 68, 282-289	0.8	6
36	Trunk Function and Ischial Pressure Offloading in Individuals with Spinal Cord Injury. <i>Journal of Spinal Cord Medicine</i> , <b>2017</b> , 40, 723-732	1.9	5
35	Solid Organ Transplant Recipients' Opinions of Pre- and Post-Transplant Supervised Exercise Programmes: A Brief Report. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2017</b> , 69, 178-183	0.8	5
34	Cardiopulmonary physical therapy practice in the paediatric intensive care unit. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2013</b> , 65, 374-7	0.8	5
33	Evaluation of Limb Muscle Strength and Function in People With Chronic Obstructive Pulmonary Disease. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2019</b> , 30, 24-34	1	5
32	Two-Year Longitudinal Changes in Lower Limb Strength and Its Relation to Loss in Function in a Large Cohort of Patients With Duchenne Muscular Dystrophy. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2018</b> , 97, 734-740	2.6	4

31	Developing a physiotherapy-specific preliminary clinical decision-making tool for oxygen titration: a modified delphi study. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2014</b> , 66, 286-95	0.8	4
30	Limb muscle size and contractile function in adults with cystic fibrosis: A systematic review and meta-analysis. <i>Journal of Cystic Fibrosis</i> , <b>2021</b> , 20, e53-e62	4.1	4
29	Skeletal muscle oxygenation and regional blood volume during incremental limb loading in interstitial lung disease. <i>ERJ Open Research</i> , <b>2020</b> , 6,	3.5	3
28	Quantitative ultrasound imaging over the ischial tuberosity: An exploratory study to inform tissue health. <i>Journal of Tissue Viability</i> , <b>2018</b> , 27, 173-180	3.2	3
27	Interval aerobic exercise in individuals with advanced interstitial lung disease: a feasibility study. <i>Physiotherapy Theory and Practice</i> , <b>2021</b> , 37, 1034-1042	1.5	3
26	Exercise Prescription Using the Six-Minute Walk Test in Individuals Awaiting Lung Transplantation. <i>Cardiopulmonary Physical Therapy Journal</i> , <b>2014</b> , 25, 106-112	1	3
25	Le doctorat en physioth�apie : est-il enfin temps d'ouvrir le d�bat?. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2011</b> , 63, 143-145	0.8	3
24	Influence of Exercise-Induced Injury on Knee Extension Torque in the Presence of Long-Standing Quadriceps Atrophy: Case Report. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2005</b> , 57, 305-313	0.8	3
23	Skeletal Muscle Training in People with Chronic Heart Failure or Chronic Obstructive Pulmonary Disease. <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2004</b> , 56, 143	0.8	3
22	Arm Activity During Daily Life in Individuals With Chronic Obstructive Pulmonary Disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , <b>2016</b> , 36, 125-31	3.6	3
21	Impaired cardiac autonomic response in lung transplant patients: A retrospective cohort study. <i>Clinical Transplantation</i> , <b>2019</b> , 33, e13612	3.8	2
20	The effects of exercise training in adult solid organ transplant recipients: A systematic review and meta-analysis. <i>Transplant International</i> , <b>2021</b> , 34, 801-824	3	2
19	Association of Thoracic Computed Tomographic Measurements and Outcomes in Patients with Hematologic Malignancies Requiring Mechanical Ventilation. <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 1219-1226	4.7	2
18	User-centered design features for digital health applications to support physical activity behaviors in solid organ transplant recipients: A qualitative study. <i>Clinical Transplantation</i> , <b>2021</b> , e14472	3.8	2
17	The relationship between pressure offloading and ischial tissue health in individuals with spinal cord injury: An exploratory study. <i>Journal of Spinal Cord Medicine</i> , <b>2019</b> , 42, 186-195	1.9	1
16	Let's Get Physical. <i>Transplantation</i> , <b>2017</b> , 101, S10	1.8	1
15	Intrinsic transient tracheal occlusion training and myogenic remodeling of rodent parasternal intercostal fibers. <i>Journal of Rehabilitation Research and Development</i> , <b>2014</b> , 51, 841-54		1
14	Neuromuscular electrostimulation for chronic obstructive pulmonary disease. <i>The Cochrane Library</i> , <b>2013</b> ,	5.2	1

13	Effect of reactive balance training on physical fitness poststroke: study protocol for a randomised non-inferiority trial. <i>BMJ Open</i> , <b>2020</b> , 10, e035740	3	1
12	Glucocorticoid-induced myopathy in people with asthma: a systematic review. <i>Journal of Asthma</i> , <b>2021</b> , 1-14	1.9	1
11	Test-retest reliability of force plate-derived measures of reactive stepping. <i>Journal of Biomechanics</i> , <b>2021</b> , 115, 110185	2.9	1
10	Frailty assessment and impact of frailty on outcomes after transcatheter aortic valve replacement. <i>Expert Review of Cardiovascular Therapy</i> , <b>2018</b> , 16, 757-763	2.5	1
9	Clinical commentary on mistry et Al.(1). <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2014</b> , 66, 402-3	0.8	
8	Clinician's Commentary on Janaudis-Ferreira et al.(1.). <i>Physiotherapy Canada Physiotherapie Canada</i> , <b>2013</b> , 65, 44-5	0.8	
7	Muscle Pathology and Functional Ability in Children with Duchenne Muscular Dystrophy. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 815-816	1.2	
6	Clinical Usefulness of Functional Tests of Leg Muscle Strength and Power in Adults With Cystic Fibrosis. <i>Respiratory Care</i> , <b>2019</b> , 64, 240-241	2.1	
5	Oxygen administration practices during exercise training in Ontario pulmonary rehabilitation programs. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , <b>2020</b> , 4, 91-98	0.6	
4	Reliability of Lower Extremity Muscle Power and Functional Performance in Healthy, Older Women. <i>Journal of Aging Research</i> , <b>2021</b> , 2021, 8817231	2.3	
3	Reply: Subcutaneous Fat Tissue: Which Region Is More Appropriate for the Measurement?. <i>Annals of the American Thoracic Society</i> , <b>2021</b> , 18, 1431-1432	4.7	
2	Disseminating education to solid organ transplant recipients to promote engagement in physical activity. <i>PEC Innovation</i> , <b>2022</b> , 1, 100024		
1	Associations Between Lower Limb Isometric Torque, Isokinetic Torque, and Explosive Force With Phases of Reactive Stepping in Young, Healthy Adults.. <i>Journal of Applied Biomechanics</i> , <b>2022</b> , 1-8	1.2	