

Jane H Burridge

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,658
citations

201575

27
h-index

197736

49
g-index

85
all docs

85
docs citations

85
times ranked

2476
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical use of the odstock dropped foot stimulator: Its effect on the speed and effort of walking. Archives of Physical Medicine and Rehabilitation, 1999, 80, 1577-1583.	0.5	246
2	A review of portable FES-based neural orthoses for the correction of drop foot. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2002, 10, 260-279.	2.7	227
3	The effect of combined use of botulinum toxin type A and functional electric stimulation in the treatment of spastic drop foot after stroke: a preliminary investigation11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the authors or upon any organization with which the authors are associated.. Archives of Physical Medicine and Rehabilitation, 2004, 85, 902-909.	0.5	112
4	Phase II trial to evaluate the ActiGait implanted drop-foot stimulator in established hemiplegia. Acta Dermato-Venereologica, 2007, 39, 212-218.	0.6	109
5	Patients' perceptions of the Odstock Dropped Foot Stimulator (ODFS). Clinical Rehabilitation, 1999, 13, 439-446.	1.0	107
6	Internal and External Focus of Attention During Gait Re-Education: An Observational Study of Physical Therapist Practice in Stroke Rehabilitation. Physical Therapy, 2013, 93, 957-966.	1.1	103
7	Experience of Clinical Use of the Odstock DroppedFoot Stimulator. Artificial Organs, 1997, 21, 254-260.	1.0	95
8	Validation and Application of a Computational Model for Wrist and Hand Movements Using Surface Markers. IEEE Transactions on Biomedical Engineering, 2008, 55, 1199-1210.	2.5	91
9	Translation of evidence-based Assistive Technologies into stroke rehabilitation: usersâ€™ perceptions of the barriers and opportunities. BMC Health Services Research, 2014, 14, 124.	0.9	90
10	Assistive technologies after stroke: self-management or fending for yourself? A focus group study. BMC Health Services Research, 2013, 13, 334.	0.9	80
11	Clinical and Therapeutic Applications of Neuromuscular Stimulation: A Review of Current Use and Speculation into Future Developments. Neuromodulation, 2001, 4, 147-154.	0.4	75
12	Functional electrical stimulation mediated by iterative learning control and 3D robotics reduces motor impairment in chronic stroke. Journal of NeuroEngineering and Rehabilitation, 2012, 9, 32.	2.4	68
13	The application of precisely controlled functional electrical stimulation to the shoulder, elbow and wrist for upper limb stroke rehabilitation: a feasibility study. Journal of NeuroEngineering and Rehabilitation, 2014, 11, 105.	2.4	66
14	A review of clinical upper limb assessments within the framework of the WHO ICF. Musculoskeletal Care, 2007, 5, 160-173.	0.6	62
15	Telehealth, Wearable Sensors, and the Internet: Will They Improve Stroke Outcomes Through Increased Intensity of Therapy, Motivation, and Adherence to Rehabilitation Programs?. Journal of Neurologic Physical Therapy, 2017, 41, S32-S38.	0.7	57
16	An Extended Complementary Filter for Full-Body MARG Orientation Estimation. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2054-2064.	3.7	55
17	Trunk Restraint to Promote Upper Extremity Recovery in Stroke Patients. Neurorehabilitation and Neural Repair, 2014, 28, 660-677.	1.4	54
18	Potential for new technologies in clinical practice. Current Opinion in Neurology, 2010, 23, 671-677.	1.8	52

