

# Stephan Milosavljevic

## List of Publications by Year in descending order

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131  
papers

2,731  
citations

186209

28  
h-index

233338

45  
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137  
all docs

137  
docs citations

137  
times ranked

3189  
citing authors

#	ARTICLE	IF	CITATIONS
1	Test-Retest Reliability of Isokinetic Knee Extension and Flexion. Archives of Physical Medicine and Rehabilitation, 2007, 88, 626-631.	0.5	215
2	Exercise for Adults with Fibromyalgia: An Umbrella Systematic Review with Synthesis of Best Evidence. Current Rheumatology Reviews, 2014, 10, 45-79.	0.4	110
3	Selective Strength Loss and Decreased Muscle Activity in Hamstring Injury. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 354-363.	1.7	93
4	The relationship between physical activity and low back pain outcomes: a systematic review of observational studies. European Spine Journal, 2011, 20, 464-474.	1.0	89
5	Pregnancy-related pelvic girdle pain and its relationship with relaxin levels during pregnancy: a systematic review. European Spine Journal, 2012, 21, 1769-1776.	1.0	84
6	Palpation identification of spinous processes in the lumbar spine. Manual Therapy, 2007, 12, 56-62.	1.6	83
7	The effect of age on lumbar range of motion: A systematic review. Manual Therapy, 2009, 14, 596-604.	1.6	79
8	A systematic review of studies using pedometers as an intervention for musculoskeletal diseases. BMC Musculoskeletal Disorders, 2014, 15, 231.	0.8	70
9	All-terrain vehicle use in agriculture: Exposure to whole body vibration and mechanical shock. Applied Ergonomics, 2010, 41, 530-535.	1.7	64
10	Is pregnancy related pelvic girdle pain associated with altered kinematic, kinetic and motor control of the pelvis? A systematic review. European Spine Journal, 2012, 21, 1777-1787.	1.0	62
11	The effectiveness of walking as an intervention for low back pain: a systematic review. European Spine Journal, 2010, 19, 1613-1620.	1.0	60
12	Effects of external pelvic compression on form closure, force closure, and neuromotor control of the lumbopelvic spine – A systematic review. Manual Therapy, 2012, 17, 275-284.	1.6	57
13	Risk Factors for First Time Incidence Sciatica: A Systematic Review. Physiotherapy Research International, 2014, 19, 65-78.	0.7	52
14	Therapist knowledge, adherence and use of low back pain guidelines to inform clinical decisions – A national survey of manipulative and sports physiotherapists in New Zealand. Manual Therapy, 2013, 18, 136-142.	1.6	49
15	The effect of occupational whole-body vibration on standing balance: A systematic review. International Journal of Industrial Ergonomics, 2010, 40, 698-709.	1.5	47
16	Investigating the effect of a 3-month workplace-based pedometer-driven walking programme on health-related quality of life in meat processing workers: a feasibility study within a randomized controlled trial. BMC Public Health, 2015, 15, 410.	1.2	41
17	Altered muscle activation following hamstring injuries. British Journal of Sports Medicine, 2012, 46, 118-123.	3.1	40
18	Extrinsic feedback and management of low back pain: A critical review of the literature. Manual Therapy, 2011, 16, 231-239.	1.6	38

