Andrew J Butler

List of Publications by Year
in descending order

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88	3,870	101543	128289
papers	citations	36 h-index	60 g-index

93	93	93	4715
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Observations on the ex situ perfusion of livers for transplantation. American Journal of Transplantation, 2018, 18, 2005-2020.	4.7	260
2	Variability of motor potentials evoked by transcranial magnetic stimulation depends on muscle activation. Experimental Brain Research, 2006, 174, 376-385.	1.5	191
3	Constraint-Induced Movement Therapy Results in Increased Motor Map Area in Subjects 3 to 9 Months After Stroke. Neurorehabilitation and Neural Repair, 2008, 22, 505-513.	2.9	190
4	Successful extracorporeal porcine liver perfusion for 72 hr1. Transplantation, 2002, 73, 1212-1218.	1.0	172
5	Cholangiocyte organoids can repair bile ducts after transplantation in the human liver. Science, 2021, 371, 839-846.	12.6	170
6	The MIQ-RS: A Suitable Option for Examining Movement Imagery Ability. Evidence-based Complementary and Alternative Medicine, 2010, 7, 249-257.	1.2	166
7	Mental Practice With Motor Imagery: Evidence for Motor Recovery and Cortical Reorganization After Stroke. Archives of Physical Medicine and Rehabilitation, 2006, 87, 2-11.	0.9	152
8	Quality-of-Life Change Associated With Robotic-Assisted Therapy to Improve Hand Motor Function in Patients With Subacute Stroke: A Randomized Clinical Trial. Physical Therapy, 2010, 90, 493-504.	2.4	146
9	Repetitive Task Practice: A Critical Review of Constraint-Induced Movement Therapy in Stroke. Neurologist, 2002, 8, 325-338.	0.7	129
10	A meta-analysis of the efficacy of anodal transcranial direct current stimulation for upper limb motor recovery in stroke survivors. Journal of Hand Therapy, 2013, 26, 162-171.	1.5	129
11	Brain effective connectivity during motor-imagery and execution following stroke and rehabilitation. NeuroImage: Clinical, 2015, 8, 572-582.	2.7	98
12	Maintaining the permanence principle for death during in situ normothermic regional perfusion for donation after circulatory death organ recovery: A United Kingdom and Canadian proposal. American Journal of Transplantation, 2020, 20, 2017-2025.	4.7	93
13	Putting the Brain on the Map: Use of Transcranial Magnetic Stimulation to Assess and Induce Cortical Plasticity of Upper-Extremity Movement. Physical Therapy, 2007, 87, 719-736.	2.4	90
14	Changes in Resting State Effective Connectivity in the Motor Network Following Rehabilitation of Upper Extremity Poststroke Paresis. Topics in Stroke Rehabilitation, 2009, 16, 270-281.	1.9	89
15	Intra-subject reliability of parameters contributing to maps generated by transcranial magnetic stimulation in able-bodied adults. Clinical Neurophysiology, 2004, 115, 1740-1747.	1.5	86
16	Altered resting-state effective connectivity of fronto-parietal motor control systems on the primary motor network following stroke. NeuroImage, 2012, 59, 227-237.	4.2	83
17	White Matter Integrity Is a Stronger Predictor of Motor Function Than BOLD Response in Patients With Stroke. Neurorehabilitation and Neural Repair, 2011, 25, 275-284.	2.9	82
18	The Effects of Constraint-Induced Therapy on Precision Grip: A Preliminary Study. Neurorehabilitation and Neural Repair, 2004, 18, 250-258.	2.9	77