#	ARTICLE	IF	CITATIONS
19	Clinical Audit of 5 Years Provision of the Odstock Dropped Foot Stimulator. <i>Artificial Organs</i> , 1999, 23, 440-442.	1.0	48
20	A Systematic Review of International Clinical Guidelines for Rehabilitation of People With Neurological Conditions: What Recommendations Are Made for Upper Limb Assessment?. <i>Frontiers in Neurology</i> , 2019, 10, 567.	1.1	46
21	Setting the scene for the Second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2019, 14, 450-456.	2.9	44
22	A Pilot Study to Investigate the Effects of Electrical Stimulation on Recovery of Hand Function and Sensation in Subacute Stroke Patients. <i>Neuromodulation</i> , 2005, 8, 193-202.	0.4	34
23	Therapeutic Effectiveness of Electric Stimulation of the Upper-Limb Poststroke Using Implanted Microstimulators. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1913-1922.	0.5	33
24	Patients' perceptions of the benefits and problems of using the ActiGait implanted drop-foot stimulator. <i>Journal of Rehabilitation Medicine</i> , 2008, 40, 873-875.	0.8	33
25	The Effect of Common Peroneal Nerve Stimulation on Quadriceps Spasticity in Hemiplegia. <i>Physiotherapy</i> , 1997, 83, 82-89.	0.2	30
26	The clinical importance of ultrasound detectable forefoot bursae in rheumatoid arthritis. <i>Rheumatology</i> , 2010, 49, 191-192.	0.9	30
27	Effect of Trunk Support on Upper Extremity Function in People With Chronic Stroke and People Who Are Healthy. <i>Physical Therapy</i> , 2015, 95, 1163-1171.	1.1	29
28	Musculoskeletal ultrasound imaging of the plantar forefoot in patients with rheumatoid arthritis: interobserver agreement between a podiatrist and a radiologist. <i>Journal of Foot and Ankle Research</i> , 2008, 1, 5.	0.7	28
29	Reliability and Sensitivity of a Wrist Rig to Measure Motor Control and Spasticity in Poststroke Hemiplegia. <i>Neurorehabilitation and Neural Repair</i> , 2008, 22, 684-696.	1.4	27
30	Assessment of the natural history of forefoot bursae using ultrasonography in patients with rheumatoid arthritis: A twelve-month investigation. <i>Arthritis Care and Research</i> , 2010, 62, 1756-1762.	1.5	25
31	Stroke participants' perceptions of robotic and electrical stimulation therapy: a new approach. <i>Disability and Rehabilitation: Assistive Technology</i> , 2011, 6, 130-138.	1.3	25
32	The Views of People With Spinal Cord Injury About the Use of Functional Electrical Stimulation. <i>Artificial Organs</i> , 2011, 35, 204-211.	1.0	24
33	The relationship between upper limb activity and impairment in post-stroke hemiplegia. <i>Disability and Rehabilitation</i> , 2009, 31, 109-117.	0.9	23
34	Exploring positive adjustment in people with spinal cord injury. <i>Journal of Health Psychology</i> , 2014, 19, 1043-1054.	1.3	23
35	Evaluation of upper extremity neurorehabilitation using technology: a European Delphi consensus study within the EU COST Action Network on Robotics for Neurorehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2016, 13, 86.	2.4	22
36	European evidence-based recommendations for clinical assessment of upper limb in neurorehabilitation (CAULIN): data synthesis from systematic reviews, clinical practice guidelines and expert consensus. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 162.	2.4	22

