

Wim Saeys

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,252
citations

471509

17
h-index

395702

33
g-index

54
all docs

54
docs citations

54
times ranked

1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Do spatiotemporal parameters and gait variability differ across the lifespan of healthy adults? A systematic review. <i>Gait and Posture</i> , 2018, 64, 181-190.	1.4	157
2	Additional Exercises Improve Trunk Performance After Stroke: A Pilot Randomized Controlled Trial. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 281-286.	2.9	123
3	Randomized Controlled Trial of Truncal Exercises Early After Stroke to Improve Balance and Mobility. <i>Neurorehabilitation and Neural Repair</i> , 2012, 26, 231-238.	2.9	110
4	The effectiveness of trunk training on trunk control, sitting and standing balance and mobility post-stroke: a systematic review and meta-analysis. <i>Clinical Rehabilitation</i> , 2019, 33, 992-1002.	2.2	83
5	Trunk biomechanics during hemiplegic gait after stroke: A systematic review. <i>Gait and Posture</i> , 2017, 54, 133-143.	1.4	70
6	Combining the benefits of tele-rehabilitation and virtual reality-based balance training: a systematic review on feasibility and effectiveness. <i>Disability and Rehabilitation: Assistive Technology</i> , 2019, 14, 2-11.	2.2	66
7	Feasibility and effectiveness of repetitive gait training early after stroke: A systematic review and meta-analysis. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 78-88.	1.1	45
8	Transcranial direct current stimulation in the recovery of postural control after stroke: a pilot study. <i>Disability and Rehabilitation</i> , 2015, 37, 1857-1863.	1.8	40
9	Prognostic factors for discharge destination after acute stroke: a comprehensive literature review. <i>Disability and Rehabilitation</i> , 2015, 37, 1214-1227.	1.8	40
10	Vibrotactile feedback as a tool to improve motor learning and sports performance: a systematic review. <i>BMJ Open Sport and Exercise Medicine</i> , 2017, 3, e000216.	2.9	37
11	Effect of home-based virtual reality training and telerehabilitation on balance in individuals with Parkinson disease, multiple sclerosis, and stroke: a systematic review and meta-analysis. <i>Neurological Sciences</i> , 2022, 43, 2995-3006.	1.9	37
12	Influence of sensory loss on the perception of verticality in stroke patients. <i>Disability and Rehabilitation</i> , 2012, 34, 1965-1970.	1.8	34
13	Lower limb muscle synergies during walking after stroke: a systematic review. <i>Disability and Rehabilitation</i> , 2020, 42, 2836-2845.	1.8	31
14	Are unstable support surfaces superior to stable support surfaces during trunk rehabilitation after stroke? A systematic review. <i>Disability and Rehabilitation</i> , 2018, 40, 1981-1988.	1.8	30
15	An investigation of the spatio-temporal parameters of gait and margins of stability throughout adulthood. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200194.	3.4	27
16	Neurobiology of Recovery of Motor Function after Stroke: The Central Nervous System Biomarker Effects of Constraint-Induced Movement Therapy. <i>Neural Plasticity</i> , 2020, 2020, 1-12.	2.2	21
17	An Ultrasonic Six Degrees-of-Freedom Pose Estimation Sensor. <i>IEEE Sensors Journal</i> , 2017, 17, 151-159.	4.7	19
18	Suppression of the E-effect during the subjective visual and postural vertical test in healthy subjects. <i>European Journal of Applied Physiology</i> , 2010, 109, 297-305.	2.5	18

