

# Steven C Cramer

## List of Publications by Year in descending order

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Version: 2024-02-01

159  
papers

15,051  
citations

25034

57  
h-index

20358

116  
g-index

161  
all docs

161  
docs citations

161  
times ranked

13495  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Guidelines for Adult Stroke Rehabilitation and Recovery. <i>Stroke</i> , 2016, 47, e98-e169.   | 2.0  | 1,847     |
| 2  | Harnessing neuroplasticity for clinical applications. <i>Brain</i> , 2011, 134, 1591-1609.   | 7.6  | 907       |
| 3  | A Functional MRI Study of Subjects Recovered From Hemiparetic Stroke. <i>Stroke</i> , 1997, 28, 2518-2527.   | 2.0  | 858       |
| 4  | Repairing the human brain after stroke: I. Mechanisms of spontaneous recovery. <i>Annals of Neurology</i> , 2008, 63, 272-287.   | 5.3  | 673       |
| 5  | Agreed definitions and a shared vision for new standards in stroke recovery research: The Stroke Recovery and Rehabilitation Roundtable taskforce. <i>International Journal of Stroke</i> , 2017, 12, 444-450.       | 5.9  | 624       |
| 6  | Robot-based hand motor therapy after stroke. <i>Brain</i> , 2008, 131, 425-437.  | 7.6  | 544       |
| 7  | BDNF val66met polymorphism is associated with modified experience-dependent plasticity in human motor cortex. <i>Nature Neuroscience</i> , 2006, 9, 735-737.   | 14.8 | 498       |
| 8  | A Standardized Approach to Performing the Action Research Arm Test. <i>Neurorehabilitation and Neural Repair</i> , 2008, 22, 78-90.  | 2.9  | 484       |
| 9  | Regional Ischemia and Ischemic Injury in Patients With Acute Middle Cerebral Artery Stroke as Defined by Early Diffusion-Weighted and Perfusion-Weighted MRI. <i>Stroke</i> , 1998, 29, 939-943.                     | 2.0  | 269       |
| 10 | Biomarkers of stroke recovery: Consensus-based core recommendations from the Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2017, 12, 480-493.                              | 5.9  | 266       |
| 11 | Repairing the human brain after stroke. II. Restorative therapies. <i>Annals of Neurology</i> , 2008, 63, 549-560.   | 5.3  | 247       |
| 12 | Agreed Definitions and a Shared Vision for New Standards in Stroke Recovery Research: The Stroke Recovery and Rehabilitation Roundtable Taskforce. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 793-799. | 2.9  | 225       |
| 13 | Anatomy of Stroke Injury Predicts Gains From Therapy. <i>Stroke</i> , 2011, 42, 421-426.   | 2.0  | 215       |
| 14 | Efficacy of Home-Based Telerehabilitation vs In-Clinic Therapy for Adults After Stroke. <i>JAMA Neurology</i> , 2019, 76, 1079.  | 9.0  | 213       |
| 15 | A Standardized Approach to the Fugl-Meyer Assessment and Its Implications for Clinical Trials. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 732-741.   | 2.9  | 204       |
| 16 | Safety, Feasibility, and Efficacy of Vagus Nerve Stimulation Paired With Upper-Limb Rehabilitation After Ischemic Stroke. <i>Stroke</i> , 2016, 47, 143-150.   | 2.0  | 203       |
| 17 | Spontaneous and Therapeutic-Induced Mechanisms of Functional Recovery After Stroke. <i>Translational Stroke Research</i> , 2017, 8, 33-46.   | 4.2  | 199       |
| 18 | Brain motor system function after chronic, complete spinal cord injury. <i>Brain</i> , 2005, 128, 2941-2950.   | 7.6  | 194       |

