Janis J Daly

List of Publications by Year
in descending order

62 papers	3,284 citations	218677 26 h-index	149698 56 g-index
63 all docs	63 docs citations	63 times ranked	3501 citing authors

#	Article	IF	Citations
1	Stance Phase Gait Training Post Stroke Using Simultaneous Transcranial Direct Current Stimulation and Motor Learning-Based Virtual Reality-Assisted Therapy: Protocol Development and Initial Testing. Brain Sciences, 2022, 12, 701.	2.3	6
2	Construct Validity of the Gait Assessment and Intervention Tool (<scp>GAIT</scp>) in People With Multiple Sclerosis. PM and R, 2021, 13, 307-313.	1.6	4
3	Combined real-time fMRI and real time fNIRS brain computer interface (BCI): Training of volitional wrist extension after stroke, a case series pilot study. PLoS ONE, 2021, 16, e0250431.	2.5	12
4	Four methods of brain pattern analyses of fMRI signals associated with wrist extension versus wrist flexion studied for potential use in future motor learning BCI. PLoS ONE, 2021, 16, e0254338.	2.5	1
5	Trajectories of stroke recovery of impairment, function, and quality of life in response to 12-month mobility and fitness intervention. NeuroRehabilitation, 2021, , 1-12.	1.3	2
6	Necessity and Content of Swing Phase Gait Coordination Training Post Stroke; A Case Report. Brain Sciences, 2021, 11, 1498.	2.3	6
7	Reliability and Minimal Detectable Change in the Gait Assessment and Intervention Tool in Patients With Multiple Sclerosis. PM and R, 2020, 12, 685-691.	1.6	8
8	Innovative Long-Dose Neurorehabilitation for Balance and Mobility in Chronic Stroke: A Preliminary Case Series. Brain Sciences, 2020, 10, 555.	2.3	11
9	Development of a combined, sequential real-time fMRI and fNIRS neurofeedback system to enhance motor learning after stroke. Journal of Neuroscience Methods, 2020, 341, 108719.	2.5	22
10	Association of spasticity and motor dysfunction in chronic stroke. Annals of Physical and Rehabilitation Medicine, 2019, 62, 397-402.	2.3	48
11	Interpreting Prefrontal Recruitment During Walking After Stroke: Influence of Individual Differences in Mobility and Cognitive Function. Frontiers in Human Neuroscience, 2019, 13, 194.	2.0	29
12	Long-Dose Intensive Therapy Is Necessary for Strong, Clinically Significant, Upper Limb Functional Gains and Retained Gains in Severe/Moderate Chronic Stroke. Neurorehabilitation and Neural Repair, 2019, 33, 523-537.	2.9	86
13	Common Data Elements for Unruptured Intracranial Aneurysm and Subarachnoid Hemorrhage Clinical Research: Recommendations from the Working Group on Long-Term Therapies. Neurocritical Care, 2019, 30, 79-86.	2.4	6
14	Spanish Crossâ€cultural Adaptation of the Gait Assessment and Intervention Tool. PM and R, 2019, 11, 954-962.	1.6	7
15	Prefrontal over-activation during walking in people with mobility deficits: Interpretation and functional implications. Human Movement Science, 2018, 59, 46-55.	1.4	93
16	Mobility Function and Recovery After Stroke: Preliminary Insights From Sympathetic Nervous System Activity. Journal of Neurologic Physical Therapy, 2018, 42, 224-232.	1.4	11
17	Greater Cortical Thickness Is Associated With Enhanced Sensory Function After Arm Rehabilitation in Chronic Stroke. Neurorehabilitation and Neural Repair, 2018, 32, 590-601.	2.9	12
18	Therapeutic applications of BCI technologies. Brain-Computer Interfaces, 2017, 4, 37-52.	1.8	44

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19	Topographical measures of functional connectivity as biomarkers for post-stroke motor recovery. Journal of NeuroEngineering and Rehabilitation, 2017, 14, 67.	4.6	57
20	Abstract 73: Improvement of Arm Function Following Intensive Rehabilitation in Chronic Stroke Correlates With Increase in Fractional Anisotropy in Major White Matter Tracts. Stroke, 2016, 47, .	2.0	0
21	Recovery of post stroke proximal arm function, driven by complex neuroplastic bilateral brain activation patterns and predicted by baseline motor dysfunction severity. Frontiers in Human Neuroscience, 2015, 9, 394.	2.0	33
22	Static and dynamic postural stability in veterans with combat-related mild traumatic brain injury. Gait and Posture, 2015, 42, 550-557.	1.4	21
23	Comparison of Robotics, Functional Electrical Stimulation, and Motor Learning Methods for Treatment of Persistent Upper ExtremityÂDysfunction After Stroke: AÂRandomizedÂControlled Trial. Archives of Physical Medicine and Rehabilitation, 2015, 96, 981-990.	0.9	167
24	Brain-Computer Interface: Current and Emerging Rehabilitation Applications. Archives of Physical Medicine and Rehabilitation, 2015, 96, S1-S7.	0.9	89
25	Hemispheric Activation during Planning and Execution Phases in Reaching post Stroke. Medicine (United States), 2015, 94, e307.	1.0	8
26	Addressing low frequency movement artifacts in EEG signal recorded during center-out reaching tasks. , 2014, 2014, 6497-500.		4
27	Brain control of functional reach in healthy adults and stroke survivors. Restorative Neurology and Neuroscience, 2014, 32, 559-573.	0.7	4
28	Functional Brain Correlates of Upper Limb Spasticity and Its Mitigation following Rehabilitation in Chronic Stroke Survivors. Stroke Research and Treatment, 2014, 2014, 1-8.	0.8	14
29	Guest Editorial: Gait coordination protocol for recovery of coordinated gait, function, and quality of life following stroke. Journal of Rehabilitation Research and Development, 2012, 49, xix.	1.6	8
30	Enhanced life-role participation in response to comprehensive gait training in chronic-stroke survivors. Disability and Rehabilitation, 2012, 34, 1535-1539.	1.8	12
31	Enhanced life-role participation in response to comprehensive gait training in chronic stroke survivors[*]. Disability and Rehabilitation, 2012, 34, 2264-2271.	1.8	11
32	Capability of 2 Gait Measures for Detecting Response to Gait Training in Stroke Survivors: Gait Assessment and Intervention Tool and the Tinetti Gait Scale. Archives of Physical Medicine and Rehabilitation, 2012, 93, 129-136.	0.9	20
33	Examining the positive effects of exercise in intubated adults in ICU: A prospective repeated measures clinical study. Intensive and Critical Care Nursing, 2012, 28, 307-318.	2.9	62
34	A generalized regression model for region of interest analysis of fMRI data. NeuroImage, 2012, 59, 502-510.	4.2	8
35	BCI Therapeutic Applications for Improving Brain Function. , 2012, , 352-362.		4
36	Abnormal Leg Muscle Latencies and Relationship to Dyscoordination and Walking Disability after Stroke. Rehabilitation Research and Practice, 2011, 2011, 1-8.	0.6	12