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19	Accuracy and reliability of observational motion analysis in identifying shoulder symptoms. <i>Manual Therapy</i> , 2007, 12, 263-270.	1.6	37
20	Utility of the RT3 triaxial accelerometer in free living: An investigation of adherence and data loss. <i>Applied Ergonomics</i> , 2010, 41, 469-476.	1.7	36
21	Hip and lumbar continuous motion characteristics during flexion and return in young healthy males. <i>European Spine Journal</i> , 2007, 16, 741-747.	1.0	35
22	Quantifying low back peak and cumulative loads in open and senior sheep shearers in New Zealand: Examining the effects of a trunk harness. <i>Ergonomics</i> , 2006, 49, 968-981.	1.1	34
23	The Effectiveness of a Lumbopelvic Monitor and Feedback Device to Change Postural Behavior: A Feasibility Randomized Controlled Trial. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 702-711.	1.7	33
24	Determining geographic accessibility of family physician and nurse practitioner services in relation to the distribution of seniors within two Canadian Prairie Provinces. <i>Social Science and Medicine</i> , 2017, 194, 96-104.	1.8	33
25	Innominate movement patterns, rotation trends and range of motion in individuals with low back pain of sacroiliac joint origin. <i>Manual Therapy</i> , 2016, 21, 100-108.	1.6	32
26	Farmers' perceptions of exoskeleton use on farms: Finding the right tool for the work(er). <i>International Journal of Industrial Ergonomics</i> , 2020, 80, 103036.	1.5	32
27	Factors associated with quad bike loss of control events in agriculture. <i>International Journal of Industrial Ergonomics</i> , 2011, 41, 317-321.	1.5	31
28	Does Daily Exposure to Whole-Body Vibration and Mechanical Shock Relate to the Prevalence of Low Back and Neck Pain in a Rural Workforce?. <i>Annals of Occupational Hygiene</i> , 2011, 56, 10-7.	1.9	30
29	Validity and reliability of palpation-digitization for non-invasive kinematic measurement – A systematic review. <i>Manual Therapy</i> , 2013, 18, 26-34.	1.6	30
30	Rural Workers' Experience of Low Back Pain: Exploring Why They Continue to Work. <i>Journal of Occupational Rehabilitation</i> , 2011, 21, 395-409.	1.2	27
31	Dose-response relationship between work-related cumulative postural exposure and low back pain: A systematic review. <i>Annals of Occupational Hygiene</i> , 2012, 56, 684-96.	1.9	27
32	The influence of hip abduction and external rotation on sacroiliac motion. <i>Manual Therapy</i> , 2009, 14, 520-525.	1.6	26
33	Telerehabilitation to improve outcomes for people with stroke: study protocol for a randomised controlled trial. <i>Trials</i> , 2012, 13, 233.	0.7	26
34	Construct validity of clinical spinal mobility tests in ankylosing spondylitis: a systematic review and meta-analysis. <i>Clinical Rheumatology</i> , 2016, 35, 1777-1787.	1.0	25
35	Impingement pain affects kinematics of breast cancer survivors in work-related functional tasks. <i>Clinical Biomechanics</i> , 2019, 70, 223-230.	0.5	25
36	The Spineangel®: Examining the validity and reliability of a novel clinical device for monitoring trunk motion. <i>Manual Therapy</i> , 2010, 15, 160-166.	1.6	24

