

# Daniel Niederer

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

1,448  
citations

331259

21  
h-index

414034

32  
g-index

121  
all docs

121  
docs citations

121  
times ranked

1294  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Motor Planning and Biomechanical Stability During Unplanned Jump Landings in Men With Anterior Cruciate Ligament Reconstruction. <i>Journal of Athletic Training</i> , 2022, 57, 547-556.	0.9	7
2	Acute effects of an injury preventive warmup programme on unanticipated jump-landing task performance in adult football players: A crossover trial. <i>European Journal of Sport Science</i> , 2022, 22, 1630-1639.	1.4	0
3	The impact of regular activity and exercise intensity on the acute effects of resistance exercise on cognitive function. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2022, 32, 94-105.	1.3	10
4	Loneliness before and during the COVID-19 pandemic: A systematic review with meta-analysis.. <i>American Psychologist</i> , 2022, 77, 660-677.	3.8	193
5	Blood gas levels, cardiovascular strain and cognitive performance during surgical mask and filtering face piece application. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
6	Acute effects of a single bout of exercise therapy on knee acoustic emissions in patients with osteoarthritis: a double-blinded, randomized controlled crossover trial. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, .	0.8	2
7	Lower Extremity Open Skill Training Effects on Perception of Visual Stimuli, Cognitive Processing, and Performance. <i>Journal of Motor Behavior</i> , 2021, 53, 324-333.	0.5	3
8	Increased visual distraction can impair landing biomechanics. <i>Biology of Sport</i> , 2021, 38, 110-127.	1.7	7
9	Combination of acupuncture and medical training therapy on tension type headache: Results of a randomised controlled pilot study. <i>Cephalalgia</i> , 2021, 41, 879-893.	1.8	15
10	Which Functional Outcomes Can be Measured in Low Back Pain Trials and Therapies? A Prospective 2-Year Factor-, Cluster-, and Reliability-Multicenter Analysis on 42 Variables in 1049 Individuals. <i>Spine</i> , 2021, Publish Ahead of Print, 1495-1508.	1.0	3
11	Unilateral and bilateral training competitive archers differ in some potentially unhealthy neck-shoulder region movement behaviour characteristics. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2021, 13, 44.	0.7	0
12	Psychosocial Moderators and Mediators of Sensorimotor Exercise in Low Back Pain: A Randomized Multicenter Controlled Trial. <i>Frontiers in Psychiatry</i> , 2021, 12, 629474.	1.3	7
13	Effects of Open Skill Visuomotor Choice Reaction Time Training on Unanticipated Jump-Landing Stability and Quality: A Randomized Controlled Trial. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 683909.	1.0	2
14	Habitual Physical Activity and Sleep Duration in Institutionalized Older Adults. <i>Frontiers in Neurology</i> , 2021, 12, 706340.	1.1	5
15	Medical exercise and physiotherapy modes and frequency as predictors for a recurrence of chronic non-specific low back pain. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2021, 34, 665-670.	0.4	3
16	Effects of single bouts of different endurance exercises with different intensities on microRNA biomarkers with and without blood flow restriction: a three-arm, randomized crossover trial. <i>European Journal of Applied Physiology</i> , 2021, 121, 3243-3255.	1.2	5
17	Effect of warm-up and muscle fatiguing exercise on knee joint sounds in motion by vibroarthrography: A randomized crossover trial. <i>PLoS ONE</i> , 2021, 16, e0257652.	1.1	0
18	Acute effects of a neuromuscular warm-up on potential re-injury risk factors associated with unanticipated jump landings after anterior cruciate ligament reconstruction: A crossover trial. <i>Physical Therapy in Sport</i> , 2021, 52, 194-203.	0.8	3

