Sheri P Silfies

List of Publications by Year
in descending order

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41	1,464	394421	361022
papers	citations	19 h-index	35 g-index

42	42	42	1249
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Delayed Trunk Muscle Reflex Responses Increase the Risk of Low Back Injuries. Spine, 2005, 30, 2614-2620.	2.0	287
2	Interventions for the Management of Acute and Chronic Low Back Pain: Revision 2021. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, CPG1-CPG60.	3.5	191
3	Trunk muscle recruitment patterns in specific chronic low back pain populations. Clinical Biomechanics, 2005, 20, 465-473.	1.2	157
4	Differences in Feedforward Trunk Muscle Activity in Subgroups of Patients With Mechanical Low Back Pain. Archives of Physical Medicine and Rehabilitation, 2009, 90, 1159-1169.	0.9	105
5	Trunk control during standing reach: A dynamical system analysis of movement strategies in patients with mechanical low back pain. Gait and Posture, 2009, 29, 370-376.	1.4	84
6	The effects of visual input on postural control of the lumbar spine in unstable sitting. Human Movement Science, 2003, 22, 237-252.	1.4	63
7	Critical review of the impact of core stability on upper extremity athletic injury and performance. Brazilian Journal of Physical Therapy, 2015, 19, 360-368.	2.5	63
8	Muscle activation imbalance and low-back injury in varsity athletes. Journal of Electromyography and Kinesiology, 2006, 16, 264-272.	1.7	52
9	Lumbar position sense and the risk of low back injuries in college athletes: a prospective cohort study. BMC Musculoskeletal Disorders, 2007, 8, 129.	1.9	48
10	Clinical Observation of Standing Trunk Movements: What Do the Aberrant Movement Patterns Tell Us?. Journal of Orthopaedic and Sports Physical Therapy, 2014, 44, 262-272.	3.5	47
11	Trunk motor control deficits in acute and subacute low back pain are not associated with pain or fear of movement. Spine Journal, 2015, 15, 1772-1782.	1.3	45
12	Altered Trunk Motor Planning in Patients with Nonspecific Low Back Pain. Journal of Motor Behavior, 2010, 42, 135-144.	0.9	37
13	The evolving role of physical therapists in the long-term management of chronic low back pain: longitudinal care using assisted self-management strategies. Brazilian Journal of Physical Therapy, 2016, 20, 580-591.	2.5	36
14	Spinal cord modularity: evolution, development, and optimization and the possible relevance to low back pain in man. Experimental Brain Research, 2010, 200, 283-306.	1.5	32
15	Comparison of Motion Restriction and Trunk Stiffness Provided by Three Thoracolumbosacral Orthoses (TLSOs). Journal of Spinal Disorders and Techniques, 2003, 16, 461-468.	1.9	26
16	VALIDATION OF TWO CLINICAL MEASURES OF CORE STABILITY. International Journal of Sports Physical Therapy, 2016, 11, 15-23.	1.3	25
17	Improving Long-Term Outcomes for Chronic Low Back Pain: Time for a New Paradigm?. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 236-239.	3.5	23
18	Using kinematics and a dynamical systems approach to enhance understanding of clinically observed aberrant movement patterns. Manual Therapy, 2015, 20, 221-226.	1.6	21