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37	Measuring geographical accessibility to rural and remote health care services: Challenges and considerations. <i>Spatial and Spatio-temporal Epidemiology</i> , 2017, 21, 87-96.	0.9	23
38	Whole body vibration exposure patterns in Canadian prairie farmers. <i>Ergonomics</i> , 2017, 60, 1064-1073.	1.1	23
39	Exposure to Whole-Body Vibration and Mechanical Shock: A Field Study of Quad Bike Use in Agriculture. <i>Annals of Occupational Hygiene</i> , 2011, 55, 286-95.	1.9	22
40	Potential exoskeleton uses for reducing low back muscular activity during farm tasks. <i>American Journal of Industrial Medicine</i> , 2020, 63, 1017-1028.	1.0	22
41	All terrain vehicle loss of control events in agriculture: Contribution of pitch, roll and velocity. <i>Ergonomics</i> , 2010, 53, 18-29.	1.1	21
42	Examining the Supply of and Demand for Physiotherapy in Saskatchewan: The Relationship between Where Physiotherapists Work and Population Health Need. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2016, 68, 335-345.	0.3	21
43	Mapping Physiotherapy Use in Canada in Relation to Physiotherapist Distribution. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2019, 71, 213-219.	0.3	21
44	The influence of skill and low back pain on trunk postures and low back loads of shearers. <i>Ergonomics</i> , 2010, 53, 65-73.	1.1	19
45	Does a patient's physical activity predict recovery from an episode of acute low back pain? A prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 126.	0.8	19
46	Asymmetric pelvic bracing and altered kinematics in patients with posterior pelvic pain who present with postural muscle delay. <i>Clinical Biomechanics</i> , 2015, 30, 71-77.	0.5	18
47	The combined fatigue effects of sequential exposure to seated whole body vibration and physical, mental, or concurrent work demands. <i>PLoS ONE</i> , 2017, 12, e0188468.	1.1	18
48	Exploring head and neck vibration exposure from quad bike use in agriculture. <i>International Journal of Industrial Ergonomics</i> , 2018, 66, 63-69.	1.5	18
49	Three-dimensional spinal motion and risk of low back injury during sheep shearing. <i>Applied Ergonomics</i> , 2007, 38, 299-306.	1.7	17
50	Sex differences in the pattern of innominate motion during passive hip abduction and external rotation. <i>Manual Therapy</i> , 2009, 14, 514-519.	1.6	17
51	Construct validity of RT3 accelerometer: A comparison of level-ground and treadmill walking at self-selected speeds. <i>Journal of Rehabilitation Research and Development</i> , 2010, 47, 157.	1.6	17
52	Running-related hamstring injuries: a neuromuscular approach. <i>Physical Therapy Reviews</i> , 2008, 13, 102-110.	0.3	16
53	Cumulative postural exposure measured by a novel device: a preliminary study. <i>Ergonomics</i> , 2011, 54, 858-865.	1.1	16
54	Inter-tester reliability of non-invasive technique for measurement of innominate motion. <i>Manual Therapy</i> , 2012, 17, 71-76.	1.6	16

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55	Use of pedometer-driven walking to promote physical activity and improve health-related quality of life among meat processing workers: a feasibility trial. <i>Health and Quality of Life Outcomes</i> , 2013, 11, 185.	1.0	16
56	Sample size estimation for cluster randomized controlled trials. <i>Musculoskeletal Science and Practice</i> , 2018, 34, 108-111.	0.6	16
57	The influence of a back support harness on spinal forces during sheep shearing. <i>Ergonomics</i> , 2004, 47, 1208-1225.	1.1	15
58	The influence of occupation on lumbar sagittal motion and posture. <i>Ergonomics</i> , 2005, 48, 657-667.	1.1	14
59	A rationale for the provision of extrinsic feedback towards management of low back pain. <i>Manual Therapy</i> , 2011, 16, 301-305.	1.6	14
60	Kinematic and temporal interactions of the lumbar spine and hip during trunk extension in healthy male subjects. <i>European Spine Journal</i> , 2008, 17, 122-128.	1.0	13
61	Exploring a model of asymmetric shoe wear on lower limb performance. <i>Physical Therapy in Sport</i> , 2010, 11, 60-65.	0.8	12
62	Trunk postures and peak and cumulative low back kinetics during upright posture sheep shearing. <i>Ergonomics</i> , 2009, 52, 1576-1583.	1.1	11
63	Does physical activity change predict functional recovery in low back pain? Protocol for a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 136.	0.8	11
64	Participant perceptions of use of CyWee Z as adjunct to rehabilitation of upper-limb function following stroke. <i>Journal of Rehabilitation Research and Development</i> , 2012, 49, 623.	1.6	11
65	Validity and reliability of the Spineangel <sup>®</sup> lumbo-pelvic postural monitor. <i>Ergonomics</i> , 2013, 56, 977-991.	1.1	11
66	Comparing geographical distribution of community-based physiotherapists and family physicians across Saskatchewan. <i>Canadian Geographer / Geographie Canadien</i> , 2015, 59, 461-473.	1.0	11
67	Age-related plantar centre of pressure trajectory changes during barefoot walking. <i>Gait and Posture</i> , 2017, 57, 188-192.	0.6	11
68	Walking Stability During Normal Walking and Its Association with Slip Intensity Among Individuals with Incomplete Spinal Cord Injury. <i>PM and R</i> , 2019, 11, 270-277.	0.9	11
69	The utility of the acromion marker cluster (AMC) in a clinical population. <i>Journal of Electromyography and Kinesiology</i> , 2022, 62, 102298.	0.7	11
70	A randomized controlled trial investigating effects of an individualized pedometer driven walking program on chronic low back pain. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 206.	0.8	11
71	The Influence of Body Mass on Whole-Body Vibration: A Quad-Bike Field Study. <i>The Ergonomics Open Journal</i> , 2011, 4, 1-9.	1.8	11
72	Can non-immersive virtual reality improve physical outcomes of rehabilitation?. <i>Physical Therapy Reviews</i> , 2012, 17, 1-15.	0.3	10