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37	A Pilot Study to Investigate the Combined Use of Botulinum Neurotoxin Type A and Functional Electrical Stimulation, with Physiotherapy, in the Treatment of Spastic Dropped Foot in Subacute Stroke. <i>Artificial Organs</i> , 2002, 26, 263-266.	1.0	21
38	Changes in Hand Function with Age and Normative Unimpaired Scores when Measured with the Southampton Hand Assessment Procedure. <i>Hand Therapy</i> , 2008, 13, 79-83.	0.2	20
39	Forefoot pathology in rheumatoid arthritis identified with ultrasound may not localise to areas of highest pressure: cohort observations at baseline and twelve months. <i>Journal of Foot and Ankle Research</i> , 2011, 4, 25.	0.7	20
40	Walking on an Uneven Surface: The Effect of Common Peroneal Stimulation on Gait Parameters and Relationship Between Perceived and Measured Benefits in a Sample of Participants With a Drop-Foot. <i>Neuromodulation</i> , 2007, 10, 59-67.	0.4	19
41	The effect of time spent in rehabilitation on activity limitation and impairment after stroke. <i>The Cochrane Library</i> , 2021, 2021, CD012612.	1.5	19
42	FES based rehabilitation of the upper limb using input/output linearization and ILC. , 2012, , .		17
43	Responsiveness of self-report and therapist-rated upper extremity structural impairment and functional outcome measures in early rheumatoid arthritis. <i>Arthritis Care and Research</i> , 2010, 62, 274-278.	1.5	16
44	Functional Strength Training and Movement Performance Therapy for Upper Limb Recovery Early Poststroke—Efficacy, Neural Correlates, Predictive Markers, and Cost-Effectiveness: FAST-INdiCATE Trial. <i>Frontiers in Neurology</i> , 2017, 8, 733.	1.1	15
45	Poststroke Upper-Limb Rehabilitation Using 5 to 7 Inserted Microstimulators: Implant Procedure, Safety, and Efficacy for Restoration of Function. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1907-1912.	0.5	13
46	Improvement in symptoms and signs in the forefoot of patients with rheumatoid arthritis treated with anti-TNF therapy. <i>Journal of Foot and Ankle Research</i> , 2010, 3, 10.	0.7	13
47	Self-Directed Exergaming for Stroke Upper Limb Impairment Increases Exercise Dose Compared to Standard Care. <i>Neurorehabilitation and Neural Repair</i> , 2021, 35, 974-985.	1.4	13
48	Static orthoses in the prevention of hand dysfunction in rheumatoid arthritis: a review of the literature. <i>Musculoskeletal Care</i> , 2005, 3, 85-101.	0.6	12
49	Does the use of a constraint mitten to encourage use of the hemiplegic upper limb improve arm function in adults with subacute stroke?. <i>Clinical Rehabilitation</i> , 2007, 21, 895-904.	1.0	12
50	Functional Electrical Stimulation With Exercises for Standing Balance and Weight Transfer in Acute Stroke Patients: A Feasibility Randomized Controlled Trial. <i>Neuromodulation</i> , 2013, 16, 168-177.	0.4	12
51	Fitness and mobility training in patients with Intensive Care Unit-acquired muscle weakness (FITonICU): study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 559.	0.7	12
52	A Personalized Sensor-Controlled Microstimulator System for Arm Rehabilitation Poststroke. Part 2: Objective Outcomes and Patients' Perspectives. <i>Neuromodulation</i> , 2011, 14, 80-88.	0.4	11
53	Optimisation of hand posture stimulation using an electrode array and iterative learning control. <i>Journal of Automatic Control</i> , 2013, 21, 1-5.	1.0	11
54	A randomised controlled trial of integrated electrical stimulation and physiotherapy to improve mobility for people less than 6 months post stroke. <i>Disability and Rehabilitation: Assistive Technology</i> , 2015, 10, 468-474.	1.3	10

