

# Sofia Straudi

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,057  
citations

394421

19  
h-index

477307

29  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structured pain-free exercise progressively improves ankle-brachial index and walking ability in patients with claudication and compressible arteries: an observational study. <i>Internal and Emergency Medicine</i> , 2022, 17, 439-449.	2.0	8
2	Is robot-assisted gait training intensity a determinant of functional recovery early after stroke? A pragmatic observational study of clinical care. <i>International Journal of Rehabilitation Research</i> , 2022, 45, 189-194.	1.3	5
3	Cortical Oxygenation during a Motor Task to Evaluate Recovery in Subacute Stroke Patients: A Study with Near-Infrared Spectroscopy. <i>Neurology International</i> , 2022, 14, 322-335.	2.8	2
4	Combining a supervised and home-based task-oriented circuit training improves walking endurance in patients with multiple sclerosis. The MS_TOCT randomized-controlled trial. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 60, 103721.	2.0	5
5	Robot-Assisted Upper Limb Training for Patients with Multiple Sclerosis: An Evidence-Based Review of Clinical Applications and Effectiveness. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 222.	2.5	4
6	Combined effects of cerebellar tDCS and task-oriented circuit training in people with multiple sclerosis: A pilot randomized control trial. <i>Restorative Neurology and Neuroscience</i> , 2022, , 1-11.	0.7	4
7	Construct Validity and Responsiveness of the COVID-19 Yorkshire Rehabilitation Scale (C19-YRS) in a Cohort of Italian Hospitalized COVID-19 Patients. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6696.	2.6	11
8	Baseline and overtime variations of soluble adhesion molecule plasma concentrations are associated with mobility recovery after rehabilitation in multiple sclerosis patients. <i>Journal of Neuroimmunology</i> , 2021, 352, 577473.	2.3	3
9	Effectiveness of Home-Based Pain-Free Exercise versus Walking Advice in Patients with Peripheral Artery Disease: A Randomized Controlled Trial. <i>Methods and Protocols</i> , 2021, 4, 29.	2.0	6
10	Systematic review of guidelines to identify recommendations for upper limb robotic rehabilitation after stroke. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2021, 57, 238-245.	2.2	32
11	Motor Cortical Activation Assessment in Progressive Multiple Sclerosis Patients Enrolled in Gait Rehabilitation: A Secondary Analysis of the RACTIME Trial Assisted by Functional Near-Infrared Spectroscopy. <i>Diagnostics</i> , 2021, 11, 1068.	2.6	3
12	Telerehabilitation in Italy During the COVID-19 Lockdown: A Feasibility and Acceptability Study. <i>International Journal of Telerehabilitation</i> , 2021, 13, e6334.	1.8	20
13	The cognitive level does not interfere with recovery after robot-assisted gait training in traumatic brain injury: A 10-year cohort study. <i>Technology and Disability</i> , 2021, , 1-7.	0.6	0
14	Donat stop walking: the in-home rehabilitation program for peripheral artery disease patients during the COVID-19 pandemic. <i>Internal and Emergency Medicine</i> , 2021, 16, 1307-1315.	2.0	11
15	Video game therapy on mobility and dual tasking in multiple sclerosis: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e052005.	1.9	0
16	Beneficial Effects of Robot-Assisted Gait Training on Functional Recovery in Women after Stroke: A Cohort Study. <i>Medicina (Lithuania)</i> , 2021, 57, 1200.	2.0	6
17	Robot-assisted arm therapy in neurological health conditions: rationale and methodology for the evidence synthesis in the CICERONE Italian Consensus Conference. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2021, 57, 824-830.	2.2	9
18	Robot-Assisted Training for Upper Limb in Stroke (ROBOTAS): An Observational, Multicenter Study to Identify Determinants of Efficacy. <i>Journal of Clinical Medicine</i> , 2021, 10, 5245.	2.4	9