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73	Exploring how anthropometric, vehicle and workplace factors influence whole-body vibration exposures during on-farm use of a quad bike. <i>International Journal of Industrial Ergonomics</i> , 2012, 42, 392-396.	1.5	10
74	Unrealistic Optimism, Fatalism, and Risk-Taking in New Zealand Farmersâ€™ Descriptions of Quad-Bike Incidents: A Directed Qualitative Content Analysis. <i>Journal of Agromedicine</i> , 2015, 20, 11-20.	0.9	10
75	â€œThere are risks to be taken and some just push it too farâ€ how farmers perceive quadâ€bike incident risk. <i>Australian and New Zealand Journal of Public Health</i> , 2016, 40, 55-61.	0.8	10
76	Reactive balance responses to an unexpected slip perturbation in individuals with incomplete spinal cord injury. <i>Clinical Biomechanics</i> , 2020, 78, 105099.	0.5	10
77	Geographic availability to optometry services across Canada: mapping distribution, need and self-reported use. <i>BMC Health Services Research</i> , 2020, 20, 639.	0.9	10
78	Can accelerometry be used to discriminate levels of activity?. <i>Ergonomics</i> , 2009, 52, 1019-1025.	1.1	9
79	Can innominate motion be used to identify persons with ankylosing spondylitis? A pilot study. <i>Manual Therapy</i> , 2013, 18, 118-123.	1.6	9
80	Criterion-concurrent Validity of Spinal Mobility Tests in Ankylosing Spondylitis: A Systematic Review of the Literature. <i>Journal of Rheumatology</i> , 2015, 42, 243-251.	1.0	9
81	Effects of external pelvic compression on isokinetic strength of the thigh muscles in sportsmen with and without hamstring injuries. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 283-288.	0.6	9
82	Can hip abduction and external rotation discriminate sacroiliac joint pain?. <i>Manual Therapy</i> , 2016, 21, 191-197.	1.6	9
83	OUP accepted manuscript. <i>Annals of Work Exposures and Health</i> , 2018, 62, 884-898.	0.6	9
84	CLINICAL RELIABILITY AND DIAGNOSTIC ACCURACY OF VISUAL SCAPULOHUMERAL MOVEMENT EVALUATION IN DETECTING PATIENTS WITH SHOULDER IMPAIRMENT. <i>International Journal of Sports Physical Therapy</i> , 2015, 10, 456-63.	0.5	9
85	An Examination of Shoulder Postures and Moments of Force Among Different Skill Levels in the Wool Harvesting Industry. <i>International Journal of Occupational Safety and Ergonomics</i> , 2009, 15, 409-418.	1.1	8
86	Can application of a pelvic belt change injured hamstring muscle activity?. <i>Medical Hypotheses</i> , 2012, 78, 277-282.	0.8	8
87	Evaluation of Changes in Pelvic Belt Tension During 2 Weight-Bearing Functional Tasks. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2012, 35, 390-395.	0.4	8
88	Assessing the construct validity of clinical tests to identify sacroiliac joint inflammation in patients with nonâ€radiographic axial spondyloarthritis. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 1521-1528.	0.9	8
89	Advancing Interprofessional Primary Health Care Services in Rural Settings for People with Chronic Low Back Disorders: Protocol of a Community-Based Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2016, 5, e212.	0.5	8
90	An examination of shoulder kinematics and kinetics when using a commercial trunk harness while sheep shearing. <i>Applied Ergonomics</i> , 2008, 39, 29-35.	1.7	7

