Stefan Hesse

List of Publications by Year
in descending order

37	3,377	236612	414034
papers	citations	25 h-index	32 g-index

38	38	38	2720
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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, 915-920.	0.5	445
2	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
3	Upper and lower extremity robotic devices for rehabilitation and for studying motor control. Current Opinion in Neurology, 2003, 16, 705-710.	1.8	279
4	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
5	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
6	Combined Transcranial Direct Current Stimulation and Robot-Assisted Arm Training in Subacute Stroke Patients. Neurorehabilitation and Neural Repair, 2011, 25, 838-846.	1.4	227
7	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
8	HapticWalker---a novel haptic foot device. ACM Transactions on Applied Perception, 2005, 2, 166-180.	1.2	168
9	Treadmill training with partial body weight support after stroke: A review. NeuroRehabilitation, 2008, 23, 55-65.	0.5	117
10	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. Clinical Rehabilitation, 2014, 28, 637-647.	1.0	97
11	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
12	Machines to support motor rehabilitation after stroke: 10 years of experience in Berlin. Journal of Rehabilitation Research and Development, 2006, 43, 671.	1.6	90
13	Upper and lower extremity robotic devices for rehabilitation and for studying motor control. Current Opinion in Neurology, 2003, 16, 705-10.	1.8	88
14	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
15	Robot-assisted practice of gait and stair climbing in nonambulatory stroke patients. Journal of Rehabilitation Research and Development, 2012, 49, 613.	1.6	70
16	Poststroke Motor Dysfunction and Spasticity. CNS Drugs, 2003, 17, 1093-1107.	2.7	69
17	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
18	Locomotor therapy in neurorehabilitation. NeuroRehabilitation, 2001, 16, 133-139.	0.5	64

#	Article	IF	Citations
19	Body weight-supported treadmill training after stroke. Current Atherosclerosis Reports, 2001, 3, 287-294.	2.0	63
20	Treadmill training with partial body weight support after stroke. Physical Medicine and Rehabilitation Clinics of North America, 2003, 14, S111-S123.	0.7	55
21	Robot-Assisted Upper and Lower Limb Rehabilitation After Stroke. Deutsches Ärzteblatt International, 2008, 105, 330-6.	0.6	41
22	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
23	Botulinum Toxin A Treatment of Adult Upper and Lower Limb Spasticity. Drugs and Aging, 2001, 18, 255-262.	1.3	34
24	Conductive Education for Children With Cerebral Palsy: Effects on Hand Motor Functions Relevant to Activities of Daily Living. Archives of Physical Medicine and Rehabilitation, 2008, 89, 251-259.	0.5	29
25	Rehabilitation of Gait After Stroke. Topics in Geriatric Rehabilitation, 2003, 19, 109-126.	0.2	27
26	Treadmill Training with Partial Body Weight Support in Hemiparetic Patientsâ€"Further Research Needed. Neurorehabilitation and Neural Repair, 1999, 13, 179-181.	1.4	22
27	A new orthosis for subluxed, flaccid shoulder after stroke facilitates gait symmetry: A preliminary study. Journal of Rehabilitation Medicine, 2013, 45, 623-629.	0.8	18
28	Adaptive locomotor training on an end-effector gait robot: Evaluation of the ground reaction forces in different training conditions. , 2011, 2011, 5975492.		17
29	Design and concept of a haptic robotic telerehabilitation system for upper limb movement training after stroke. , 2015, , .		13
30	Partial body weight supported treadmill training for gait recovery following stroke. Advances in Neurology, 2003, 92, 423-8.	0.8	13
31	Muscle activation patterns of healthy subjects during floor walking and stair climbing on an end-effector-based gait rehabilitation robot. , 2007, , .		10
32	Botulinum toxinâ€induced focal paresis in mice is unaffected by muscle activity. Muscle and Nerve, 2011, 44, 930-936.	1.0	7
33	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. Restorative Neurology and Neuroscience, 2016, 34, 561-569.	0.4	7
34	External Lid Loading for the Temporary Treatment of Paresis of the M. Orbicularis Oculi: A Case Report. Archives of Physical Medicine and Rehabilitation, 2011, 92, 1333-1335.	0.5	4
35	Evaluation of Impairment and Disability in Stroke Patients: Current Status in Europe. , 1996, , 45-58.		1
36	Robots for upper and lower limb motor rehabilitation: An overview. International Journal of Therapy and Rehabilitation, 2004, 11, 354-354.	0.1	0

#	Article	IF	Citations
37	Automatisierte motorische Rehabilitation. , 2010, , 267-272.		0