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|----|---|------|-----------|
| 19 | Vagus nerve stimulation paired with rehabilitation for upper limb motor function after ischaemic stroke (VNS-REHAB): a randomised, blinded, pivotal, device trial. <i>Lancet, The</i> , 2021, 397, 1545-1553. | 13.7 | 181       |
| 20 | Neural function, injury, and stroke subtype predict treatment gains after stroke. <i>Annals of Neurology</i> , 2015, 77, 132-145.   | 5.3  | 180       |
| 21 | Home-based technologies for stroke rehabilitation: A systematic review. <i>International Journal of Medical Informatics</i> , 2019, 123, 11-22.   | 3.3  | 172       |
| 22 | Pharmacological Elevation of Blood Pressure in Acute Stroke. <i>Stroke</i> , 1997, 28, 2133-2138.   | 2.0  | 171       |
| 23 | A large, open source dataset of stroke anatomical brain images and manual lesion segmentations. <i>Scientific Data</i> , 2018, 5, 180011.   | 5.3  | 170       |
| 24 | Connectivity measures are robust biomarkers of cortical function and plasticity after stroke. <i>Brain</i> , 2015, 138, 2359-2369.  | 7.6  | 166       |
| 25 | Neuroplasticity and brain repair after stroke. <i>Current Opinion in Neurology</i> , 2008, 21, 76-82.   | 3.6  | 148       |
| 26 | Stem Cells as an Emerging Paradigm in Stroke 3. <i>Stroke</i> , 2014, 45, 634-639.  | 2.0  | 141       |
| 27 | Effects of motor imagery training after chronic, complete spinal cord injury. <i>Experimental Brain Research</i> , 2007, 177, 233-242.  | 1.5  | 137       |
| 28 | Moving rehabilitation research forward: Developing consensus statements for rehabilitation and recovery research. <i>International Journal of Stroke</i> , 2016, 11, 454-458.                                 | 5.9  | 137       |
| 29 | A Pilot Study of Somatotopic Mapping After Cortical Infarct. <i>Stroke</i> , 2000, 31, 668-671.   | 2.0  | 134       |
| 30 | Epidural Electrical Stimulation for Stroke Rehabilitation. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 107-119.  | 2.9  | 131       |
| 31 | Resting-state cortical connectivity predicts motor skill acquisition. <i>NeuroImage</i> , 2014, 91, 84-90.  | 4.2  | 127       |
| 32 | Patient-Reported Measures Provide Unique Insights Into Motor Function After Stroke. <i>Stroke</i> , 2013, 44, 1111-1116.  | 2.0  | 125       |
| 33 | Biomarkers of Stroke Recovery: Consensus-Based Core Recommendations from the Stroke Recovery and Rehabilitation Roundtable. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 864-876.                 | 2.9  | 124       |
| 34 | Phase I/II Study of Safety and Preliminary Efficacy of Intravenous Allogeneic Mesenchymal Stem Cells in Chronic Stroke. <i>Stroke</i> , 2019, 50, 2835-2841.  | 2.0  | 123       |
| 35 | Predicting Functional Gains in a Stroke Trial. <i>Stroke</i> , 2007, 38, 2108-2114.   | 2.0  | 112       |
| 36 | Vagus Nerve Stimulation Paired With Upper Limb Rehabilitation After Chronic Stroke. <i>Stroke</i> , 2018, 49, 2789-2792.  | 2.0  | 112       |