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91	Do orthotics work as an injury prevention strategy for the military?. <i>Physical Therapy Reviews</i> , 2012, 17, 241-251.	0.3	7
92	Are agricultural quad bike loss-of-control events driven by unrealistic optimism?. <i>Safety Science</i> , 2014, 66, 54-60.	2.6	7
93	Developing the Bridges self-management programme for New Zealand stroke survivors: A case study. <i>International Journal of Therapy and Rehabilitation</i> , 2014, 21, 381-388.	0.1	7
94	Effects of agricultural quad bike driving on postural control during static, dynamic and functional tasks – A field study. <i>International Journal of Industrial Ergonomics</i> , 2015, 50, 158-169.	1.5	7
95	Effectiveness of a lumbopelvic monitor and feedback device to change postural behaviour: a protocol for the ELF cluster randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e015568.	0.8	7
96	Effectiveness of a lumbopelvic monitor and feedback device to change postural behaviour: the ELF cluster randomised controlled trial. <i>Occupational and Environmental Medicine</i> , 2020, 77, 462-469.	1.3	7
97	Examining assessment methods of scapular motion: Comparing results from planar elevations and functional task performance. <i>Clinical Biomechanics</i> , 2020, 80, 105203.	0.5	6
98	The reliability and accuracy of an electromagnetic motion analysis system when used conjointly with an accelerometer. <i>Ergonomics</i> , 2011, 54, 672-677.	1.1	5
99	Patterns of mediolateral asymmetry in worn footwear. <i>Footwear Science</i> , 2014, 6, 177-192.	0.8	5
100	Control of posture during tasks representing common work-related postures – a reliability study. <i>Ergonomics</i> , 2015, 58, 980-989.	1.1	5
101	Effects of external pelvic compression on electromyographic activity of the hamstring muscles during unipedal stance in sportsmen with and without hamstring injuries. <i>Manual Therapy</i> , 2015, 20, 412-419.	1.6	5
102	Role of Physical Evaluation in the Early Identification of Axial Spondyloarthritis: A Research Proposal. <i>Clinical Medicine Insights: Arthritis and Musculoskeletal Disorders</i> , 2015, 8, CMAMD.S28347.	0.3	4
103	Predicting Whole Body Vibration Exposure from Occupational Quad Bike Use in Farmers. <i>Safety</i> , 2015, 1, 71-83.	0.9	4
104	Walking away from back pain: one step at a time – a community-based randomised controlled trial. <i>BMC Public Health</i> , 2015, 15, 144.	1.2	4
105	Addressing Physical Activity Behavior in Multiple Sclerosis Management. <i>International Journal of MS Care</i> , 2020, 22, 178-186.	0.4	4
106	THE EFFECT OF A PELVIC COMPRESSION BELT ON FUNCTIONAL HAMSTRING MUSCLE ACTIVITY IN SPORTSMEN WITH AND WITHOUT PREVIOUS HAMSTRING INJURY. <i>International Journal of Sports Physical Therapy</i> , 2015, 10, 291-302.	0.5	4
107	Evidence of rotator cuff disease after breast cancer treatment: scapular kinematics of post-mastectomy and post-reconstruction breast cancer survivors. <i>Annals of Medicine</i> , 2022, 54, 1058-1066.	1.5	4
108	Can postural modification reduce kinetic and kinematic loading during the bowing postures of Islamic prayer?. <i>Ergonomics</i> , 2010, 53, 1446-1454.	1.1	3

