

# James J P Alix

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

740  
citations

623188

14  
h-index

580395

25  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinnervation as measured by the motor unit size index is associated with preservation of muscle strength in amyotrophic lateral sclerosis, but not all muscles reinnervate. <i>Muscle and Nerve</i> , 2022, 65, 203-210.	1.0	6
2	The application of Raman spectroscopy to the diagnosis of mitochondrial muscle disease: A preliminary comparison between fibre optic probe and microscope formats. <i>Journal of Raman Spectroscopy</i> , 2022, 53, 172-181.	1.2	5
3	Rapid identification of human muscle disease with fibre optic Raman spectroscopy. <i>Analyst</i> , The, 2022, 147, 2533-2540.	1.7	9
4	Tensor electrical impedance myography identifies bulbar disease progression in amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2022, 139, 69-75.	0.7	3
5	Fiber optic Raman spectroscopy for the evaluation of disease state in Duchenne muscular dystrophy: An assessment using the <i>mdx</i> model and human muscle. <i>Muscle and Nerve</i> , 2022, 66, 362-369.	1.0	4
6	Monitoring of hand function enabled by low complexity sensors printed on textile. <i>Flexible and Printed Electronics</i> , 2022, 7, 035003.	1.5	4
7	Simultaneous ALS and SCA2 associated with an intermediate-length <i>ATXN2</i> CAG-repeat expansion. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021, 22, 579-582.	1.1	13
8	Circuit Architecture for Electrical Impedance Spectroscopy Instrumentation to Address Electrode Impedance Mismatch in Clinical Devices. <i>IEEE Sensors Journal</i> , 2021, 21, 22258-22269.	2.4	3
9	The Lost Tribe: The Importance of Health Care Staff and Service Design During COVID-19. <i>Disaster Medicine and Public Health Preparedness</i> , 2021, , 1-2.	0.7	0
10	Knowledge and attitudes of critical care providers towards neurophysiological monitoring, seizure diagnosis, and treatment. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 976-983.	1.1	8
11	<i>In Vivo</i> Fiber Optic Raman Spectroscopy of Muscle in Preclinical Models of Amyotrophic Lateral Sclerosis and Duchenne Muscular Dystrophy. <i>ACS Chemical Neuroscience</i> , 2021, 12, 1768-1776.	1.7	12
12	The GLP-1 receptor agonist, liraglutide, fails to slow disease progression in SOD1G93A and TDP-43Q331K transgenic mouse models of ALS. <i>Scientific Reports</i> , 2021, 11, 17027.	1.6	5
13	Extensive phenotypic characterisation of a human TDP-43Q331K transgenic mouse model of amyotrophic lateral sclerosis (ALS). <i>Scientific Reports</i> , 2021, 11, 16659.	1.6	12
14	Tensor electrical impedance myography identifies clinically relevant features in amyotrophic lateral sclerosis. <i>Physiological Measurement</i> , 2021, 42, 105004.	1.2	4
15	Longitudinal multi-modal muscle-based biomarker assessment in motor neuron disease. <i>Journal of Neurology</i> , 2020, 267, 244-256.	1.8	15
16	Female sex mitigates motor and behavioural phenotypes in TDP-43Q331K knock-in mice. <i>Scientific Reports</i> , 2020, 10, 19220.	1.6	9
17	Multi-dimensional electrical impedance myography of the tongue as a potential biomarker for amyotrophic lateral sclerosis. <i>Clinical Neurophysiology</i> , 2020, 131, 799-808.	0.7	16
18	Investigating and managing neonatal seizures in the UK: an explanatory sequential mixed methods approach. <i>BMC Pediatrics</i> , 2020, 20, 36.	0.7	10