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|----|---|-----|-----------|
| 37 | Improved understanding of cortical injury by incorporating measures of functional anatomy. <i>Brain</i> , 2003, 126, 1650-1659.                           | 7.6 | 111       |
| 38 | Translational Stroke Research. <i>Stroke</i> , 2017, 48, 2632-2637.   | 2.0 | 108       |
| 39 | The Case for Modality-Specific Outcome Measures in Clinical Trials of Stroke Recovery-Promoting Agents. <i>Stroke</i> , 2007, 38, 1393-1395.              | 2.0 | 107       |
| 40 | Functional Imaging of Intervention Effects in Stroke Motor Rehabilitation. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 36-42.     | 0.9 | 98        |
| 41 | Stroke Recovery and Rehabilitation Research. <i>Stroke</i> , 2017, 48, 813-819.   | 2.0 | 98        |
| 42 | Anatomy and physiology predict response to motor cortex stimulation after stroke. <i>Neurology</i> , 2011, 77, 1076-1083.                                 | 1.1 | 97        |
| 43 | Somatotopy and movement representation sites following cortical stroke. <i>Experimental Brain Research</i> , 2006, 168, 25-32.                            | 1.5 | 92        |
| 44 | Utility of EEG measures of brain function in patients with acute stroke. <i>Journal of Neurophysiology</i> , 2016, 115, 2399-2405.                        | 1.8 | 90        |
| 45 | Moyamoya and Down Syndrome. <i>Stroke</i> , 1996, 27, 2131-2135.  | 2.0 | 84        |
| 46 | Chronic Stroke Outcome Measures for Motor Function Intervention Trials. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2015, 8, S163-9.        | 2.2 | 81        |
| 47 | Treatments to Promote Neural Repair after Stroke. <i>Journal of Stroke</i> , 2018, 20, 57-70.   | 3.2 | 79        |
| 48 | Somatosensory system integrity explains differences in treatment response after stroke. <i>Neurology</i> , 2019, 92, e1098-e1108.                         | 1.1 | 75        |
| 49 | Low-Frequency Oscillations Are a Biomarker of Injury and Recovery After Stroke. <i>Stroke</i> , 2020, 51, 1442-1450.                                      | 2.0 | 73        |
| 50 | Demystifying Poststroke Pain: From Etiology to Treatment. <i>PM and R</i> , 2017, 9, 63-75.   | 1.6 | 72        |
| 51 | Dopamine Genetic Risk Score Predicts Depressive Symptoms in Healthy Adults and Adults with Depression. <i>PLoS ONE</i> , 2014, 9, e93772.                 | 2.5 | 71        |
| 52 | Drugs to Enhance Motor Recovery After Stroke. <i>Stroke</i> , 2015, 46, 2998-3005.  | 2.0 | 70        |
| 53 | Corticospinal Tract Injury Estimated From Acute Stroke Imaging Predicts Upper Extremity Motor Recovery After Stroke. <i>Stroke</i> , 2019, 50, 3569-3577. | 2.0 | 70        |
| 54 | Motor cortex activation is preserved in patients with chronic hemiplegic stroke. <i>Annals of Neurology</i> , 2002, 52, 607-616.                          | 5.3 | 68        |

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|----|--|-----|-----------|
| 55 | New Directions in Treatments Targeting Stroke Recovery. <i>Stroke</i> , 2018, 49, 3107-3114.   | 2.0 | 67        |
| 56 | A qualitative study on user acceptance of a home-based stroke telerehabilitation system. <i>Topics in Stroke Rehabilitation</i> , 2020, 27, 81-92.   | 1.9 | 66        |
| 57 | Activity in the Peri-Infarct Rim in Relation to Recovery From Stroke. <i>Stroke</i> , 2006, 37, 111-115.   | 2.0 | 64        |
| 58 | Biomarkers and Predictors of Restorative Therapy Effects After Stroke. <i>Current Neurology and Neuroscience Reports</i> , 2013, 13, 329.  | 4.2 | 64        |
| 59 | A stroke recovery trial development framework: Consensus-based core recommendations from the Second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2019, 14, 792-802.   | 5.9 | 64        |
| 60 | Neuroimaging Identifies Patients Most Likely to Respond to a Restorative Stroke Therapy. <i>Stroke</i> , 2018, 49, 433-438.  | 2.0 | 55        |
| 61 | Biomarkers of recovery after stroke. <i>Current Opinion in Neurology</i> , 2008, 21, 654-659.  | 3.6 | 53        |
| 62 | Randomized, Placebo-Controlled, Double-Blind Study of Ropinirole in Chronic Stroke. <i>Stroke</i> , 2009, 40, 3034-3038.   | 2.0 | 53        |
| 63 | Colocalization of GLUT2 Glucose Transporter, Sodium/glucose Cotransporter, and $\hat{A}$ -Glutamyl Transpeptidase in Rat Kidney With Double-Peroxidase Immunocytochemistry. <i>Diabetes</i> , 1992, 41, 766-770. | 0.6 | 52        |
| 64 | Stratifying Patients With Stroke in Trials That Target Brain Repair. <i>Stroke</i> , 2010, 41, S114-6.   | 2.0 | 50        |
| 65 | Intense training overcomes effects of the val66met BDNF polymorphism on short-term plasticity. <i>Experimental Brain Research</i> , 2011, 213, 415-422.  | 1.5 | 45        |
| 66 | Setting the scene for the Second Stroke Recovery and Rehabilitation Roundtable. <i>International Journal of Stroke</i> , 2019, 14, 450-456.  | 5.9 | 44        |
| 67 | The Beta-hCG+Erythropoietin in Acute Stroke (BETAS) Study. <i>Stroke</i> , 2010, 41, 927-931.  | 2.0 | 43        |
| 68 | Brain-controlled functional electrical stimulation therapy for gait rehabilitation after stroke: a safety study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 57.                           | 4.6 | 43        |
| 69 | Brain Function Early after Stroke in Relation to Subsequent Recovery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004, 24, 756-763.  | 4.3 | 41        |
| 70 | The Volume of the Spleen and Its Correlates after Acute Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2958-2961.   | 1.6 | 41        |
| 71 | Cell Therapy for Chronic TBI. <i>Neurology</i> , 2021, 96, .   | 1.1 | 41        |
| 72 | Moving Rehabilitation Research Forward: Developing Consensus Statements for Rehabilitation and Recovery Research. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 694-698.                              | 2.9 | 40        |