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19	The age-related decline in spatiotemporal gait characteristics is moderated by concerns of falling, history of falls & diseases, and sociodemographic-anthropometric characteristics in 60â€“94â‰‰years old adults. <i>European Review of Aging and Physical Activity</i> , 2021, 18, 19.	1.3	4
20	Multimodal Exercise Effects in Older Adults Depend on Sleep, Movement Biography, and Habitual Physical Activity: A Randomized Controlled Trial. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 722799.	1.7	3
21	The Impact of Ubiquitous Face Masks and Filtering Face Piece Application During Rest, Work and Exercise on Gas Exchange, Pulmonary Function and Physical Performance: A Systematic Review with Meta-analysis. <i>Sports Medicine - Open</i> , 2021, 7, 92.	1.3	21
22	Quadriceps Torque, Peak Variability and Strength Endurance in Patients after Anterior Cruciate Ligament Reconstruction: Impact of Local Muscle Fatigue. <i>Journal of Motor Behavior</i> , 2020, 52, 22-32.	0.5	4
23	Are biomechanical stability deficits during unplanned single-leg landings related to specific markers of cognitive function?. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 82-88.	0.6	23
24	Return to Sport Testsâ€™ Prognostic Value for Reinjury Risk after Anterior Cruciate Ligament Reconstruction: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1263-1271.	0.2	36
25	Unanticipated jump-landing quality in patients with anterior cruciate ligament reconstruction: How long after the surgery and return to sport does the re-injury risk factor persist?. <i>Clinical Biomechanics</i> , 2020, 72, 195-201.	0.5	16
26	Dose-response-relationship of stabilisation exercises in patients with chronic non-specific low back pain: a systematic review with meta-regression. <i>Scientific Reports</i> , 2020, 10, 16921.	1.6	41
27	Reprint of "The detection of knee joint sounds at defined loads by means of vibroarthrography". <i>Clinical Biomechanics</i> , 2020, 79, 105175.	0.5	0
28	Injury and training history are associated with glenohumeral internal rotation deficit in youth tennis athletes. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 553.	0.8	14
29	Motor Control Stabilisation Exercise for Patients with Non-Specific Low Back Pain: A Prospective Meta-Analysis with Multilevel Meta-Regressions on Intervention Effects. <i>Journal of Clinical Medicine</i> , 2020, 9, 3058.	1.0	20
30	Injury Profile of Hip-Hop Dancers. <i>Journal of Dance Medicine and Science</i> , 2020, 24, 66-72.	0.2	13
31	How and how fast does pain lead to disability? A multilevel mediation analysis on structural, temporal and biopsychosocial pathways in patients with chronic nonspecific low back pain. <i>Musculoskeletal Science and Practice</i> , 2020, 49, 102199.	0.6	7
32	How Is the Self-Perceived Work Ability Affected by the Duration of Unemployment, Heart Rate Variability and the Amount of Physical Activity in Older Long-Term Unemployed Persons?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2039.	1.2	1
33	Validity of and recommendations for knee joint acoustic assessments during different movement conditions. <i>Journal of Biomechanics</i> , 2020, 109, 109939.	0.9	4
34	Exercise-Induced Vascular Adaptations under Artificially Versus Pathologically Reduced Blood Flow: A Focus Review with Special Emphasis on Arteriogenesis. <i>Cells</i> , 2020, 9, 333.	1.8	9
35	The detection of knee joint sounds at defined loads by means of vibroarthrography. <i>Clinical Biomechanics</i> , 2020, 74, 1-7.	0.5	9
36	Sustainability effects of motor control stabilisation exercises on pain and function in chronic nonspecific low back pain patients: A systematic review with meta-analysis and meta-regression. <i>PLoS ONE</i> , 2020, 15, e0227423.	1.1	43