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19	Modelling and analysis of electrical impedance myography of the lateral tongue. <i>Physiological Measurement</i> , 2020, 41, 125008.	1.2	6
20	Sleep deprivation and melatonin for inducing sleep in paediatric electroencephalography: a prospective multicentre service evaluation. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 181-185.	1.1	10
21	Holocord syrinx presenting with foot drop. <i>Journal of Surgical Case Reports</i> , 2019, 2019, rjz082.	0.2	4
22	Biomarkers in Motor Neuron Disease: A State of the Art Review. <i>Frontiers in Neurology</i> , 2019, 10, 291.	1.1	87
23	Assessment of the reliability of the motor unit size index (MUSIX) in single subject "round-robin" and multi-centre settings. <i>Clinical Neurophysiology</i> , 2019, 130, 666-674.	0.7	13
24	Can neonatal staff site EEG leads in the correct position? A pilot study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F190-F190.	1.4	0
25	Imaging muscle as a potential biomarker of denervation in motor neuron disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 248-255.	0.9	41
26	Home video telemetry in children: A comparison to inpatient video telemetry. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 61, 209-213.	0.9	11
27	An introduction to neonatal EEG. <i>Paediatrics and Child Health (United Kingdom)</i> , 2017, 27, 135-142.	0.2	8
28	Variable sensory nerve conduction parameters in late onset Friedreich ataxia. <i>Muscle and Nerve</i> , 2017, 55, E7-E8.	1.0	1
29	The role of cranial and thoracic electromyography within diagnostic criteria for amyotrophic lateral sclerosis. <i>Muscle and Nerve</i> , 2016, 54, 378-385.	1.0	6
30	Sensory Ganglionopathy and the Blink Reflex: Electrophysiological Features. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, 385-389.	0.3	6
31	Quality Control of Motor Unit Number Index (MUNIX) Measurements in 6 Muscles in a Single-Subject "Round-Robin" Setup. <i>PLoS ONE</i> , 2016, 11, e0153948.	1.1	40
32	Sensory ganglionopathy with livedoid vasculopathy controlled by immunotherapy. <i>Muscle and Nerve</i> , 2015, 51, 296-301.	1.0	9
33	Neonatal seizures"part 1: Not everything that jerks, stiffens and shakes is a fit. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2015, 100, 170-175.	0.3	5
34	Neonatal seizures"part 2: Aetiology of acute symptomatic seizures, treatments and the neonatal epilepsy syndromes. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2015, 100, 226-232.	0.3	22
35	Thyroid Disease and the Nervous System. , 2014, , 329-350.		0
36	The value of long term EEG monitoring in children: A comparison of ambulatory EEG and video telemetry. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 662-665.	0.9	21

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37	The value of home video with ambulatory EEG: A prospective service review. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 480-482.	0.9	48
38	Autologous hematopoietic stem cell transplantation following pulsed cyclophosphamide in a severely disabled patient with malignant multiple sclerosis. <i>Journal of Neurology</i> , 2013, 260, 914-916.	1.8	11
39	Delayed toxic hypoxic encephalopathy. <i>Practical Neurology</i> , 2013, 13, 114-119.	0.5	6
40	Central axons preparing to myelinate are highly sensitivity to ischemic injury. <i>Annals of Neurology</i> , 2012, 72, 936-951.	2.8	39
41	Breathing arms. <i>Spine Journal</i> , 2012, 12, 629-630.	0.6	0
42	Complex partial seizures: Going out with a hiccup. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012, 21, 820-822.	0.9	6
43	White matter synapses. <i>Neurology</i> , 2011, 76, 397-404.	1.5	50
44	Clinician-scientist training: A perspective from across the pond. <i>Annals of Neurology</i> , 2010, 68, 119-120.	2.8	0
45	Glutamate receptor-mediated ischemic injury of premyelinated central axons. <i>Annals of Neurology</i> , 2009, 66, 682-693.	2.8	50
46	Functional glutamate transport in rodent optic nerve axons and glia. <i>Glia</i> , 2008, 56, 1353-1367.	2.5	38
47	Vesicular apparatus, including functional calcium channels, are present in developing rodent optic nerve axons and are required for normal node of Ranvier formation. <i>Journal of Physiology</i> , 2008, 586, 4069-4089.	1.3	47
48	Recent Biochemical Advances in White Matter Ischaemia. <i>European Neurology</i> , 2006, 56, 74-77.	0.6	16