

Joel Stein

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,864
citations

257101

24
h-index

155451

55
g-index

73
all docs

73
docs citations

73
times ranked

5485
citing authors

#	ARTICLE	IF	CITATIONS
1	Home Aerobic Training for Cerebellar Degenerative Diseases: a Randomized Controlled Trial. <i>Cerebellum</i> , 2023, 22, 272-281.	1.4	1
2	Robotic upright stand trainer (RobUST) and postural control in individuals with spinal cord injury. <i>Journal of Spinal Cord Medicine</i> , 2023, 46, 889-899.	0.7	3
3	Which Road to Recovery?: Factors Influencing Postacute Stroke Discharge Destinations: A Delphi Study. <i>Stroke</i> , 2022, 53, 947-955.	1.0	6
4	Feasibility of deploying peer coaches to mentor frontline home health aides and promote mobility among individuals recovering from a stroke: pilot test of a randomized controlled trial. <i>Pilot and Feasibility Studies</i> , 2022, 8, 22.	0.5	0
5	Thumb Stabilization and Assistance in a Robotic Hand Orthosis for Post-Stroke Hemiparesis. <i>IEEE Robotics and Automation Letters</i> , 2022, 7, 8276-8282.	3.3	2
6	Adaptive Semi-Supervised Intent Inference to Control a Powered Hand Orthosis for Stroke. , 2022, , .		2
7	Utility of the AM-PAC "Clicks" Basic Mobility and Daily Activity Short Forms to Determine Discharge Destination in an Acute Stroke Population. <i>American Journal of Occupational Therapy</i> , 2022, 76, .	0.1	4
8	Phase I "Single-Blinded" Randomized Controlled Trial Comparing Balance and Aerobic Training in Degenerative Cerebellar Disease. <i>PM and R</i> , 2021, 13, 364-371.	0.9	5
9	Comprehensive Stroke Care and Outcomes. <i>Stroke</i> , 2021, 52, 385-393.	1.0	60
10	Comparing a Novel Neuroanimation Experience to Conventional Therapy for High-Dose Intensive Upper-Limb Training in Subacute Stroke: The SMARTS2 Randomized Trial. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 393-405.	1.4	36
11	Informed Hope in Rehabilitation Research. <i>PM and R</i> , 2021, 13, 915-921.	0.9	0
12	Gait Adaptation Using a Cable-Driven Active Leg Exoskeleton (C-ALEX) With Post-Stroke Participants. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 1984-1993.	2.7	37
13	ASPIRE trial: study protocol for a double-blind randomised controlled trial of aspirin for overheating during exercise in multiple sclerosis. <i>BMJ Open</i> , 2020, 10, e039691.	0.8	2
14	User-Driven Functional Movement Training With a Wearable Hand Robot After Stroke. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2265-2275.	2.7	21
15	COVID-19: maintaining essential rehabilitation services across the care continuum. <i>BMJ Global Health</i> , 2020, 5, e002670.	2.0	132
16	Rehabilitation Medicine Response to the COVID-19 Pandemic. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2020, 99, 573-579.	0.7	38
17	Phase I randomized single-blinded controlled study investigating the potential benefit of aerobic exercise in degenerative cerebellar disease. <i>Clinical Rehabilitation</i> , 2020, 34, 584-594.	1.0	10
18	Are Stroke Survivors Discharged to the Recommended Postacute Setting?. <i>Archives of Physical Medicine and Rehabilitation</i> , 2020, 101, 1190-1198.	0.5	3

