

Corina Schuster-Amft

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,044
citations

393982

19
h-index

253896

43
g-index

71
all docs

71
docs citations

71
times ranked

2644
citing authors

#	ARTICLE	IF	CITATIONS
1	Imagery ability assessments: a cross-disciplinary systematic review and quality evaluation of psychometric properties. <i>BMC Medicine</i> , 2022, 20, 166.	2.3	14
2	Influence of combined action observation and motor imagery of walking on lower limb reflex modulation in patients after stroke – preliminary results. <i>BMC Research Notes</i> , 2022, 15, 166.	0.6	0
3	Intervention Platform for Action Observation and Motor Imagery Training After Stroke: Usability Test. <i>Studies in Health Technology and Informatics</i> , 2022, 292, 71-74.	0.2	2
4	A different point of view: the evaluation of motor imagery perspectives in patients with sensorimotor impairments in a longitudinal study. <i>BMC Neurology</i> , 2021, 21, 297.	0.8	6
5	Effect of Motor Imagery Training on Motor Learning in Children and Adolescents: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9467.	1.2	23
6	Experience of an upper limb training program with a non-immersive virtual reality system in patients after stroke: a qualitative study. <i>Physiotherapy</i> , 2020, 107, 317-326.	0.2	9
7	German version of the Chedoke McMaster arm and hand activity inventory (CAHAI-G): intra-rater reliability and responsiveness. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 247.	1.0	2
8	Effect of brain-computer interface training based on non-invasive electroencephalography using motor imagery on functional recovery after stroke - a systematic review and meta-analysis. <i>BMC Neurology</i> , 2020, 20, 385.	0.8	30
9	Efficacy of inpatient personalized multidisciplinary rehabilitation in multiple sclerosis: behavioural and functional imaging results. <i>Journal of Neurology</i> , 2020, 267, 1744-1753.	1.8	5
10	Wearable motion sensors and digital biomarkers in stroke rehabilitation. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, 229-232.	0.2	11
11	Comparison of proprioceptive acuity of the cervical spine in healthy adults and adults with chronic non-specific low back pain: A cross-sectional study. <i>PLoS ONE</i> , 2019, 14, e0209818.	1.1	3
12	EMG Muscle Activation Pattern of Four Lower Extremity Muscles during Stair Climbing, Motor Imagery, and Robot-Assisted Stepping: A Cross-Sectional Study in Healthy Individuals. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	12
13	Physical Activity Comparison Between Body Sides in Hemiparetic Patients Using Wearable Motion Sensors in Free-Living and Therapy: A Case Series. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 136.	2.0	7
14	Motor imagery ability assessments in four disciplines: protocol for a systematic review. <i>BMJ Open</i> , 2018, 8, e023439.	0.8	6
15	Effect of a four-week virtual reality-based training versus conventional therapy on upper limb motor function after stroke: A multicenter parallel group randomized trial. <i>PLoS ONE</i> , 2018, 13, e0204455.	1.1	47
16	Muscle Activation During Grasping With and Without Motor Imagery in Healthy Volunteers and Patients After Stroke or With Parkinson's Disease. <i>Frontiers in Psychology</i> , 2018, 9, 597.	1.1	12
17	Using an interactive virtual environment to integrate a digital Action Research Arm Test, motor imagery and action observation to assess and improve upper limb motor function in patients with neuromuscular impairments: a usability and feasibility study protocol. <i>BMJ Open</i> , 2018, 8, e019646.	0.8	7
18	Longitudinal Walking Analysis in Hemiparetic Patients Using Wearable Motion Sensors: Is There Convergence Between Body Sides?. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 57.	2.0	9