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19	Kinematic characterization of clinically observed aberrant movement patterns in patients with non-specific low back pain: a cross-sectional study. BMC Musculoskeletal Disorders, 2017, 18, 455.	1.9	21
20	Trunk Postural Muscle Timing Is Not Compromised In Low Back Pain Patients Clinically Diagnosed With Movement Coordination Impairments. Motor Control, 2017, 21, 133-157.	0.6	14
21	Reduced instantaneous center of rotation movement in patients with low back pain. European Spine Journal, 2018, 27, 154-162.	2.2	11
22	Changes in Brain Structure and Activation May Augment Abnormal Movement Patterns: An Emerging Challenge in Musculoskeletal Rehabilitation. Pain Medicine, 2017, 18, 2051-2054.	1.9	10
23	Scapulothoracic and Glenohumeral Motions During Functional Reaching Tasks in Women With a History of Breast Cancer and Healthy Age-Matched Controls. Rehabilitation Oncology, 2016, 34, 127-136.	0.5	9
24	Test-Retest Reliability, Validity, and Minimal Detectable Change of the Balance Evaluation Systems Test to Assess Balance in Persons with Multiple Sclerosis. International Journal of MS Care, 2018, 20, 231-237.	1.0	9
25	Chronic low back pain influences trunk neuromuscular control during unstable sitting among persons with lower-limb loss. Gait and Posture, 2019, 74, 236-241.	1.4	8
26	Individuals With and Without Low Back Pain Use Different Motor Control Strategies to Achieve Spinal Stiffness During the Prone Instability Test. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 899-907.	3.5	7
27	Lumbar Multifidus and Erector Spinae Muscle Synergies in Patients with Nonspecific Low Back Pain During Prone Hip Extension: A Crossâ€sectional Study. PM and R, 2019, 11, 694-702.	1.6	7
28	Comparison of core neuromuscular control and lower extremity postural stability in athletes with and without shoulder injuries. Clinical Biomechanics, 2020, 71, 196-200.	1.2	7
29	Characterizing and Understanding the Low Back Pain Experience Among Persons with Lower Limb Loss. Pain Medicine, 2020, 21, 1068-1077.	1.9	6
30	Assessing sensorimotor control of the lumbopelvic-hip region using task-based functional MRI. Journal of Neurophysiology, 2020, 124, 192-206.	1.8	5
31	Construct Validity of Three Clinical Tests of Core Neuromuscular Control. Medicine and Science in Sports and Exercise, 2018, 50, 572.	0.4	2
32	Comprehensive movement system screening tool (MSST) for athletes: Development and measurement properties. Brazilian Journal of Physical Therapy, 2020, 24, 512-523.	2.5	2
33	Patients with low back pain use stiffening strategy to compensate for movement control during active prone hip rotation: A cross-sectional study. Journal of Back and Musculoskeletal Rehabilitation, 2022, 35, 373-382.	1.1	2
34	Near infrared spectroscopy confirms recruitment of specific lumbar extensors through neuromuscular electrical stimulation. Physiotherapy Theory and Practice, 2020, 36, 516-523.	1.3	1
35	Task-Based Functional Connectivity and Blood-Oxygen-Level-Dependent Activation During Within-Scanner Performance of Lumbopelvic Motor Tasks: A Functional Magnetic Resonance Imaging Study. Frontiers in Human Neuroscience, 2022, 16, 816595.	2.0	1
36	Relationships between Functional Movement Screen, Y-Balance Test and Biomechanical Measures of Core Stability. Medicine and Science in Sports and Exercise, 2014, 46, 696.	0.4	0

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37	Relationship Between Clinical And Biomechanical Testing Of Core Stability. Medicine and Science in Sports and Exercise, 2015, 47, 855.	0.4	0
38	Relationships Among Injury History, Flexibility And Fms Score In College Dance Majors. Medicine and Science in Sports and Exercise, 2015, 47, 551.	0.4	0
39	Differences In Core Stability Between Collegiate Football Players With And Without Shoulder Pain. Medicine and Science in Sports and Exercise, 2016, 48, 286.	0.4	0
40	Scaling of Joint Motion and Muscle Activation for 3-Dimensional Control of Reach Extent. Journal of Motor Behavior, 2022, 54, 222-236.	0.9	0
41	COMPARISON OF CORE STABILITY AND BALANCE IN ATHLETES WITH AND WITHOUT SHOULDER INJURIES. International Journal of Sports Physical Therapy, 2018, 13, 1015-1023.	1.3	0