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19	Effects of a Person-Following Light-Touch Device During Overground Walking With Visual Perturbations in a Virtual Reality Environment. IEEE Robotics and Automation Letters, 2019, 4, 4139-4146.	3.3	14
20	Stand Trainer With Applied Forces at the Pelvis and Trunk: Response to Perturbations and Assist-As-Needed Support. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1855-1864.	2.7	17
21	Preface. Physical Medicine and Rehabilitation Clinics of North America, 2019, 30, xv-xvi.	0.7	0
22	Post-stroke rehabilitation. Medicine (United States), 2019, 98, e15934.	0.4	28
23	Multimodal Sensing and Interaction for a Robotic Hand Orthosis. IEEE Robotics and Automation Letters, 2019, 4, 315-322.	3.3	32
24	Feasibility of an Electromyography-Triggered Hand Robot for People After Chronic Stroke. American Journal of Occupational Therapy, 2019, 73, 7304345040p1-7304345040p9.	0.1	11
25	Stroke Center Certification and Performance: A Longitudinal Analysis of the Northeast Cerebrovascular Consortium Region. Yale Journal of Biology and Medicine, 2019, 92, 587-596.	0.2	0
26	Modified Approach to Stroke Rehabilitation (MAStR): feasibility study of a method to apply procedural memory concepts to transfer training. Topics in Stroke Rehabilitation, 2018, 25, 1-8.	1.0	1
27	Aspirin is an effective pretreatment for exercise in multiple sclerosis: A double-blind randomized controlled pilot trial. Multiple Sclerosis Journal, 2018, 24, 1511-1513.	1.4	6
28	Design and Development of Effective Transmission Mechanisms on a Tendon Driven Hand Orthosis for Stroke Patients. , 2018, , .		22
29	Factors associated with 1-year mortality after discharge for acute stroke: what matters?. Topics in Stroke Rehabilitation, 2018, 25, 576-583.	1.0	9
30	Randomized Sham-Controlled Trial of Navigated Repetitive Transcranial Magnetic Stimulation for Motor Recovery in Stroke. Stroke, 2018, 49, 2138-2146.	1.0	113
31	The use of robots in stroke rehabilitation: A narrative review. NeuroRehabilitation, 2018, 43, 99-110.	0.5	74
32	Unexplained Variation for Hospitalsâ€™ Use of Inpatient Rehabilitation and Skilled Nursing Facilities After an Acute Ischemic Stroke. Stroke, 2017, 48, 2836-2842.	1.0	37
33	Exploration of Two Training Paradigms Using Forced Induced Weight Shifting With the Tethered Pelvic Assist Device to Reduce Asymmetry in Individuals After Stroke. American Journal of Physical Medicine and Rehabilitation, 2017, 96, S135-S140.	0.7	18
34	EMG pattern classification to control a hand orthosis for functional grasp assistance after stroke. , 2017, 2017, 1203-1210.		42
35	Understanding the Connection between Cognitive Impairment and Mobility: What Can Be Gained from Neuropsychological Assessment?. Rehabilitation Research and Practice, 2017, 2017, 1-7.	0.5	3
36	Selection of Postacute Stroke Rehabilitation Facilities. Medicine (United States), 2016, 95, e3206.	0.4	20

