

# Alexander V Nowicky

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,507  
citations

279487

23  
h-index

315357

38  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulating eating behavior with transcranial direct current stimulation (tDCS): A systematic literature review on the impact of eating behavior traits. <i>Obesity Reviews</i> , 2022, 23, e13364.	3.1	7
2	Safety, feasibility, acceptability and preliminary effects of the Neurofenix platform for Rehabilitation via HOME Based gaming exercise for the Upper-limb post Stroke (RHOMBUS): results of a feasibility intervention study. <i>BMJ Open</i> , 2022, 12, e052555.	0.8	3
3	Effective Transcranial Direct Current Stimulation Parameters for the Modulation of Eating Behavior: A Systematic Literature Review and Meta-Analysis. <i>Psychosomatic Medicine</i> , 2022, 84, 646-657.	1.3	3
4	Ready Exerciser One : Effects of music and virtual reality on cycle ergometer exercise. <i>British Journal of Health Psychology</i> , 2021, 26, 15-32.	1.9	16
5	The effect of transcranial direct current stimulation (tDCS) on food craving, reward and appetite in a healthy population. <i>Appetite</i> , 2021, 157, 105004.	1.8	10
6	Does sonification of action simulation training impact corticospinal excitability and audiomotor plasticity?. <i>Experimental Brain Research</i> , 2021, 239, 1489-1505.	0.7	6
7	Sonification of combined action observation and motor imagery: Effects on corticospinal excitability. <i>Brain and Cognition</i> , 2021, 152, 105768.	0.8	12
8	Dynamic task observation: A gaze-mediated complement to traditional action observation treatment?. <i>Behavioural Brain Research</i> , 2020, 379, 112351.	1.2	1
9	Reliability, validity and minimal detectable change of the Mini-BESTest in Greek participants with chronic stroke. <i>Physiotherapy Theory and Practice</i> , 2019, 35, 171-182.	0.6	21
10	The feasibility, acceptability and preliminary efficacy of a low-cost, virtual-reality based, upper-limb stroke rehabilitation device: a mixed methods study. <i>Disability and Rehabilitation</i> , 2019, 41, 2119-2134.	0.9	37
11	Effects of auditory distraction on voluntary movements: exploring the underlying mechanisms associated with parallel processing. <i>Psychological Research</i> , 2018, 82, 720-733.	1.0	21
12	Rehabilitation via HOME Based gaming exercise for the Upper-limb post Stroke (RHOMBUS): protocol of an intervention feasibility trial. <i>BMJ Open</i> , 2018, 8, e026620.	0.8	21
13	Cerebral effects of music during isometric exercise: An fMRI study. <i>International Journal of Psychophysiology</i> , 2018, 133, 131-139.	0.5	31
14	Effects of auditory stimuli on electrical activity in the brain during cycle ergometry. <i>Physiology and Behavior</i> , 2017, 177, 135-147.	1.0	57
15	Motor resonance during action observation is gaze-contingent: A TMS study. <i>Neuropsychologia</i> , 2017, 103, 77-86.	0.7	26
16	The Effects of Direct Current Stimulation on Exercise Performance, Pacing and Perception in Temperate and Hot Environments. <i>Brain Stimulation</i> , 2016, 9, 842-849.	0.7	51
17	Cerebral mechanisms underlying the effects of music during a fatiguing isometric ankle dorsiflexion task. <i>Psychophysiology</i> , 2016, 53, 1472-1483.	1.2	40
18	Prospective Relationship between Hemispheric Lateralisation and CD4+ T Cells in Human Immunodeficiency Virus Type 1. <i>NeuroImmunoModulation</i> , 2014, 21, 31-36.	0.9	2