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|----|--|-----|-----------|
| 73 | Predictors and Biomarkers of Treatment Gains in a Clinical Stroke Trial Targeting the Lower Extremity. <i>Stroke</i> , 2014, 45, 2379-2384.  | 2.0 | 39        |
| 74 | Finger strength, individuation, and their interaction: Relationship to hand function and corticospinal tract injury after stroke. <i>Clinical Neurophysiology</i> , 2018, 129, 797-808.          | 1.5 | 39        |
| 75 | A multimodal approach to understanding motor impairment and disability after stroke. <i>Journal of Neurology</i> , 2014, 261, 1178-1186.   | 3.6 | 38        |
| 76 | Role of corpus callosum integrity in arm function differs based on motor severity after stroke. <i>NeuroImage: Clinical</i> , 2017, 14, 641-647.   | 2.7 | 38        |
| 77 | Electroencephalography Measures are Useful for Identifying Large Acute Ischemic Stroke in the Emergency Department. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 2280-2286. | 1.6 | 35        |
| 78 | Age-related variability in performance of a motor action selection task is related to differences in brain function and structure among older adults. <i>NeuroImage</i> , 2014, 86, 326-334.     | 4.2 | 33        |
| 79 | BDNF Val66Met Polymorphism Is Related to Motor System Function After Stroke. <i>Physical Therapy</i> , 2016, 96, 533-539.  | 2.4 | 33        |
| 80 | Vagus Nerve Stimulation Paired With Upper-Limb Rehabilitation After Stroke: One-Year Follow-up. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 609-615.                                | 2.9 | 33        |
| 81 | Use of a robotic device to measure age-related decline in finger proprioception. <i>Experimental Brain Research</i> , 2016, 234, 83-93.  | 1.5 | 31        |
| 82 | Proof-of-Concept Randomized Trial of the Monoclonal Antibody GSK249320 Versus Placebo in Stroke Patients. <i>Stroke</i> , 2017, 48, 692-698.   | 2.0 | 31        |
| 83 | Safety, Pharmacokinetics, and Pharmacodynamics of Escalating Repeat Doses of GSK249320 in Patients With Stroke. <i>Stroke</i> , 2013, 44, 1337-1342.   | 2.0 | 28        |
| 84 | Electroencephalography Might Improve Diagnosis of Acute Stroke and Large Vessel Occlusion. <i>Stroke</i> , 2020, 51, 3361-3365.  | 2.0 | 27        |
| 85 | Predictors of Gains During Inpatient Rehabilitation in Patients with Stroke: A Review. <i>Critical Reviews in Physical and Rehabilitation Medicine</i> , 2013, 25, 203-221.                      | 0.1 | 26        |
| 86 | Human Choriogonadotropin and Epoetin Alfa in Acute Ischemic Stroke Patients (REGENESIS-LED Trial). <i>International Journal of Stroke</i> , 2014, 9, 321-327.                                    | 5.9 | 26        |
| 87 | Mapping individual brains to guide restorative therapy after stroke: Rationale and pilot studies. <i>Neurological Research</i> , 2003, 25, 811-814.  | 1.3 | 25        |
| 88 | Motor imagery during movement activates the brain more than movement alone after stroke: A pilot study. <i>Journal of Rehabilitation Medicine</i> , 2014, 46, 843-848.                           | 1.1 | 25        |
| 89 | Imaging in StrokeNet. <i>Stroke</i> , 2015, 46, 2000-2006.   | 2.0 | 25        |
| 90 | Predicting Gains With Visuospatial Training After Stroke Using an EEG Measure of Frontoparietal Circuit Function. <i>Frontiers in Neurology</i> , 2018, 9, 597.                                  | 2.4 | 24        |