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19	Upper Limb Robotic Rehabilitation for Patients with Cervical Spinal Cord Injury: A Comprehensive Review. <i>Brain Sciences</i> , 2021, 11, 1630.	2.3	16
20	Robot-assisted gait training is not superior to intensive overground walking in multiple sclerosis with severe disability (the RAGTIME study): A randomized controlled trial. <i>Multiple Sclerosis Journal</i> , 2020, 26, 716-724.	3.0	43
21	Plasma levels of protein C pathway proteins and brain magnetic resonance imaging volumes in multiple sclerosis. <i>European Journal of Neurology</i> , 2020, 27, 235-243.	3.3	9
22	Effects of a Robot-Assisted Arm Training Plus Hand Functional Electrical Stimulation on Recovery After Stroke: A Randomized Clinical Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 309-316.	0.9	29
23	Rehabilitation Improves Mitochondrial Energetics in Progressive Multiple Sclerosis: The Significant Role of Robot-Assisted Gait Training and of the Personalized Intensity. <i>Diagnostics</i> , 2020, 10, 834.	2.6	12
24	Functional recovery in multiple sclerosis patients undergoing rehabilitation programs is associated with plasma levels of hemostasis inhibitors. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 44, 102319.	2.0	7
25	The dose of robot-assisted gait therapy may influence functional recovery in a multidisciplinary rehabilitation program: an exploratory retrospective study. <i>International Journal of Rehabilitation Research</i> , 2020, 43, 175-182.	1.3	9
26	Applying the WHO ICF Framework to the Outcome Measures Used in the Evaluation of Long-Term Clinical Outcomes in Coronavirus Outbreaks. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6476.	2.6	43
27	A Personalized Patient-Centered Intervention to Empower through Physical Activity the Patient in the Dialysis Center: Study Protocol for a Pragmatic Nonrandomized Clinical Trial. <i>Methods and Protocols</i> , 2020, 3, 83.	2.0	5
28	Hyperalgesia and Central Sensitization in Subjects With Chronic Orofacial Pain: Analysis of Pain Thresholds and EEG Biomarkers. <i>Frontiers in Neuroscience</i> , 2020, 14, 552650.	2.8	11
29	Biomarkers of Muscle Metabolism in Peripheral Artery Disease: A Dynamic NIRS-Assisted Study to Detect Adaptations Following Revascularization and Exercise Training. <i>Diagnostics</i> , 2020, 10, 312.	2.6	16
30	Response to Letter to the Editor. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 925-926.	0.9	0
31	Effectiveness of blood flow-restricted slow walking on mobility in severe multiple sclerosis: A pilot randomized trial. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1999-2009.	2.9	28
32	First impact of COVID-19 on services and their preparation. "Instant paper from the field" on rehabilitation answers to the COVID-19 emergency. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2020, 56, 319-322.	2.2	32
33	C6orf10 Low-Frequency and Rare Variants in Italian Multiple Sclerosis Patients. <i>Frontiers in Genetics</i> , 2019, 10, 573.	2.3	13
34	Beyond therapists: Technology-aided physical MS rehabilitation delivery. <i>Multiple Sclerosis Journal</i> , 2019, 25, 1387-1393.	3.0	25
35	Restless Leg Syndrome in Peripheral Artery Disease: Prevalence among Patients with Claudication and Benefits from Low-Intensity Exercise. <i>Journal of Clinical Medicine</i> , 2019, 8, 1403.	2.4	2
36	Cortical activation following chronic transcranial direct current stimulation in patients with minimally conscious state: a NIRS-based assessment associated to behavioral and plastic response. <i>Veins and Lymphatics</i> , 2019, 8, .	0.1	0