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37	Reliability of Vibroarthrography to Assess Knee Joint Sounds in Motion. <i>Sensors</i> , 2020, 20, 1998.	2.1	11
38	Evidence for the effects of prehabilitation before ACL-reconstruction on return to sport-related and self-reported knee function: A systematic review. <i>PLoS ONE</i> , 2020, 15, e0240192.	1.1	50
39	Acute effects of preventive warm-up exercises on modifiable risk factors for anterior cruciate ligament injuries: a three-arm randomized-controlled crossover trial. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 92-101.	0.4	6
40	Operationalisation Of Older Adults' Lifetime Physical Activity Data. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 526-526.	0.2	0
41	Does ACL-reconstruction Lead To Higher Use Of Neural Resources To Prepare & Initiate Challenging Jump-landings?. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 618-618.	0.2	0
42	Physical Activity And Sleep Quality In Community-dwelling Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 666-667.	0.2	0
43	Relating Lifetime Activity Behavior to the Current Level of Physical Activity of Older Adults. <i>Journal of Aging and Physical Activity</i> , 2020, 29, 1-7.	0.5	1
44	Game-specific abilities in elite youth football players: validity and sensitivity to change of subjective coach ratings compared to objectively-assessed data. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 229-235.	0.4	0
45	Lumbo-pelvic Ratio And Conjunct Movements Differ Between Pain Intensity Groups In Low Back Pain Patients. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 194-194.	0.2	0
46	Training Dose And Effect- Response Relationship Of Motor Control Stabilization Exercises On Pain And Disability In Chronic Non-specific Low Back Pain Patients: A Systematic Review With Meta-regression. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 791-791.	0.2	0
47	Injuries and functional performance status in young elite football players: a prospective 2-year monitoring. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1363-1370.	0.4	5
48	Title is missing!. , 2020, 15, e0227423.		0
49	Title is missing!. , 2020, 15, e0227423.		0
50	Title is missing!. , 2020, 15, e0227423.		0
51	Title is missing!. , 2020, 15, e0227423.		0
52	Influence of Foam Rolling Velocity on Knee Range of Motion and Tissue Stiffness: A Randomized, Controlled Crossover Trial. <i>Journal of Sport Rehabilitation</i> , 2019, 28, 711-715.	0.4	36
53	How does a 4-week motor' cognitive training affect choice reaction, dynamic balance and cognitive performance ability? A randomized controlled trial in well-trained, young, healthy participants. <i>SAGE Open Medicine</i> , 2019, 7, 205031211987002.	0.7	6
54	Effectiveness of a home-based re-injury prevention program on motor control, return to sport and recurrence rates after anterior cruciate ligament reconstruction: study protocol for a multicenter, single-blind, randomized controlled trial (PReP). <i>Trials</i> , 2019, 20, 495.	0.7	14