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19	Transient Cold Storage Prior to Normothermic Liver Perfusion May Facilitate Adoption of a Novel Technology. Liver Transplantation, 2019, 25, 1503-1513.	2.4	63
20	Landscape Character Assessment as an Approach to Understanding Public Interests within the European Landscape Convention. Landscape Research, 2014, 39, 219-236.	1.6	58
21	Functional organization and restoration of the brain motor-execution network after stroke and rehabilitation. Frontiers in Human Neuroscience, 2015, 9, 173.	2.0	56
22	Functional magnetic resonance imaging and transcranial magnetic stimulation: Effects of motor imagery, movement and coil orientation. Clinical Neurophysiology, 2005, 116, 1601-1610.	1.5	52
23	The Movement Imagery Questionnaire-Revised, Second Edition (MIQ-RS) Is a Reliable and Valid Tool for Evaluating Motor Imagery in Stroke Populations. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-11.	1.2	52
24	Changes in Serial Optical Topography and TMS during Task Performance after Constraint-Induced Movement Therapy in Stroke: A Case Study. Neurorehabilitation and Neural Repair, 2004, 18, 95-105.	2.9	49
25	Finger extensor variability in TMS parameters among chronic stroke patients. Journal of NeuroEngineering and Rehabilitation, 2005, 2, 10.	4.6	49
26	Normothermic Regional Perfusion for Donation After Circulatory Death Without Prior Heparinization. Transplantation, 2014, 97, 1272-1278.	1.0	47
27	Effects of Aerobic Fitness on Aging-Related Changes of Interhemispheric Inhibition and Motor Performance. Frontiers in Aging Neuroscience, 2013, 5, 66.	3.4	46
28	The neural correlates of attempting to suppress negative versus neutral memories. Cognitive, Affective and Behavioral Neuroscience, 2010, 10, 182-194.	2.0	45
29	Intra- and Intersubject Reliability of Abductor Pollicis Brevis Muscle Motor Map Characteristics With Transcranial Magnetic Stimulation. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1670-1675.	0.9	44
30	Brain Activation in Primary Motor and Somatosensory Cortices during Motor Imagery Correlates with Motor Imagery Ability in Stroke Patients. ISRN Neurology, 2012, 2012, 1-17.	1.5	44
31	Expanding stroke telerehabilitation services to rural veterans: a qualitative study on patient experiences using the robotic stroke therapy delivery and monitoring system program. Disability and Rehabilitation: Assistive Technology, 2017, 12, 21-27.	2.2	44
32	Variations in soleus H-reflexes as a function of plantarflexion torque in man. Brain Research, 1993, 632, 95-104.	2.2	43
33	Neural mechanisms underlying reaching for remembered targets cued kinesthetically or visually in left or right hemispace. Human Brain Mapping, 2004, 21, 165-177.	3.6	43
34	Fractal dimension assessment of brain white matter structural complexity post stroke in relation to upper-extremity motor function. Brain Research, 2008, 1228, 229-240.	2.2	43
35	Repetitive Task Practice: A Critical Review of Constraint-Induced Movement Therapy in Stroke. Neurologist, 2002, 8, 325-338.	0.7	42
36	Differential patterns of cortical reorganization following constraint-induced movement therapy during early and late period after stroke: A preliminary study. NeuroRehabilitation, 2014, 35, 415-426.	1.3	41