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| 91  | A Stroke Recovery Trial Development Framework: Consensus-Based Core Recommendations from the Second Stroke Recovery and Rehabilitation Roundtable. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 959-969. | 2.9 | 24        |
| 92  | A Feasibility Study of Expanded Home-Based Telerehabilitation After Stroke. <i>Frontiers in Neurology</i> , 2020, 11, 611453.  | 2.4 | 24        |
| 93  | Functional connectivity drives stroke recovery: shifting the paradigm from correlation to causation. <i>Brain</i> , 2022, 145, 1211-1228.  | 7.6 | 24        |
| 94  | Paradoxical Emboli from Calf and Pelvic Veins in Cryptogenic Stroke. <i>Journal of Neuroimaging</i> , 2003, 13, 218-223.   | 2.0 | 23        |
| 95  | Dorsal premotor activity and connectivity relate to action selection performance after stroke. <i>Human Brain Mapping</i> , 2016, 37, 1816-1830.   | 3.6 | 23        |
| 96  | Altered organization of face processing networks in temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 762-771.  | 5.1 | 22        |
| 97  | Clinical Issues in Animal Models of Stroke and Rehabilitation. <i>ILAR Journal</i> , 2003, 44, 83-84.  | 1.8 | 21        |
| 98  | Increased prevalence of val66met BDNF genotype among subjects with cervical dystonia. <i>Neuroscience Letters</i> , 2010, 468, 42-45.  | 2.1 | 21        |
| 99  | A system for addressing incidental findings in neuroimaging research. <i>NeuroImage</i> , 2011, 55, 1020-1023.   | 4.2 | 21        |
| 100 | Domain-Specific Outcomes for Stroke Clinical Trials. <i>Neurology</i> , 2021, 97, 367-377.   | 1.1 | 21        |
| 101 | Functional magnetic resonance imaging in stroke recovery. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2003, 14, S47-S55.  | 1.3 | 19        |
| 102 | Pipeline for Analyzing Lesions After Stroke (PALS). <i>Frontiers in Neuroinformatics</i> , 2018, 12, 63.   | 2.5 | 19        |
| 103 | Neural Correlates of Passive Position Finger Sense After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2019, 33, 740-750.   | 2.9 | 19        |
| 104 | Changes in motor system function and recovery after stroke. <i>Restorative Neurology and Neuroscience</i> , 2004, 22, 231-8.   | 0.7 | 19        |
| 105 | An overview of therapies to promote repair of the brain after stroke. <i>Head and Neck</i> , 2011, 33, S5-7.   | 2.0 | 17        |
| 106 | Targeted engagement of a dorsal premotor circuit in the treatment of post-stroke paresis. <i>NeuroRehabilitation</i> , 2013, 33, 13-24.  | 1.3 | 17        |
| 107 | Clinical Performance Measures for Stroke Rehabilitation: Performance Measures From the American Heart Association/American Stroke Association. <i>Stroke</i> , 2021, 52, e675-e700.                                  | 2.0 | 17        |
| 108 | Biomarkers of Rehabilitation Therapy Vary according to Stroke Severity. <i>Neural Plasticity</i> , 2018, 2018, 1-8.  | 2.2 | 16        |