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19	A metric for upper extremity functional range of motion analysis in long-term stroke recovery using wearable motion sensors and posture cubics. , 2018, , .		1
20	Dynamic multi-segmental postural control in patients with chronic non-specific low back pain compared to pain-free controls: A cross-sectional study. PLoS ONE, 2018, 13, e0194512.	1.1	5
21	Postural sensorimotor training versus sham exercise in physiotherapy of patients with chronic non-specific low back pain: An exploratory randomised controlled trial. PLoS ONE, 2018, 13, e0193358.	1.1	19
22	Therapistsâ€™ Perspective on Virtual Reality Training in Patients after Stroke: A Qualitative Study Reporting Focus Group Results from Three Hospitals. Stroke Research and Treatment, 2016, 2016, 1-12.	0.5	26
23	German version, inter- and intrarater reliability and internal consistency of the â€œAgitated Behavior Scaleâ€•(ABS-G) in patients with moderate to severe traumatic brain injury. Health and Quality of Life Outcomes, 2016, 14, 106.	1.0	5
24	Test-retest reliability and four-week changes in cardiopulmonary fitness in stroke patients: evaluation using a robotics-assisted tilt table. BMC Neurology, 2016, 16, 163.	0.8	8
25	Immediate effects of different upper limb robot-assisted training modes in patients after stroke: A case series. Cogent Medicine, 2016, 3, 1240282.	0.7	2
26	Estimating physical ability of stroke patients without specific tests. , 2015, , .		6
27	Effects of postural specific sensorimotor training in patients with chronic low back pain: study protocol for randomised controlled trial. Trials, 2015, 16, 571.	0.7	10
28	Short-time weight-bearing capacity assessment for non-ambulatory patients with subacute stroke: reliability and discriminative power. BMC Research Notes, 2015, 8, 723.	0.6	4
29	Efficacy of Feedback-Controlled Robotics-Assisted Treadmill Exercise to Improve Cardiovascular Fitness Early After Stroke. Journal of Neurologic Physical Therapy, 2015, 39, 156-165.	0.7	22
30	Daily Life Activity Routine Discovery in Hemiparetic Rehabilitation Patients Using Topic Models. Methods of Information in Medicine, 2015, 54, 248-255.	0.7	16
31	Effects of acupuncture and computer-assisted cognitive training for post-stroke attention deficits: study protocol for a randomized controlled trial. Trials, 2015, 16, 546.	0.7	11
32	Intensive virtual reality-based training for upper limb motor function in chronic stroke: a feasibility study using a single case experimental design and fMRI. Disability and Rehabilitation: Assistive Technology, 2015, 10, 385-392.	1.3	30
33	Immediate effects of arm robot-assisted therapy in patients after stroke. Physiotherapy, 2015, 101, e1354-e1355.	0.2	0
34	Muscle activity during a grasping task with and without motor imagery. Physiotherapy, 2015, 101, e1355.	0.2	0
35	Effects of proprioceptive exercises on pain and function in chronic neck- and low back pain rehabilitation: a systematic literature review. Physiotherapy, 2015, 101, e969-e970.	0.2	2
36	Feasibility of cardiopulmonary exercise testing and training using a robotics-assisted tilt table in dependent-ambulatory stroke patients. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 88.	2.4	9