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55	Development of an Exercise Training Protocol to Investigate Arteriogenesis in a Murine Model of Peripheral Artery Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3956.	1.8	9
56	Effects on the Profile of Circulating miRNAs after Single Bouts of Resistance Training with and without Blood Flow Restriction—A Three-Arm, Randomized Crossover Trial. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3249.	1.8	19
57	Functional movement analysis in patients with chronic nonspecific low back pain: a reliability and validity study. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 395.	0.8	4
58	Unanticipated jump-landing after anterior cruciate ligament reconstruction: Does unanticipated jump-landing testing deliver additional return to sport information to traditional jump performance tests?. <i>Clinical Biomechanics</i> , 2019, 70, 72-79.	0.5	8
59	Acute effects of foam rolling on passive stiffness, stretch sensation and fascial sliding: A randomized controlled trial. <i>Human Movement Science</i> , 2019, 67, 102514.	0.6	36
60	Explaining Upper or Lower Extremity Crossover Effects of Visuomotor Choice Reaction Time Training. <i>Perceptual and Motor Skills</i> , 2019, 126, 675-693.	0.6	9
61	Cognition Matters: Brain Function May Explain Deficiencies In Unanticipated Single-leg Landing Quality. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 267-268.	0.2	0
62	The Detection of Knee Joint Sounds under Different Loading Conditions using Vibroarthrography. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 873-873.	0.2	0
63	Gathering Hints for Myofascial Force Transmission Under In Vivo Conditions: Are Remote Exercise Effects Age Dependent?. <i>Journal of Sport Rehabilitation</i> , 2019, 28, 758-763.	0.4	10
64	Intensity and workload related dose-response effects of acute resistance exercise on domain-specific cognitive function and affective response — A four-armed randomized controlled crossover trial. <i>Psychology of Sport and Exercise</i> , 2019, 43, 55-63.	1.1	10
65	Visual and instrumental diagnostics using chromokinegraphics: Reliability and validity for low back pain stratification. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2019, 32, 345-353.	0.4	0
66	Effects of high-intensity functional circuit training on motor function and sport motivation in healthy, inactive adults. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 144-153.	1.3	33
67	Exercise improves functional capacity and lean body mass in patients with gastrointestinal cancer during chemotherapy: a single-blind RCT. <i>Supportive Care in Cancer</i> , 2019, 27, 2159-2169.	1.0	31
68	Is Visual-Cognitive Loading During Jumping A Potential Risk Factor For Sports Injuries?. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 611-612.	0.2	0
69	Integrating the Evidence and Clinical Expertise in the Shared Decision and Graduated Return to Sport Process: A Time Series Case Study after Anterior Cruciate Ligament Rupture and Reconstruction. <i>Journal of Orthopaedic Case Reports</i> , 2019, 10, 35-44.	0.1	0
70	Head coaches' attitudes towards injury prevention and use of related methods in professional basketball: A survey. <i>Physical Therapy in Sport</i> , 2018, 32, 133-139.	0.8	12
71	Specific smartphone usage and cognitive performance affect gait characteristics during free-living and treadmill walking. <i>Gait and Posture</i> , 2018, 62, 415-421.	0.6	24
72	Return to Play After Injuries: A Survey on the Helpfulness of Various Forms of Assistance in the Shared Decision-Making Process in Semiprofessional Athletes in Germany. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 690-698.	0.5	14

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73	Reliability of measuring half-cycle cervical range of motion may be increased using a spirit level for calibration. <i>Musculoskeletal Science and Practice</i> , 2018, 33, 99-104.	0.6	2
74	Knee misalignment and exercise amount: Predictive value for chronic low back pain in young competitive athletes. <i>Human Movement Science</i> , 2018, 57, 178-183.	0.6	1
75	Acute effects of foam rolling on passive stiffness, stretch sensation, and fascial sliding: a randomized controlled trial. <i>Journal of Bodywork and Movement Therapies</i> , 2018, 22, 851.	0.5	2
76	Neurophysiological correlates of motor planning and movement initiation in ACL-reconstructed individuals: a caseâ€“control study. <i>BMJ Open</i> , 2018, 8, e023048.	0.8	10
77	Return to play, performance, and career duration after anterior cruciate ligament rupture: A caseâ€“control study in the five biggest football nations in Europe. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 2226-2233.	1.3	76
78	Is the message getting through? Awareness and use of the 11+ injury prevention programme in amateur level football clubs. <i>PLoS ONE</i> , 2018, 13, e0195998.	1.1	25
79	The Acute Physical and Cognitive Effects of a Classical Workplace Physical Activity Program Versus a Motorâ€“Cognitive Coordination Workplace Program. <i>Journal of Occupational and Environmental Medicine</i> , 2018, 60, 936-942.	0.9	4
80	Return-to-play after concussion: state of knowledge, frequency of use and application barriers of guidelines among decision-makers in rugby. <i>Brain Injury</i> , 2018, 32, 1096-1102.	0.6	4
81	Physical activity, training and exercise in the prevention of low back pain: a focus review with special emphasis on motor control. <i>Deutsche Zeitschrift Fur Sportmedizin</i> , 2018, 2018, 262-266.	0.2	5
82	The epidemiological profile of calisthenics athletes. <i>Deutsche Zeitschrift Fur Sportmedizin</i> , 2018, 2018, 299-304.	0.2	0
83	Acute effects of foam rolling on passive tissue stiffness and fascial sliding: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 114.	0.7	23
84	Effects of dual-task conditions on cervical spine movement variability. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 1075-1080.	0.4	4
85	Is remote stretching based on myofascial chains as effective as local exercise? A randomised-controlled trial. <i>Journal of Sports Sciences</i> , 2017, 35, 2021-2027.	1.0	29
86	On the relevance of surrogate parameter deduction in biomedical research: mediated regression analysis for variance explanation of cervical range of motion. <i>European Spine Journal</i> , 2017, 26, 162-166.	1.0	4
87	Intensity related changes of running economy in recreational level distance runners. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 1111-1118.	0.4	2
88	Bewegung und unspezifische R�ckenschmerzen. , 2017, , 275-288.		0
89	Head Coachesâ€™ Return To Play Decision Making After Injuries In Semi-professional Team Sport Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 425.	0.2	0
90	Effects Of High-intensity Functional Circuit Training On Motor Function And Exercise Motivation. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 997.	0.2	0