#	ARTICLE	IF	CITATIONS
19	Age-related differences in muscle activity patterns during walking in healthy individuals. <i>Journal of Electromyography and Kinesiology</i> , 2018, 41, 124-131.	1.7	17
20	Is Guillain-Barré Syndrome Associated With COVID-19 Infection? A Systemic Review of the Evidence. <i>Frontiers in Neurology</i> , 2020, 11, 566308.	2.4	16
21	Effects of Lower Limb Constraint Induced Movement Therapy in People With Stroke: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2021, 12, 638904.	2.4	16
22	The association between visuospatial neglect and balance and mobility post-stroke onset: A systematic review. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101449.	2.3	15
23	Effects of Two Different Modes of Task Practice during Lower Limb Constraint-Induced Movement Therapy in People with Stroke: A Randomized Clinical Trial. <i>Neural Plasticity</i> , 2021, 2021, 1-9.	2.2	15
24	Effectiveness of additional trunk exercises on gait performance: study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 249.	1.6	14
25	A Systematic Review on Balance Performance in Patients With Bilateral Vestibulopathy. <i>Physical Therapy</i> , 2020, 100, 1582-1594.	2.4	14
26	The effect of trunk training on muscle thickness and muscle activity: a systematic review. <i>Disability and Rehabilitation</i> , 2019, 41, 1751-1759.	1.8	13
27	Decline in gait propulsion in older adults over age decades. <i>Gait and Posture</i> , 2021, 90, 475-482.	1.4	13
28	Peripheral somatosensory stimulation and postural recovery after stroke – a systematic review. <i>Topics in Stroke Rehabilitation</i> , 2018, 25, 312-320.	1.9	12
29	Sensory information and the perception of verticality in post-stroke patients. Another point of view in sensory reweighting strategies. <i>PLoS ONE</i> , 2018, 13, e0199098.	2.5	12
30	Synchronous Wireless Body Sensor Network Enabling Human Body Pose Estimation. <i>IEEE Access</i> , 2019, 7, 49341-49351.	4.2	10
31	SWEAT2 Study: Effectiveness of Trunk Training on Gait and Trunk Kinematics After Stroke: A Randomized Controlled Trial. <i>Physical Therapy</i> , 2020, 100, 1568-1581.	2.4	10
32	An exploratory investigation on spatiotemporal parameters, margins of stability, and their interaction in bilateral vestibulopathy. <i>Scientific Reports</i> , 2021, 11, 6427.	3.3	10
33	Socio-environmental predictive factors for discharge destination after inpatient rehabilitation in patients with stroke: a systematic review and meta-analysis. <i>Disability and Rehabilitation</i> , 2022, 44, 4974-4985.	1.8	10
34	Three sources, three receivers, six degrees of freedom: An ultrasonic sensor for pose estimation & motion capture. , 2015, , .		7
35	Effect of constraint-induced movement therapy on persons-reported outcomes of health status after stroke: a systematic review and meta-analysis. <i>International Journal of Rehabilitation Research</i> , 2021, 44, 15-23.	1.3	6
36	Vibrotactile Feedback During Physical Exercise: Perception of Vibrotactile Cues in Cycling. <i>International Journal of Sports Medicine</i> , 2019, 40, 390-396.	1.7	5

#	ARTICLE	IF	CITATIONS
37	Constraint-induced movement therapy protocols using the number of repetitions of task practice: a systematic review of feasibility and effects. <i>Neurological Sciences</i> , 2021, 42, 2695-2703.	1.9	5
38	Time Course and Mechanisms Underlying Standing Balance Recovery Early After Stroke: Design of a Prospective Cohort Study With Repeated Measurements. <i>Frontiers in Neurology</i> , 2022, 13, 781416.	2.4	5
39	Six-DoF pose estimation using dual-axis rotating laser sweeps using a probabilistic framework. , 2017, , .		4
40	Is perception of visual verticality intact in patients with idiopathic cervical dystonia?. <i>Acta Neurologica Belgica</i> , 2018, 118, 77-84.	1.1	4
41	Applied physiotherapeutic and occupational therapeutic interventions within palliative care: an exploratory survey. <i>Progress in Palliative Care</i> , 2019, 27, 109-116.	1.2	4
42	Paving the Way Toward Distinguishing Fallers From Non-fallers in Bilateral Vestibulopathy: A Wide Pilot Observation. <i>Frontiers in Neurology</i> , 2021, 12, 611648.	2.4	4
43	Accuracy and Efficiency Validation of a Helmet Mounted Vibrotactile Feedback System for Aerodynamic Head Position During Cycling. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 85-93.	0.6	4
44	The impact of COVID-19 lockdown on the general health status of people with chronic health conditions in Belgium: a cross-sectional survey study. <i>Physiotherapy Theory and Practice</i> , 2022, , 1-16.	1.3	4
45	A flexible embedded hardware platform supporting low-cost human pose estimation. , 2016, , .		3
46	Lateropulsion with active pushing in stroke patients: its link with lesion location and the perception of verticality. A systematic review. <i>Topics in Stroke Rehabilitation</i> , 2023, 30, 281-297.	1.9	3
47	Predictors of high dose of massed practice following stroke. <i>Translational Neuroscience</i> , 2022, 13, 181-190.	1.4	3
48	The effect of a single botulinum toxin treatment on somatosensory processing in idiopathic isolated cervical dystonia: an observational study. <i>Journal of Neurology</i> , 2018, 265, 2672-2683.	3.6	2
49	Vibrotactile feedback for correcting aerodynamic position of a cyclist. <i>Journal of Sports Sciences</i> , 2020, 38, 2193-2199.	2.0	2
50	Associations between trunk and gait performance after stroke. <i>Gait and Posture</i> , 2017, 57, 179-180.	1.4	1
51	Determination of hand grip strength and its correlates during pregnancy: a cross-sectional study. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 540.	2.4	1
52	Independent domains of gait in adults: a comparison of different populations. <i>Gait and Posture</i> , 2017, 57, 219.	1.4	0
53	SWEAT2 study: effectiveness of trunk training on muscle activity after stroke. A randomized controlled trial. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2021, 57, 485-494.	2.2	0
54	The influence of a thoracolumbosacral orthosis on gait performance in healthy adults during walking. <i>Acta of Bioengineering and Biomechanics</i> , 2018, 20, 15-21.	0.4	0