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37	Oscillatory motor network activity during rest and movement: an fNIRS study. Frontiers in Systems Neuroscience, 2014, 8, 13.	2.5	40
38	Motor map reliability and aging: a TMS/fMRI study. Experimental Brain Research, 2012, 219, 97-106.	1.5	38
39	Enhanced Multisensory Integration and Motor Reactivation after Active Motor Learning of Audiovisual Associations. Journal of Cognitive Neuroscience, 2011, 23, 3515-3528.	2.3	36
40	Mirror apraxia affects the peripersonal mirror space. A combined lesion and cerebral activation study. Experimental Brain Research, 2003, 153, 210-219.	1.5	27
41	Attempting to Improve Function and Quality of Life Using the FTM Protocol. Journal of Neurologic Physical Therapy, 2006, 30, 148-156.	1.4	27
42	Contemporary linkages between EMG, kinetics and stroke rehabilitation. Journal of Electromyography and Kinesiology, 2005, 15, 229-239.	1.7	26
43	Active Learning of Novel Sound-producing Objects: Motor Reactivation and Enhancement of Visuo-motor Connectivity. Journal of Cognitive Neuroscience, 2013, 25, 203-218.	2.3	25
44	Dominance of the Unaffected Hemisphere Motor Network and Its Role in the Behavior of Chronic Stroke Survivors. Frontiers in Human Neuroscience, 2016, 10, 650.	2.0	25
45	Efficacy of Controlled Whole-Body Vibration Training on Improving Fall Risk Factors in Stroke Survivors: A Meta-analysis. Neurorehabilitation and Neural Repair, 2020, 34, 275-288.	2.9	23
46	Visual cortex activation in kinesthetic guidance of reaching. Experimental Brain Research, 2007, 179, 607-619.	1.5	22
47	Assessment and Management of HIV-Associated Cognitive Impairment: Experience from a Multidisciplinary Memory Service for People Living with HIV. Brain Sciences, 2019, 9, 37.	2.3	22
48	Enhanced corticospinal excitability with physiologically heightened sympathetic nerve activity. Journal of Applied Physiology, 2013, 114, 429-435.	2.5	21
49	Disordered sensorimotor transformations for reaching following posterior cortical lesions. Neuropsychologia, 2001, 39, 237-254.	1.6	19
50	Aging, Aerobic Activity and Interhemispheric Communication. Brain Sciences, 2012, 2, 634-648.	2.3	19
51	In situ normothermic regional perfusion versus ex situ normothermic machine perfusion in liver transplantation from donation after circulatory death. Liver Transplantation, 2022, 28, 1716-1725.	2.4	19
52	Transcranial magnetic stimulation to assess cortical plasticity: a critical perspective for stroke rehabilitation. Journal of Rehabilitation Medicine, 2003, 35, 20-26.	1.1	18
53	Reliability of negative BOLD in ipsilateral sensorimotor areas during unimanual task activity. Brain Imaging and Behavior, 2015, 9, 245-254.	2.1	16
54	The relevance of aging-related changes in brain function to rehabilitation in aging-related disease. Frontiers in Human Neuroscience, 2015, 9, 307.	2.0	15

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55	Renal transplantation during the SARSâ€CoVâ€2 pandemic in the UK: Experience from a largeâ€volume center. Clinical Transplantation, 2021, 35, e14150.	1.6	15
56	A single-centre experience of Roux-en-Y enteric drainage for pancreas transplantation. Transplant International, 2017, 30, 410-419.	1.6	14
57	Interventions for preventing falls in people post-stroke: A meta-analysis of randomized controlled trials. Gait and Posture, 2021, 84, 377-388.	1.4	14
58	Use of ex vivo normothermic machine perfusion after normothermic regional perfusion to salvage a poorly perfused DCD kidney. American Journal of Transplantation, 2019, 19, 3415-3419.	4.7	13
59	Tongue-controlled robotic rehabilitation: A feasibility study in people with stroke. Journal of Rehabilitation Research and Development, 2016, 53, 989-1006.	1.6	11
60	Urgent Multivisceral Transplantation for Widespread Splanchnic Ischemia. Journal of the American College of Surgeons, 2016, 222, 760-765.	0.5	11
61	Direct Procurement of Donor Heart With Normothermic Regional Perfusion of Abdominal Organs. Annals of Thoracic Surgery, 2019, 108, 597-600.	1.3	10
62	Ureteric complications in recipients of kidneys from donation after circulatory death donors. Clinical Transplantation, 2017, 31, e12912.	1.6	9
63	Randomized, Placebo-Controlled, Double-Blind Pilot Study of D-Cycloserine in Chronic Stroke. Rehabilitation Research and Practice, 2015, 2015, 1-14.	0.6	8
64	Motor cortical disinhibition with baroreceptor unloading induced by orthostatic stress. Journal of Neurophysiology, 2014, 111, 2656-2664.	1.8	7
65	Improving Upper Extremity Function and Quality of Life with a Tongue Driven Exoskeleton: A Pilot Study Quantifying Stroke Rehabilitation. Stroke Research and Treatment, 2017, 2017, 1-13.	0.8	7
66	Telerehabilitation Robotics: Overview of approaches and clinical outcomes. , 2018, , 333-346.		5
67	Machine Perfusionâ€"Leaving Its Mark on Liver Transplantation. Transplantation, 2021, 105, e28-e29.	1.0	5
68	An apparatus for improving upper limb function by engaging synchronous tongue motion. , 2013, , .		4
69	Enhancements of a tongue-operated robotic rehabilitation system. , 2015, , .		4
70	Decline in renal function following intestinal transplant: is the die cast at 3Âmonths?. Clinical Transplantation, 2021, 35, e14249.	1.6	4
71	Design and Preliminary Evaluation of a Tongue-Operated Exoskeleton System for Upper Limb Rehabilitation. International Journal of Environmental Research and Public Health, 2021, 18, 8708.	2.6	4
72	Assessing Lowâ€frequency Repetitive Transcranial Magnetic Stimulation with Functional Magnetic Resonance Imaging: A Case Series. Physiotherapy Research International, 2014, 19, 117-125.	1.5	2