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|-----|---|-----|-----------|
| 109 | Cognitive Demands Influence Upper Extremity Motor Performance During Recovery From Acute Stroke. <i>Neurology</i> , 2021, 96, e2576-e2586.  | 1.1 | 16        |
| 110 | Coherent neural oscillations inform early stroke motor recovery. <i>Human Brain Mapping</i> , 2021, 42, 5636-5647.  | 3.6 | 16        |
| 111 | Effect of Overground Training Augmented by Mental Practice on Gait Velocity in Chronic, Incomplete Spinal Cord Injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2014, 95, 615-621.           | 0.9 | 15        |
| 112 | Social Network Structure Is Related to Functional Improvement From Home-Based Telerehabilitation After Stroke. <i>Frontiers in Neurology</i> , 2021, 12, 603767.  | 2.4 | 15        |
| 113 | Effects of Postinfarct Myelin-Associated Glycoprotein Antibody Treatment on Motor Recovery and Motor Map Plasticity in Squirrel Monkeys. <i>Stroke</i> , 2015, 46, 1620-1625.                                 | 2.0 | 14        |
| 114 | Study protocol for a pivotal randomised study assessing vagus nerve stimulation during rehabilitation for improved upper limb motor function after stroke. <i>European Stroke Journal</i> , 2019, 4, 363-377. | 5.5 | 14        |
| 115 | Damage to the structural connectome reflected in resting-state fMRI functional connectivity. <i>Network Neuroscience</i> , 2020, 4, 1197-1218.  | 2.6 | 14        |
| 116 | National Institutes of Health StrokeNet During the Time of COVID-19 and Beyond. <i>Stroke</i> , 2020, 51, 2580-2586.  | 2.0 | 13        |
| 117 | The Utility of Domain-Specific End Points in Acute Stroke Trials. <i>Stroke</i> , 2021, 52, 1154-1161.  | 2.0 | 13        |
| 118 | International stroke genetics consortium recommendations for studies of genetics of stroke outcome and recovery. <i>International Journal of Stroke</i> , 2022, 17, 260-268.                                  | 5.9 | 13        |
| 119 | Association of Modified Rankin Scale With Recovery Phenotypes in Patients With Upper Extremity Weakness After Stroke. <i>Neurology</i> , 2022, 98, .  | 1.1 | 13        |
| 120 | The EXCITE Trial. <i>Stroke</i> , 2007, 38, 2204-2205.  | 2.0 | 12        |
| 121 | Paradoxical visuomotor adaptation to reversed visual input is predicted by BDNF Val66Met polymorphism. <i>Journal of Vision</i> , 2014, 14, 4-4.  | 0.3 | 12        |
| 122 | Intense Arm Rehabilitation Therapy Improves the Modified Rankin Scale Score. <i>Neurology</i> , 2021, 96, e1812-e1822.  | 1.1 | 12        |
| 123 | Listening to Fluoxetine: A Hot Message from the FLAME Trial of Poststroke Motor Recovery. <i>International Journal of Stroke</i> , 2011, 6, 315-316.  | 5.9 | 11        |
| 124 | An exploratory data analysis of electroencephalograms using the functional boxplots approach. <i>Frontiers in Neuroscience</i> , 2015, 9, 282.  | 2.8 | 11        |
| 125 | Electroencephalographic connectivity measures predict learning of a motor sequencing task. <i>Journal of Neurophysiology</i> , 2018, 119, 490-498.  | 1.8 | 11        |
| 126 | Evolution of a US County System for Acute Comprehensive Stroke Care. <i>Stroke</i> , 2018, 49, 1217-1222.   | 2.0 | 10        |

