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Degree of corticospinal tract damage correlates with motor function after stroke

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#	Paper	IF	Citations
48	Evaluation of changes in the cortical gait control in post-stroke patients induced by the use of the RegentSoft exoskeleton complex (SEC) by navigated transcranial magnetic stimulation. <i>Human Physiology</i> , 2016 , 42, 252-257	0.3	1
47	Does stroke location predict walk speed response to gait rehabilitation?. <i>Human Brain Mapping</i> , 2016 , 37, 689-703	5.9	41
46	Early Fiber Number Ratio Is a Surrogate of Corticospinal Tract Integrity and Predicts Motor Recovery After Stroke. <i>Stroke</i> , 2016 , 47, 1053-9	6.7	52
45	Handwriting performance versus arm forward reach and grasp abilities among post-stroke patients, a case-control study. <i>Topics in Stroke Rehabilitation</i> , 2017 , 24, 5-11	2.6	7
44	Diffusion tensor imaging as a prognostic biomarker for motor recovery and rehabilitation after stroke. <i>Neuroradiology</i> , 2017 , 59, 343-351	3.2	80
43	Diffusion tensor imaging predicts motor outcome in children with acquired brain injury. <i>Brain Imaging and Behavior</i> , 2017 , 11, 1373-1384	4.1	10
42	Extraction of corticospinal tract microstructural properties in chronic stroke. <i>Journal of Neuroscience Methods</i> , 2018 , 301, 34-42	3	7
41	Enhancing endogenous capacity to repair a stroke-damaged brain: An evolving field for stroke research. <i>Progress in Neurobiology</i> , 2018 , 163-164, 5-26	10.9	53
40	Cell-based and pharmacological neurorestorative therapies for ischemic stroke. <i>Neuropharmacology</i> , 2018 , 134, 310-322	5.5	59
39	Mesenchymal Stromal Cell Therapy of Stroke. <i>Springer Series in Translational Stroke Research</i> , 2018 , 217-237	0.37	2
38	Effects of Real-Time (Sonification) and Rhythmic Auditory Stimuli on Recovering Arm Function Post Stroke: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2018 , 9, 488	4.1	16
37	Microstructural characterization of corticospinal tract in subacute and chronic stroke patients with distal lesions by means of advanced diffusion MRI. <i>Neuroradiology</i> , 2019 , 61, 1033-1045	3.2	13
36	What Kind of Brain Structural Connectivity Remodeling Can Relate to Residual Motor Function After Stroke?. <i>Frontiers in Neurology</i> , 2019 , 10, 1111	4.1	4
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34	Therapeutic Intranasal Delivery for Stroke and Neurological Disorders. <i>Springer Series in Translational Stroke Research</i> , 2019 ,	0.1	2
33	Pathway-specific modulatory effects of neuromuscular electrical stimulation during pedaling in chronic stroke survivors. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019 , 16, 143	5.3	5
32	Disrupted functional connectivity and activity in the white matter of the sensorimotor system in patients with pontine strokes. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 478-486	5.6	8

31	Diffusion tensor imaging point to ongoing functional impairment in HIV-infected children at age 5, undetectable using standard neurodevelopmental assessments. <i>AIDS Research and Therapy</i> , 2020 , 17, 20	3	1
30	Limited capacity for ipsilateral secondary motor areas to support hand function post-stroke. <i>Journal of Physiology</i> , 2020 , 598, 2153-2167	3.9	9
29	Evaluation of Postural Stability and Transverse Abdominal Muscle Activity in Overweight Post-Stroke Patients: A Prospective, Observational Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 451-462	3.4	4
28	Brain-derived CCR5 Contributes to Neuroprotection and Brain Repair after Experimental Stroke. 2021 , 12, 72-92		3
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26	Common genetic variation influencing human white matter microstructure. <i>Science</i> , 2021 , 372,	33.3	18
25	Corticospinal recruitment of spinal motor neurons in human stroke survivors. <i>Journal of Physiology</i> , 2021 , 599, 4357-4373	3.9	1
24	Effectiveness of a combined transcranial direct current stimulation and virtual reality-based intervention on upper limb function in chronic individuals post-stroke with persistent severe hemiparesis: a randomized controlled trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021 , 18, 108	5.3	2
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21	Comparison of Diffusion Tensor Tractography and Motor Evoked Potentials for the Estimation of Clinical Status in Subacute Stroke. <i>Annals of Rehabilitation Medicine</i> , 2016 , 40, 126-34	1.7	3
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13	Relationship of the Nigrostriatal Tract with the Motor Function and the Corticospinal Tract in Chronic Hemiparetic Stroke Patients: A Diffusion Tensor Imaging Study.. <i>Healthcare (Switzerland)</i> , 2022 , 10,	3.4	0
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11	Table_1.DOCX. 2019 ,		
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4	Diffusion Tensor Imaging as a Prognostic Tool for Recovery in Acute and Hyperacute Stroke. 2022 , 14, 841-874		3
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