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19	Perception of Effort Changes Following an Isometric Fatiguing Exercise of Elbow Flexors. <i>Motor Control</i> , 2014, 18, 146-164.	0.3	9
20	A New Method for Tracking of Motor Skill Learning Through Practical Application of Fitts's Law. <i>Journal of Motor Behavior</i> , 2013, 45, 181-193.	0.5	6
21	The Effect of Transcranial Direct Current Stimulation on Perception of Effort in an Isolated Isometric Elbow Flexion Task. <i>Motor Control</i> , 2013, 17, 412-426.	0.3	29
22	The relation between hemispheric lateralisation and measures of immune competence and adherence in Human Immunodeficiency Virus Type 1 (HIV-1). <i>Retrovirology</i> , 2012, 9, .	0.9	0
23	Evaluation of the Numeric Rating Scale for perception of effort during isometric elbow flexion exercise. <i>European Journal of Applied Physiology</i> , 2012, 112, 1167-1175.	1.2	18
24	Magnetic versus electrical stimulation in the interpolation twitch technique of elbow flexors. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 709-18.	0.7	5
25	Hemispheric lateralisation and immune function: A systematic review of human research. <i>Journal of Neuroimmunology</i> , 2011, 240-241, 1-12.	1.1	24
26	Effect of low frequency somatosensory rTMS on motor cortical excitability following mirror drawing practice. <i>Brain Stimulation</i> , 2008, 1, 242.	0.7	0
27	Influence of acute inspiratory loading upon diaphragm motor-evoked potentials in healthy humans. <i>Journal of Applied Physiology</i> , 2007, 102, 1883-1890.	1.2	29
28	Diaphragm and intercostal surface EMG and muscle performance after acute inspiratory muscle loading. <i>Respiratory Physiology and Neurobiology</i> , 2007, 155, 213-219.	0.7	57
29	Mapping the cortical representation of the lumbar paravertebral muscles. <i>Clinical Neurophysiology</i> , 2007, 118, 2451-2455.	0.7	40
30	Corticomotor excitability contributes to neuromuscular fatigue following marathon running in man. <i>Experimental Physiology</i> , 2007, 92, 417-426.	0.9	69
31	Inspiratory Mouth Pressures And Motor Evoked Potentials Following Non-fatiguing Inspiratory Loading. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S333.	0.2	0
32	Inspiratory Mouth Pressures And Motor Evoked Potentials Following Non-fatiguing Inspiratory Loading. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S333.	0.2	0
33	The impact of ergometer design on hip and trunk muscle activity patterns in elite rowers: an electromyographic assessment. <i>Journal of Sports Science and Medicine</i> , 2005, 4, 18-28.	0.7	17
34	Human corticospinal excitability in microgravity and hypergravity during parabolic flight. <i>Aviation, Space, and Environmental Medicine</i> , 2004, 75, 359-63.	0.6	15
35	Deficit in motor performance correlates with changed corticospinal excitability in patients with chronic fatigue syndrome. <i>International Journal of Clinical Practice</i> , 2003, 57, 262-4.	0.8	6
36	Activation of Back Muscles During Voluntary Abduction of the Contralateral Arm in Humans. <i>Spine</i> , 2002, 27, 1355-1360.	1.0	27

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37	Segmental Recording of Cortical Motor Evoked Potentials from Thoracic Paravertebral Myotomes in Complete Spinal Cord Injury. <i>Spine</i> , 2002, 27, 1438-1443.	1.0	32
38	Voluntary motor function in patients with chronic fatigue syndrome. <i>Journal of Psychosomatic Research</i> , 2001, 50, 17-20.	1.2	14
39	Do oarsmen have asymmetries in the strength of their back and leg muscles?. <i>Journal of Sports Sciences</i> , 2001, 19, 521-526.	1.0	60
40	Corticospinal Control of Human Erector Spinae Muscles. <i>Motor Control</i> , 2001, 5, 270-280.	0.3	36
41	Corticospinal Facilitation Studied During Voluntary Contraction of Human Abdominal Muscles. <i>Experimental Physiology</i> , 2001, 86, 131-136.	0.9	33
42	Somatotopy of Perceptual Threshold to Cutaneous Electrical Stimulation in Man. <i>Experimental Physiology</i> , 2001, 86, 127-130.	0.9	43
43	Corticospinal Inhibition Appears Normal in Patients with Chronic Fatigue Syndrome. <i>Experimental Physiology</i> , 2001, 86, 547-550.	0.9	6
44	Changes in $[Ca^{2+}]_i$ and membrane currents during impaired mitochondrial metabolism in dissociated rat hippocampal neurons. <i>Journal of Physiology</i> , 1998, 507, 131-145.	1.3	78
45	Characterization of $Ca^{2+}$ -activated $Ca^{2+}$ fluxes in rat C6 glioma cells: a system for identifying novel $Ca^{2+}$ -channel toxins. <i>British Journal of Pharmacology</i> , 1996, 117, 479-487.	2.7	16
46	The relationship between mitochondrial state, ATP hydrolysis, $[Mg^{2+}]_i$ and $[Ca^{2+}]_i$ studied in isolated rat cardiomyocytes. <i>Journal of Physiology</i> , 1996, 496, 111-128.	1.3	203
47	The development of GABAB-mediated activity in the rat dentate gyrus. <i>Developmental Brain Research</i> , 1994, 77, 295-298.	2.1	29
48	Intracellular calcium and mitochondrial function in cell physiology and pathophysiology. <i>Pathophysiology</i> , 1994, 1, 126.	1.0	0
49	The postsynaptic induction of nonassociative long-term depression of excitatory synaptic transmission in rat hippocampal slices. <i>Journal of Neurophysiology</i> , 1993, 69, 219-229.	0.9	56
50	The nitric oxide synthase inhibitor, N-monomethyl-L-arginine blocks induction of a long-term potentiation-like phenomenon in rat medial frontal cortical neurons in vitro. <i>Journal of Neurophysiology</i> , 1993, 70, 1255-1259.	0.9	59
51	Investigation of $\beta^2$ -adrenergic modulation of synaptic transmission and postsynaptic induction of associative LTP in layer V neurones in slices of rat sensorimotor cortex. <i>Neuroscience Letters</i> , 1992, 137, 270-273.	1.0	28
52	A slice preparation preserving the callosal projection to contralateral visual cortex. <i>Journal of Neuroscience Methods</i> , 1990, 33, 171-178.	1.3	3
53	The modulation of long-term potentiation by delta-9-tetrahydrocannabinol in the rat hippocampus, in vitro. <i>Brain Research Bulletin</i> , 1987, 19, 663-672.	1.4	95