#	ARTICLE	IF	CITATIONS
37	Guidelines for Adult Stroke Rehabilitation and Recovery. <i>Stroke</i> , 2016, 47, e98-e169.	1.0	1,847
38	Physiatrist referral preferences for postacute stroke rehabilitation. <i>Medicine (United States)</i> , 2016, 95, e4356.	0.4	15
39	On the feasibility of wearable exotendon networks for whole-hand movement patterns in stroke patients. , 2016, , .		17
40	Combined Clinic-Home Approach for Upper Limb Robotic Therapy After Stroke: A Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 2243-2248.	0.5	35
41	Poster 47 A Single Surface EMG Interface to Control Multiple Degrees of Freedom in Stroke Survivors. <i>PM and R</i> , 2015, 7, S107-S107.	0.9	0
42	Use of a Standardized Assessment to Predict Rehabilitation Care After Acute Stroke. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, 210-217.	0.5	55
43	Gait Training with a Robotic Leg Brace After Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 987-994.	0.7	49
44	Sexuality after stroke: patient counseling preferences. <i>Disability and Rehabilitation</i> , 2013, 35, 1842-1847.	0.9	50
45	Functional Outcomes of Adults with Left Ventricular Assist Devices Receiving Inpatient Rehabilitation. <i>PM and R</i> , 2013, 5, 99-103.	0.9	22
46	Playing the Odds. <i>JAMA Pediatrics</i> , 2013, 167, 505.	3.3	0
47	Musculoskeletal Ultrasound in Sports Medicine. <i>The Japanese Journal of Rehabilitation Medicine</i> , 2013, 50, 403-408.	0.0	0
48	Ethical Issues in Inpatient Rehabilitation Length of Stay Determination. <i>Topics in Stroke Rehabilitation</i> , 2012, 19, 86-92.	1.0	8
49	A pilot study of robotic-assisted exercise for hand weakness after stroke. , 2011, 2011, 5975426.		20
50	Robot-Assisted Exercise for Hand Weakness After Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2011, 90, 887-894.	0.7	40
51	Stochastic Resonance Stimulation for Upper Limb Rehabilitation Poststroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010, 89, 697-705.	0.7	12
52	Upper limb robot-assisted therapy: A new option for children with hemiplegia1. <i>Technology and Disability</i> , 2010, 22, 193-198.	0.3	13
53	A Novel Approach to Monitor Rehabilitation Outcomes in Stroke Survivors Using Wearable Technology. <i>Proceedings of the IEEE</i> , 2010, 98, 450-461.	16.4	139
54	e100 NeuroRobotic system. <i>Expert Review of Medical Devices</i> , 2009, 6, 15-19.	1.4	19

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55	A paradigm shift for rehabilitation robotics. IEEE Engineering in Medicine and Biology Magazine, 2008, 27, 61-70.	1.1	123
56	A comparison of functional and impairment-based robotic training in severe to moderate chronic stroke: A pilot study. NeuroRehabilitation, 2008, 23, 81-87.	0.5	107
57	Spasticity. , 2008, , 849-852.		0
58	Electromyography-Controlled Exoskeletal Upper-Limbâ€“Powered Orthosis for Exercise Training After Stroke. American Journal of Physical Medicine and Rehabilitation, 2007, 86, 255-261.	0.7	142
59	Is Informed Consent a â€œYes or Noâ€•Response? Enhancing the Shared Decision-Making Process for Persons with Aphasia. Topics in Stroke Rehabilitation, 2006, 13, 42-46.	1.0	51
60	Technology for recovery after stroke. , 2005, , 604-622.		8
61	Clinical Applications of Robots in Rehabilitation. Critical Reviews in Physical and Rehabilitation Medicine, 2005, 17, 217-230.	0.1	10
62	Motor Recovery Strategies After Stroke. Topics in Stroke Rehabilitation, 2004, 11, 12-22.	1.0	28
63	Comparison of Two Techniques of Robot-Aided Upper Limb Exercise Training After Stroke. American Journal of Physical Medicine and Rehabilitation, 2004, 83, 720-728.	0.7	164
64	Effects of robotic therapy on motor impairment and recovery in chronic stroke. Archives of Physical Medicine and Rehabilitation, 2003, 84, 477-482.	0.5	442
65	Family Member Knowledge and Expectations for Functional Recovery After Stroke. American Journal of Physical Medicine and Rehabilitation, 2003, 82, 169-174.	0.7	10
66	The Ethics of Advance Directives. American Journal of Physical Medicine and Rehabilitation, 2003, 82, 152-157.	0.7	7
67	Wearable sensor technology for functional assessment after stroke. IEEE Engineering in Medicine and Biology Magazine, 2003, 22, 26-7.	1.1	2
68	Motor Function Improvement Following Intrathecal Baclofen Pump Placement in a Patient with Locked-in Syndrome. American Journal of Physical Medicine and Rehabilitation, 2002, 81, 307-309.	0.7	10
69	Movement Smoothness Changes during Stroke Recovery. Journal of Neuroscience, 2002, 22, 8297-8304.	1.7	608
70	Cardiopulmonary Physiology. , 1994, , 127-147.		2