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|-----|---|------|-----------|
| 127 | Issues important to the design of stroke recovery trials. <i>Lancet Neurology</i> , The, 2020, 19, 197-198.   | 10.2 | 10        |
| 128 | Corticospinal Tract Lesion Load Originating From Both Ventral Premotor and Primary Motor Cortices Are Associated With Post-stroke Motor Severity. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 179-182.                               | 2.9  | 10        |
| 129 | Observational Study of Neuroimaging Biomarkers of Severe Upper Limb Impairment After Stroke. <i>Neurology</i> , 2022, 99, .   | 1.1  | 10        |
| 130 | Methods for an International Randomized Clinical Trial to Investigate the Effect of Gsk249320 on Motor Cortex Neurophysiology using Transcranial Magnetic Stimulation in Survivors of Stroke. <i>Journal of Clinical Trials</i> , 2014, 04, 1-9.  | 0.1  | 9         |
| 131 | Timing of Readiness Potentials Reflect a Decision-making Process in the Human Brain. <i>Computational Brain &amp; Behavior</i> , 2021, 4, 264-283.  | 1.7  | 9         |
| 132 | Variability of the Modified Rankin Scale Score Between Day 90 and 1 Year After Ischemic Stroke. <i>Neurology: Clinical Practice</i> , 2021, 11, e239-e244.  | 1.6  | 8         |
| 133 | Genetic Factors, Brain Atrophy, and Response to Rehabilitation Therapy After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2022, 36, 131-139.  | 2.9  | 8         |
| 134 | Patent foramen ovale and its relationship to stroke. <i>Cardiology Clinics</i> , 2005, 23, 7-11.  | 2.2  | 7         |
| 135 | Use of Imaging in Restorative Stroke Trials. <i>Stroke</i> , 2009, 40, S28-9.   | 2.0  | 7         |
| 136 | Assessing acute psychological distress in the immediate aftermath of stroke. <i>European Journal of Cardiovascular Nursing</i> , 2018, 17, 186-189.   | 0.9  | 7         |
| 137 | Estimating minimal clinically important differences for two scales in patients with chronic traumatic brain injury. <i>Current Medical Research and Opinion</i> , 2020, 36, 1999-2007.  | 1.9  | 7         |
| 138 | Smaller spared subcortical nuclei are associated with worse post-stroke sensorimotor outcomes in 28 cohorts worldwide. <i>Brain Communications</i> , 2021, 3, fcb254.   | 3.3  | 7         |
| 139 | Patent Foramen Ovale and Stroke: Prognosis and Treatment in Young Adults. <i>Journal of Thrombosis and Thrombolysis</i> , 2005, 20, 85-91.  | 2.1  | 6         |
| 140 | GSK249320, A Monoclonal Antibody Against the Axon Outgrowth Inhibition Molecule Myelin-Associated Glycoprotein, Improves Outcome of Rodents with Experimental Stroke. <i>Journal of Neurology and Experimental Neuroscience</i> , 2016, 2, 28-33. | 0.1  | 6         |
| 141 | A Proposed Brain-, Spine-, and Mental- Health Screening Methodology (NEUROSCREEN) for Healthcare Systems: Position of the Society for Brain Mapping and Therapeutics. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-21.                       | 2.6  | 6         |
| 142 | Predicting motor gains with home-based telerehabilitation after stroke. <i>Journal of Telemedicine and Telecare</i> , 2023, 29, 799-807.  | 2.7  | 5         |
| 143 | Intense rehabilitation therapy produces very large gains in chronic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 497-497.   | 1.9  | 4         |
| 144 | Gains Across WHO Dimensions of Function After Robot-Based Therapy in Stroke Subjects. <i>Neurorehabilitation and Neural Repair</i> , 2020, 34, 1150-1158.   | 2.9  | 4         |

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|-----|--|------|-----------|
| 145 | Principles of Neural Repair and Their Application to Stroke Recovery Trials. <i>Seminars in Neurology</i> , 2021, 41, 157-166.   | 1.4  | 4         |
| 146 | Determining minimally clinically important differences for outcome measures in patients with chronic motor deficits secondary to traumatic brain injury. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 1051-1058.  | 2.8  | 4         |
| 147 | The Badges Program: A Self-Directed Learning Guide for Residents for Conducting Research and a Successful Peer-Reviewed Publication. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 2016, 12, 10443. | 1.2  | 4         |
| 148 | The role of goal adjustment during rehabilitation from stroke. <i>Applied Psychology: Health and Well-Being</i> , 2022, 14, 26-43.   | 3.0  | 3         |
| 149 | Improving Outcomes After Stroke By LEAPS (Locomotor Experience Applied Post-Stroke) and Bounds. <i>Stroke</i> , 2011, 42, 3659-3660.   | 2.0  | 2         |
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| 156 | Advances in Stroke Recovery Therapeutics. <i>Stroke</i> , 2022, 53, 260-263.   | 2.0  | 2         |
| 157 | Marrow Stromal Cell (MSC) Growth from Long Term Cryopreserved Bone Marrow.. <i>Blood</i> , 2006, 108, 5227-5227.   | 1.4  | 1         |
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