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37	Soluble neural cell adhesion molecule and behavioural recovery in minimally conscious patients undergoing transcranial direct current stimulation. <i>Clinica Chimica Acta</i> , 2019, 495, 374-376.	1.1	9
38	Bilateral M1 anodal transcranial direct current stimulation in post traumatic chronic minimally conscious state: a pilot EEG-tDCS study. <i>Brain Injury</i> , 2019, 33, 490-495.	1.2	24
39	Gender Differences in Outcomes Following a Pain-Free, Home-Based Exercise Program for Claudication. <i>Journal of Women's Health</i> , 2019, 28, 1313-1321.	3.3	21
40	The effects of transcranial direct current stimulation (tDCS) combined with group exercise treatment in subjects with chronic low back pain: a pilot randomized control trial. <i>Clinical Rehabilitation</i> , 2018, 32, 1348-1356.	2.2	38
41	Coagulation Factor XII Levels and Intrinsic Thrombin Generation in Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2018, 9, 245.	2.4	23
42	Changes in expression profiles of internal jugular vein wall and plasma protein levels in multiple sclerosis. <i>Molecular Medicine</i> , 2018, 24, 42.	4.4	16
43	Home-based exercise for elderly patients with intermittent claudication limited by osteoarticular disorders – feasibility and effectiveness of a low-intensity programme. <i>Vasa - European Journal of Vascular Medicine</i> , 2018, 47, 227-234.	1.4	8
44	Neuroplasticity-Based Technologies and Interventions for Restoring Motor Functions in Multiple Sclerosis. <i>Advances in Experimental Medicine and Biology</i> , 2017, 958, 171-185.	1.6	17
45	The effectiveness of Robot-Assisted Gait Training versus conventional therapy on mobility in severely disabled progressive Multiple sclerosis patients (RAGTIME): study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 88.	1.6	18
46	The effects of video game therapy on balance and attention in chronic ambulatory traumatic brain injury: an exploratory study. <i>BMC Neurology</i> , 2017, 17, 86.	1.8	32
47	Evaluation of Clinical Gait Analysis parameters in patients affected by Multiple Sclerosis: Analysis of kinematics. <i>Clinical Biomechanics</i> , 2017, 45, 1-8.	1.2	30
48	Use of Nintendo Wii Balance Board for posturographic analysis of Multiple Sclerosis patients with minimal balance impairment. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 19.	4.6	28
49	Using Biophysical Models to Understand the Effect of tDCS on Neurorehabilitation: Searching for Optimal Covariates to Enhance Poststroke Recovery. <i>Frontiers in Neurology</i> , 2017, 8, 58.	2.4	7
50	Effects of low-intensity endurance and resistance training on mobility in chronic stroke survivors: a pilot randomized controlled study. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 228-239.	2.2	49
51	The role of psychological well-being in multiple sclerosis rehabilitation. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2017, 53, 105-113.	2.2	6
52	tDCS and Robotics on Upper Limb Stroke Rehabilitation: Effect Modification by Stroke Duration and Type of Stroke. <i>BioMed Research International</i> , 2016, 2016, 1-8.	1.9	83
53	The effects of robot-assisted gait training in progressive multiple sclerosis: A randomized controlled trial. <i>Multiple Sclerosis Journal</i> , 2016, 22, 373-384.	3.0	70
54	Monitoring Step Activity During Task-Oriented Circuit Training in High-Functioning Chronic Stroke Survivors: A Proof-of-Concept Feasibility Study. <i>Annals of Rehabilitation Medicine</i> , 2016, 40, 989.	1.6	5

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55	A task-oriented circuit training in multiple sclerosis: a feasibility study. BMC Neurology, 2014, 14, 124.	1.8	49
56	Does robot-assisted gait training ameliorate gait abnormalities in multiple sclerosis? A pilot randomized-control trial. NeuroRehabilitation, 2013, 33, 555-563.	1.3	52
57	Clinicoradiographic Assessment of Flexible Flatfoot in Children. Journal of the American Podiatric Medical Association, 2010, 100, 463-471.	0.3	18
58	Robotic Gait Training in an Adult With Cerebral Palsy: A Case Report. PM and R, 2010, 2, 71-75.	1.6	14
59	Gait Performance in an Original Biologic Reconstruction of Proximal Femur in a Skeletally Immature Child: A Case Report. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1534-1541.	0.9	2
60	The Italian version of the Erasmus MC modifications to the Nottingham Sensory Assessment for patients following acquired brain injury: Translation and reliability study. Clinical Rehabilitation, 0, , 026921552211119.	2.2	0