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73	Developing a Tongue Controlled Exoskeleton for a Wrist Tracking Exercise: A Preliminary Study1. Journal of Medical Devices, Transactions of the ASME, 2015, 9, .	0.7	2
74	Editorial: Mental practice: clinical and experimental research in imagery and action observation. Frontiers in Human Neuroscience, 2015, 9, 573.	2.0	2
75	Effect of Home-Based Rehabilitation on Access to Cost Effective Therapy for Rural Veteran Stroke Survivors. Archives of Physical Medicine and Rehabilitation, 2017, 98, e58-e59.	0.9	2
76	Simultaneous Intestinal and Kidney Transplantation in Adults. Journal of Investigative Surgery, 2019, 32, 283-289.	1.3	2
77	Looking through a new lens, exploring the interdependent relationship between interprofessional education and collaborative practice with Polarity Thinking^{TM}. Journal of Interprofessional Care, 2020, 34, 822-825.	1.7	2
78	Use of a doubleâ€ stent during ex vivo normothermic machine perfusion of human kidneys. American Journal of Transplantation, 2020, 20, 1754-1755.	4.7	2
79	Delayed dynamic abdominal wall closure following multi-visceral transplantation. International Journal of Surgery Case Reports, 2014, 5, 988-991.	0.6	1
80	Combining Robotic & Assistive Technologies To Improve Outcomes: A Pilot Study Quantifying Stroke Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2017, 98, e45-e46.	0.9	1
81	Preliminary Evaluation of a Tongue-Operated Exoskeleton for Post-Stroke Upper Limb Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2017, 98, e163.	0.9	1
82	Improving Upper Extremity Impairments with Tongue Driven Robotic Assisted Rehabilitation: A Pilot Study. Biosystems and Biorobotics, 2017, , 1181-1186.	0.3	1
83	Increasing access to cost effective home-based robotic telerehabilitation for stroke survivors. , 2017, , .		1
84	The â€œState of Implementationâ€•Progress Report (SIPREP): a pilot demonstration of a navigation system for implementation. Implementation Science Communications, 2020, 1, 102.	2.2	1
85	The 6 C's of Normothermic Regional Perfusion. Progress in Transplantation, 2022, 32, 192-193.	0.7	1
86	A Need for Clarification. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1674.	0.9	0
87	Expanding collaborative technologies in rural veteran health care using tele-robotic stroke therapy delivery and monitoring systems. , 2015, , .		0
88	Quantifying Stroke Rehabilitation Dose-Response: A Systematic-Review and Meta-Analysis Using Active Dose. Archives of Physical Medicine and Rehabilitation, 2019, 100, e216-e217.	0.9	0