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91	No Effect of Acupuncture in the Relief of Delayed-Onset Muscle Soreness. <i>Clinical Journal of Sport Medicine</i> , 2016, 26, 471-477.	0.9	27
92	Medicine in spine exercise (MiSpEx) for nonspecific low back pain patients: study protocol for a multicentre, single-blind randomized controlled trial. <i>Trials</i> , 2016, 17, 507.	0.7	25
93	Remote effects of lower limb stretching: preliminary evidence for myofascial connectivity?. <i>Journal of Sports Sciences</i> , 2016, 34, 2145-2148.	1.0	39
94	Is Remote Stretching Based On Myofascial Chains Equally Effective As Local Exercise? A Randomized Controlled Non-inferiority Study.. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 498.	0.2	1
95	Impact of lower limb exercises on musculo-mechanical properties of the lumbar erector spinae. <i>Journal of Bodywork and Movement Therapies</i> , 2016, 20, 154-155.	0.5	1
96	Local Muscle Fatigue and 3D Kinematics of the Cervical Spine in Healthy Subjects. <i>Journal of Motor Behavior</i> , 2016, 48, 155-163.	0.5	6
97	Range of motion and cervical myofascial pain. <i>Journal of Bodywork and Movement Therapies</i> , 2016, 20, 52-55.	0.5	6
98	Effects of Dual-Task Conditions on Cervical Spine Movement Variability. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 255.	0.2	1
99	Appraising the methodological quality of cadaveric studies: validation of the <sc>QUACS</sc> scale. <i>Journal of Anatomy</i> , 2015, 226, 440-446.	0.9	104
100	Heart rate recovery and aerobic endurance capacity in cancer survivors: interdependence and exercise-induced improvements. <i>Supportive Care in Cancer</i> , 2015, 23, 3513-3520.	1.0	8
101	Age-related cutoffs for cervical movement behaviour to distinguish chronic idiopathic neck pain patients from unimpaired subjects. <i>European Spine Journal</i> , 2015, 24, 493-502.	1.0	20
102	Remote effects of lower limb stretching: Evidence for myofascial connectivity?. <i>Journal of Bodywork and Movement Therapies</i> , 2015, 19, 676.	0.5	0
103	Functional capacity and fear of falling in cancer patients undergoing chemotherapy. <i>Gait and Posture</i> , 2014, 39, 865-869.	0.6	37
104	Short-term effects of acupuncture and stretching on myofascial trigger point pain of the neck: A blinded, placebo-controlled RCT. <i>Complementary Therapies in Medicine</i> , 2014, 22, 835-841.	1.3	35
105	Changes in exercise capacity, quality of life and fatigue in cancer patients during an intervention. <i>European Journal of Cancer Care</i> , 2014, 23, 624-629.	0.7	13
106	Exercise Effects on HRV in Cancer Patients. <i>International Journal of Sports Medicine</i> , 2012, 34, 68-73.	0.8	36