

# Stefan Hesse

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,377  
citations

236612

25  
h-index

414034

32  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2720  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive brain stimulation to promote alertness and awareness in chronic patients with disorders of consciousness: Low-level, near-infrared laser stimulation vs. focused shock wave therapy. <i>Restorative Neurology and Neuroscience</i> , 2016, 34, 561-569.	0.4	7
2	Design and concept of a haptic robotic telerehabilitation system for upper limb movement training after stroke. , 2015, , .		13
3	Effect on arm function and cost of robot-assisted group therapy in subacute patients with stroke and a moderately to severely affected arm: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2014, 28, 637-647.	1.0	97
4	A new orthosis for subluxed, flaccid shoulder after stroke facilitates gait symmetry: A preliminary study. <i>Journal of Rehabilitation Medicine</i> , 2013, 45, 623-629.	0.8	18
5	Robot-assisted practice of gait and stair climbing in nonambulatory stroke patients. <i>Journal of Rehabilitation Research and Development</i> , 2012, 49, 613.	1.6	70
6	Adaptive locomotor training on an end-effector gait robot: Evaluation of the ground reaction forces in different training conditions. , 2011, 2011, 5975492.		17
7	External Lid Loading for the Temporary Treatment of Paresis of the M. Orbicularis Oculi: A Case Report. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1333-1335.	0.5	4
8	Botulinum toxin-induced focal paresis in mice is unaffected by muscle activity. <i>Muscle and Nerve</i> , 2011, 44, 930-936.	1.0	7
9	Combined Transcranial Direct Current Stimulation and Robot-Assisted Arm Training in Subacute Stroke Patients. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 838-846.	1.4	227
10	Automatisierte motorische Rehabilitation. , 2010, , 267-272.		0
11	Conductive Education for Children With Cerebral Palsy: Effects on Hand Motor Functions Relevant to Activities of Daily Living. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 251-259.	0.5	29
12	Robot-Assisted Upper and Lower Limb Rehabilitation After Stroke. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , 2008, 105, 330-6.	0.6	41
13	Treadmill training with partial body weight support after stroke: A review. <i>NeuroRehabilitation</i> , 2008, 23, 55-65.	0.5	117
14	Muscle activation patterns of healthy subjects during floor walking and stair climbing on an end-effector-based gait rehabilitation robot. , 2007, , .		10
15	Machines to support motor rehabilitation after stroke: 10 years of experience in Berlin. <i>Journal of Rehabilitation Research and Development</i> , 2006, 43, 671.	1.6	90
16	HapticWalker---a novel haptic foot device. <i>ACM Transactions on Applied Perception</i> , 2005, 2, 166-180.	1.2	168
17	Robots for upper and lower limb motor rehabilitation: An overview. <i>International Journal of Therapy and Rehabilitation</i> , 2004, 11, 354-354.	0.1	0
18	Treadmill training with partial body weight support after stroke. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2003, 14, S111-S123.	0.7	55

#	ARTICLE	IF	CITATIONS
19	Robot-assisted arm trainer for the passive and active practice of bilateral forearm and wrist movements in hemiparetic subjects11An organization with which 1 or more of the authors is associated has received or will receive financial benefits from a commercial party having a direct financial interest in the results of the research supporting this article.. Archives of Physical Medicine and Rehabilitation, 2003, 84, 1767-1773.	0.5	445
20	Treadmill training with partial body-weight support after total hip arthroplasty: a randomized controlled trial11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the author(s) or upon any organization with which the author(s) is/are associated.. Archives of Physical Medicine and Rehabilitation, 2003, 84, 1767-1773.	0.5	96
21	Poststroke Motor Dysfunction and Spasticity. CNS Drugs, 2003, 17, 1093-1107.	2.7	69
22	Upper and lower extremity robotic devices for rehabilitation and for studying motor control. Current Opinion in Neurology, 2003, 16, 705-710.	1.8	279
23	Rehabilitation of Gait After Stroke. Topics in Geriatric Rehabilitation, 2003, 19, 109-126.	0.2	27
24	BalanceReTrainer: A new standing-balance training apparatus and methods applied to a chronic hemiparetic subject with a neglect syndrome. NeuroRehabilitation, 2003, 18, 251-259.	0.5	35
25	Upper and lower extremity robotic devices for rehabilitation and for studying motor control. Current Opinion in Neurology, 2003, 16, 705-10.	1.8	88
26	Partial body weight supported treadmill training for gait recovery following stroke. Advances in Neurology, 2003, 92, 423-8.	0.8	13
27	Botulinum Toxin A Treatment of Adult Upper and Lower Limb Spasticity. Drugs and Aging, 2001, 18, 255-262.	1.3	34
28	Influence of walking speed on lower limb muscle activity and energy consumption during treadmill walking of hemiparetic patients. Archives of Physical Medicine and Rehabilitation, 2001, 82, 1547-1550.	0.5	86
29	Locomotor therapy in neurorehabilitation. NeuroRehabilitation, 2001, 16, 133-139.	0.5	64
30	Body weight-supported treadmill training after stroke. Current Atherosclerosis Reports, 2001, 3, 287-294.	2.0	63
31	Treadmill training with partial body weight support in nonambulatory patients with cerebral palsy. Archives of Physical Medicine and Rehabilitation, 2000, 81, 301-306.	0.5	204
32	Treadmill Training with Partial Body Weight Support in Hemiparetic Patientsâ€”Further Research Needed. Neurorehabilitation and Neural Repair, 1999, 13, 179-181.	1.4	22
33	Treadmill walking with partial body weight support versus floor walking in hemiparetic subjects. Archives of Physical Medicine and Rehabilitation, 1999, 80, 421-427.	0.5	273
34	Changes in perfusion pattern using ECD-SPECT indicate frontal lobe and cerebellar involvement in exercise-induced paroxysmal dystonia. Movement Disorders, 1998, 13, 125-134.	2.2	66
35	Botulinum toxin type A and short-term electrical stimulation in the treatment of upper limb flexor spasticity after stroke: a randomized, double-blind, placebo-controlled trial. Clinical Rehabilitation, 1998, 12, 381-388.	1.0	237
36	Evaluation of Impairment and Disability in Stroke Patients: Current Status in Europe. , 1996, , 45-58.		1

#	ARTICLE	IF	CITATIONS
37	Restoration of gait in nonambulatory hemiparetic patients by treadmill training with partial body-weight support. Archives of Physical Medicine and Rehabilitation, 1994, 75, 1087-1093.	0.5	304