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109	The interaction between skill, postures, forces and back pain in wool handling. <i>Applied Ergonomics</i> , 2011, 42, 801-806.	1.7	3
110	Is workplace satisfaction associated with self-reported quad bike loss of control events among farm workers in New Zealand?. <i>Applied Ergonomics</i> , 2014, 45, 496-502.	1.7	3
111	Concurrent validity and reliability of using ground reaction force and center of pressure parameters in the determination of leg movement initiation during single leg lift. <i>Gait and Posture</i> , 2016, 49, 346-352.	0.6	3
112	Does repeated palpation-digitization of pelvic landmarks for measurement of innominate motion introduce a systematic error? – A psychometric investigation. <i>Manual Therapy</i> , 2016, 21, 282-286.	1.6	3
113	Evaluating Swine Injection Technologies as a Workplace Musculoskeletal Injury Intervention: A Study Protocol. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	3
114	An exploration of centre of pressure under the delivery leg during nine-pin bowling. <i>Footwear Science</i> , 2015, 7, S8-S10.	0.8	2
115	Predicting Whole-Body Vibration Exposure in Canadian Prairie Farmers. <i>Annals of Work Exposures and Health</i> , 2017, 61, 554-565.	0.6	2
116	Measurement of objective shoulder function following breast cancer surgery: a scoping review protocol. <i>Physical Therapy Reviews</i> , 2017, 22, 149-152.	0.3	2
117	Trends of ATV use and associated injury on Saskatchewan farms. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 853-862.	0.4	2
118	Informing the training of health care professionals to implement behavior change strategies for physical activity promotion in neurorehabilitation: a systematic review. <i>Translational Behavioral Medicine</i> , 2018, 10, 310-323.	1.2	2
119	Dynamic postural stability is more variable barefoot than in footwear in healthy individuals. <i>Footwear Science</i> , 2018, 10, 129-137.	0.8	2
120	A multivariate model for predicting PPGP considering postural adjustment parameters. <i>Musculoskeletal Science and Practice</i> , 2020, 48, 102153.	0.6	2
121	Psychometric properties of visually based clinical screening tests for risk of overuse injury. <i>Physical Therapy Reviews</i> , 2014, 19, 213-219.	0.3	1
122	Variation in the Geographic Distribution of Physiotherapy Student Clinical Placements in Rural Saskatchewan. <i>Physiotherapy Canada</i> <i>Physiotherapie Canada</i> , 2018, 70, 274-279.	0.3	1
123	Effectiveness of extrinsic feedback for management of non-specific low back pain: a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e021259.	0.8	1
124	Measurement properties of instruments assessing permanent functional impairment of the spine: a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e019276.	0.8	1
125	Measurement of objective shoulder function following breast cancer surgery: a scoping review. <i>Physical Therapy Reviews</i> , 2020, 25, 253-268.	0.3	1
126	Response to letter to the Editor: –Innominate 3D motion modeling: Biomechanically interesting, but clinically irrelevant–. <i>Manual Therapy</i> , 2012, 17, e13.	1.6	0



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127	Innominate segment deformation during passive hip abduction and external rotation. <i>Manual Therapy</i> , 2016, 26, 235-237.	1.6	0
128	Transfer of under-foot load and mechanisms of control in dart sports. <i>Footwear Science</i> , 2017, 9, S49-S50.	0.8	0
129	Influence of a training session on redistribution of underfoot pressure in basketball players. <i>Footwear Science</i> , 2017, 9, S51-S52.	0.8	0
130	Visual estimation of shoulder posture: accuracy and reliability across five planes of motion. <i>Physical Therapy Reviews</i> , 2019, 24, 118-124.	0.3	0
131	Estimating Muscle Forces for Breast Cancer Survivors During Functional Tasks. <i>Journal of Applied Biomechanics</i> , 2020, 36, 408-415.	0.3	0