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55	The effects of FES cycling combined with virtual reality racing biofeedback on voluntary function after incomplete SCI: a pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 149.	2.4	10
56	Forced use as a home-based intervention in children with congenital hemiplegic cerebral palsy: Choosing the appropriate constraint. <i>Disability and Rehabilitation: Assistive Technology</i> , 2010, 5, 25-33.	1.3	9
57	A Personalized Sensor-Controlled Microstimulator System for Arm Rehabilitation Poststroke. Part 1: System Architecture. <i>Neuromodulation</i> , 2011, 14, 72-79.	0.4	8
58	New advances in mechanomyography sensor technology and signal processing: Validity and intrarater reliability of recordings from muscle. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2020, 7, 205566832091611.	0.6	7
59	Robust higher order repetitive control applied to human tremor suppression. , 2012, , .		6
60	Using a Minimum Set of Wearable Sensors to Assess Quality of Movement in Stroke Survivors. , 2017, , .		6
61	FAST INdiCATE Trial Protocol. Clinical Efficacy of Functional Strength Training for Upper Limb Motor Recovery Early after Stroke: Neural Correlates and Prognostic Indicators. <i>International Journal of Stroke</i> , 2014, 9, 240-245.	2.9	5
62	Instrumented trunk impairment scale (iTIS): A reliable measure of trunk impairment in the stroke population. <i>Topics in Stroke Rehabilitation</i> , 2021, 28, 456-463.	1.0	5
63	A nation-wide survey exploring the views of current and future use of functional electrical stimulation in spinal cord injury. <i>Disability and Rehabilitation: Assistive Technology</i> , 2023, 18, 752-762.	1.3	5
64	Upper limb rehabilitation of stroke participants using electrical stimulation: Changes in tracking and EMG timing. , 2009, , .		4
65	Electrical stimulation and iterative learning control for functional recovery in the upper limb post-stroke. , 2013, 2013, 6650359.		4
66	Cognitive interviewing techniques used in developing questionnaires on functional electrical stimulation in spinal cord injury. <i>International Journal of Therapy and Rehabilitation</i> , 2016, 23, 114-121.	0.1	4
67	Upper limb and eye movement coordination during reaching tasks in people with stroke. <i>Disability and Rehabilitation</i> , 2018, 40, 2424-2432.	0.9	4
68	Comparing the Impact of an Implicit Learning Approach With Standard Care on Recovery of Mobility Following Stroke: Protocol for a Pilot Cluster Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019, 8, e14222.	0.5	4
69	Measurement of motor-evoked potential resting threshold and amplitude of proximal and distal arm muscles in healthy adults. A reliability study. <i>Journal of Rehabilitation and Assistive Technologies Engineering</i> , 2018, 5, 205566831876540.	0.6	3
70	Concurrent Validity of a Novel Wireless Inertial Measurement System for Assessing Trunk Impairment in People with Stroke. <i>Sensors</i> , 2020, 20, 1699.	2.1	3
71	Arm Rehabilitation. , 2021, , 97-121.		3
72	Arm Rehabilitation at Home for People with Stroke: Staying Safe: Encouraging Results from the Co-designed LifeCIT Programme. , 2017, , 59-79.		2

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73	Principles into Practice: An Observational Study of Physiotherapists use of Motor Learning Principles in Stroke Rehabilitation. <i>Physiotherapy</i> , 2022, , .	0.2	2
74	Use of microstimulators to aid upper limb function in hemiplegia. <i>International Journal of Therapy and Rehabilitation</i> , 2005, 12, 330-330.	0.1	1
75	Estimating Clinical Scores From Wearable Sensor Data In Stroke Survivors. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, e65.	0.5	1
76	Longitudinal analysis of the recovery of trunk control and upper extremity following stroke: An individual growth curve approach. <i>Topics in Stroke Rehabilitation</i> , 2021, , 1-16.	1.0	1
77	Treatment of focal spasticity with botulinum toxin: effect on the "positive support reaction"™. <i>Physiotherapy Research International</i> , 2000, 5, 71-72.	0.7	0
78	Robotic trajectory tracking for neurological rehabilitation. <i>Progress in Neurology and Psychiatry</i> , 2008, 12, 22-24.	0.4	0
79	Efficacy of iterative learning control for stroke rehabilitation. <i>Progress in Neurology and Psychiatry</i> , 2009, 13, 16-20.	0.4	0
80	SAIL: A 3D rehabilitation system to improve arm function following stroke. <i>Progress in Neurology and Psychiatry</i> , 2012, 16, 17-19.	0.4	0
81	Iterative Learning Control as an Enabler for Robotic-Assisted Upper Limb Stroke Rehabilitation. <i>Studies in Systems, Decision and Control</i> , 2016, , 157-187.	0.8	0
82	Development of lower limb training interventions that promote an external focus of attention in people with stroke: a modified Delphi survey. <i>Physiotherapy Theory and Practice</i> , 2022, 38, 2998-3009.	0.6	0
83	Task selection for a sensor-based, wearable, upper limb training device for stroke survivors: a multi-stage approach. <i>Disability and Rehabilitation</i> , 2022, , 1-8.	0.9	0