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37	Activity Patterns in Stroke Patients - Is There a Trend in Behaviour During Rehabilitation?. Lecture Notes in Computer Science, 2015, , 146-159.	1.0	1
38	Feedback-controlled robotics-assisted treadmill exercise to assess and influence aerobic capacity early after stroke: a proof-of-concept study. Disability and Rehabilitation: Assistive Technology, 2014, 9, 271-278.	1.3	14
39	Effects of proprioceptive exercises on pain and function in chronic neck- and low back pain rehabilitation: a systematic literature review. BMC Musculoskeletal Disorders, 2014, 15, 382.	0.8	60
40	Cardiopulmonary exercise testing early after stroke using feedback-controlled robotics-assisted treadmill exercise: test-retest reliability and repeatability. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 145.	2.4	9
41	Using mixed methods to evaluate efficacy and user expectations of a virtual reality-based training system for upper-limb recovery in patients after stroke: a study protocol for a randomised controlled trial. Trials, 2014, 15, 350.	0.7	19
42	Three-dimensional, task-specific robot therapy of the arm after stroke: a multicentre, parallel-group randomised trial. Lancet Neurology, The, 2014, 13, 159-166.	4.9	473
43	Activity Routine Discovery in Stroke Rehabilitation Patients without Data Annotation. , 2014, , .		5
44	German translation, cross-cultural adaptation and validation of the whiplash disability questionnaire. Health and Quality of Life Outcomes, 2013, 11, 45.	1.0	6
45	German version of the whiplash disability questionnaire: reproducibility and responsiveness. Health and Quality of Life Outcomes, 2013, 11, 36.	1.0	5
46	Cardiovascular rehabilitation soon after stroke using feedback-controlled robotics-assisted treadmill exercise: study protocol of a randomised controlled pilot trial. Trials, 2013, 14, 304.	0.7	5
47	MoVo-LISA - Implementing a short movement coaching programme to establish a physical active life style: A feasibility study. Journal of the Neurological Sciences, 2013, 333, e556.	0.3	0
48	Task specific, robot-assisted training in patients with impaired upper limb motor functions: A clinical investigation. Journal of the Neurological Sciences, 2013, 333, e554.	0.3	0
49	A standardized motor imagery introduction program (MIIP) for neuro-rehabilitation: development and evaluation. Frontiers in Human Neuroscience, 2013, 7, 477.	1.0	25
50	Evaluation of exercise capacity after severe stroke using robotics-assisted treadmill exercise: A proof-of-concept study. Technology and Health Care, 2013, 21, 157-166.	0.5	12
51	Motor Imagery Experiences and Use: Asking Patients after Stroke Where, When, What, Why, and How They Use Imagery: A Qualitative Investigation. Stroke Research and Treatment, 2012, 2012, 1-18.	0.5	12
52	Evaluation of robot-assisted gait training using integrated biofeedback in neurologic disorders. Gait and Posture, 2012, 35, 595-600.	0.6	21
53	Two assessments to evaluate imagery ability: translation, test-retest reliability and concurrent validity of the German KVIQ and Imaprax. BMC Medical Research Methodology, 2012, 12, 127.	1.4	23
54	Comparison of embedded and added motor imagery training in patients after stroke: results of a randomised controlled pilot trial. Trials, 2012, 13, 11.	0.7	40

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55	Dexamphetamine Improves Upper Extremity Outcome During Rehabilitation After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 749-755.	1.4	35
56	Trunk sway in patients with and without, mild traumatic brain injury after whiplash injury. <i>Gait and Posture</i> , 2011, 34, 473-478.	0.6	30
57	Best practice for motor imagery: a systematic literature review on motor imagery training elements in five different disciplines. <i>BMC Medicine</i> , 2011, 9, 75.	2.3	300
58	Objectively-assessed outcome measures: a translation and cross-cultural adaptation procedure applied to the Chedoke McMaster Arm and Hand Activity Inventory (CAHAI). <i>BMC Medical Research Methodology</i> , 2010, 10, 106.	1.4	34
59	Comparison of embedded and added motor imagery training in patients after stroke: study protocol of a randomised controlled pilot trial using a mixed methods approach. <i>Trials</i> , 2009, 10, 97.	0.7	10
60	Motor Training of Upper Extremity With Functional Electrical Stimulation in Early Stroke Rehabilitation. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 184-190.	1.4	67
61	Efficacy of motor imagery in post-stroke rehabilitation: a systematic review. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2008, 5, 8.	2.4	234
62	A Distinct Pattern of Myofascial Findings in Patients After Whiplash Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1290-1293.	0.5	46
63	New Technologies and Concepts for Rehabilitation in the Acute Phase of Stroke: A Collaborative Matrix. <i>Neurodegenerative Diseases</i> , 2007, 4, 57-69.	0.8	16
64	Interactive visuo-motor therapy system for stroke rehabilitation. <i>Medical and Biological Engineering and Computing</i> , 2007, 45, 901-907.	1.6	100
65	Sensing Muscle Activities with Body-Worn Sensors. , 0, , .		60