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37	Recovery of Coordinated Gait. Neurorehabilitation and Neural Repair, 2011, 25, 588-596.	2.9	109
38	Weakening of Synergist Muscle Coupling During Reaching Movement in Stroke Patients. Neurorehabilitation and Neural Repair, 2011, 25, 359-368.	2.9	49
39	Development and testing of the Gait Assessment and Intervention Tool (G.A.I.T.): A measure of coordinated gait components. Journal of Neuroscience Methods, 2009, 178, 334-339.	2.5	62
40	Functional corticomuscular connection during reaching is weakened following stroke. Clinical Neurophysiology, 2009, 120, 994-1002.	1.5	105
41	Feasibility of a New Application of Noninvasive Brain Computer Interface (BCI): A Case Study of Training for Recovery of Volitional Motor Control After Stroke. Journal of Neurologic Physical Therapy, 2009, 33, 203-211.	1.4	235
42	fMRI methods for proximal upper limb joint motor testing and identification of undesired mirror movement after stroke. Journal of Neuroscience Methods, 2008, 175, 133-142.	2.5	11
43	Upper-Extremity Stroke Therapy Task Discrimination Using Motion Sensors and Electromyography. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2008, 16, 82-90.	4.9	23
44	Automatic Synchronization of Functional Electrical Stimulation and Robotic Assisted Treadmill Training. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2008, 16, 310-313.	4.9	37
45	Brainâ€“computer interfaces in neurological rehabilitation. Lancet Neurology, The, 2008, 7, 1032-1043.	10.2	954
46	Physiological Cost Index as a Proxy Measure for the Oxygen Cost of Gait in Stroke Patients. Neurorehabilitation and Neural Repair, 2007, 21, 429-434.	2.9	50
47	Answering the Call: The Influence of Neuroimaging and Electrophysiological Evidence on Rehabilitation. Physical Therapy, 2007, 87, 684-703.	2.4	38
48	Intra-limb coordination deficit in stroke survivors and response to treatment. Gait and Posture, 2007, 25, 412-418.	1.4	40
49	Abnormal cognitive planning and movement smoothness control for a complex shoulder/elbow motor task in stroke survivors. Journal of the Neurological Sciences, 2007, 256, 21-29.	0.6	36
50	Construction of Efficacious Gait and Upper Limb Functional Interventions Based on Brain Plasticity Evidence and Model-Based Measures For Stroke Patients. Scientific World Journal, The, 2007, 7, 2031-2045.	2.1	126
51	A Randomized Controlled Trial of Functional Neuromuscular Stimulation in Chronic Stroke Subjects. Stroke, 2006, 37, 172-178.	2.0	118
52	Prolonged cognitive planning time, elevated cognitive effort, and relationship to coordination and motor control following stroke. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2006, 14, 168-171.	4.9	53
53	A Detection Scheme for Frontalis and Temporalis Muscle EMG Contamination of EEG Data. , 2006, 2006, 4514-8.		12
54	Response of gait deficits to neuromuscular electrical stimulation for stroke survivors. Expert Review of Neurotherapeutics, 2006, 6, 1511-1522.	2.8	8

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55	A Detection Scheme for Frontalis and Temporalis Muscle EMG Contamination of EEG Data. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	2
56	Response to upper-limb robotics and functional neuromuscular. Journal of Rehabilitation Research and Development, 2005, 42, 723.	1.6	149
57	Feasibility of combining multi-channel functional neuromuscular stimulation with weight-supported treadmill training. Journal of the Neurological Sciences, 2004, 225, 105-115.	0.6	31
58	Response of sagittal plane gait kinematics to weight-supported treadmill training and functional neuromuscular stimulation following stroke. Journal of Rehabilitation Research and Development, 2004, 41, 807.	1.6	35
59	The FNS project. Rehab Management, 2003, 16, 32-5, 58.	0.0	0
60	Response of prolonged flaccid paralysis to FNS rehabilitation techniques. Disability and Rehabilitation, 2000, 22, 565-573.	1.8	14
61	Feasibility of gait training for acute stroke patients using FNS with implanted electrodes. Journal of the Neurological Sciences, 2000, 179, 103-107.	0.6	17
62	Electrically Induced Recovery of Gait Components for Older Patients with Chronic Stroke. American Journal of Physical Medicine and Rehabilitation, 2000, 79, 349-360.	1.4	28