

# Zane Jaunmuktane

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1311572/publications.pdf>

Version: 2024-02-01

122  
papers

7,292  
citations

101384

36  
h-index

64668

79  
g-index

134  
all docs

134  
docs citations

134  
times ranked

11307  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018, 555, 469-474.	13.7	1,872
2	Amyloid $\beta$ oligomers constrict human capillaries in Alzheimer's disease via signaling to pericytes. <i>Science</i> , 2019, 365, .	6.0	436
3	Evidence for human transmission of amyloid- $\beta$ pathology and cerebral amyloid angiopathy. <i>Nature</i> , 2015, 525, 247-250.	13.7	418
4	Biallelic expansion of an intronic repeat in RFC1 is a common cause of late-onset ataxia. <i>Nature Genetics</i> , 2019, 51, 649-658.	9.4	338
5	Sarcoma classification by DNA methylation profiling. <i>Nature Communications</i> , 2021, 12, 498.	5.8	237
6	Genome sequencing analysis identifies new loci associated with Lewy body dementia and provides insights into its genetic architecture. <i>Nature Genetics</i> , 2021, 53, 294-303.	9.4	198
7	Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. <i>Acta Neuropathologica</i> , 2018, 136, 273-291.	3.9	190
8	Genetic and phenotypic characterization of complex hereditary spastic paraplegia. <i>Brain</i> , 2016, 139, 1904-1918.	3.7	170
9	The Boston criteria version 2.0 for cerebral amyloid angiopathy: a multicentre, retrospective, MRI-based neuropathology diagnostic accuracy study. <i>Lancet Neurology</i> , The, 2022, 21, 714-725.	4.9	168
10	White matter perivascular spaces. <i>Neurology</i> , 2014, 82, 57-62.	1.5	151
11	Cerebellar ataxia, neuropathy, vestibular areflexia syndrome due to RFC1 repeat expansion. <i>Brain</i> , 2020, 143, 480-490.	3.7	140
12	Variant Creutzfeldt-Jakob Disease in a Patient with Heterozygosity at <i>PRNP</i> Codon 129. <i>New England Journal of Medicine</i> , 2017, 376, 292-294.	13.9	127
13	Molecularly defined diffuse leptomeningeal glioneuronal tumor (DLGNT) comprises two subgroups with distinct clinical and genetic features. <i>Acta Neuropathologica</i> , 2018, 136, 239-253.	3.9	118
14	Methylation array profiling of adult brain tumours: diagnostic outcomes in a large, single centre. <i>Acta Neuropathologica Communications</i> , 2019, 7, 24.	2.4	101
15	Diagnosis Across the Spectrum of Progressive Supranuclear Palsy and Corticobasal Syndrome. <i>JAMA Neurology</i> , 2020, 77, 377.	4.5	94
16	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. <i>Journal of Clinical Oncology</i> , 2021, 39, 3839-3852.	0.8	93
17	Extended phenotypic spectrum of <i>KIF5A</i> mutations. <i>Neurology</i> , 2014, 83, 612-619.	1.5	92
18	Iatrogenic CJD due to pituitary-derived growth hormone with genetically determined incubation times of up to 40 years. <i>Brain</i> , 2015, 138, 3386-3399.	3.7	92

#	ARTICLE	IF	CITATIONS
19	Microvascular injury and hypoxic damage: emerging neuropathological signatures in COVID-19. <i>Acta Neuropathologica</i> , 2020, 140, 397-400.	3.9	85
20	Isomorphic diffuse glioma is a morphologically and molecularly distinct tumour entity with recurrent gene fusions of MYBL1 or MYB and a benign disease course. <i>Acta Neuropathologica</i> , 2020, 139, 193-209.	3.9	83
21	Evidence of amyloid- $\beta$ cerebral amyloid angiopathy transmission through neurosurgery. <i>Acta Neuropathologica</i> , 2018, 135, 671-679.	3.9	80
22	Truncating and Missense Mutations in IGHMBP2 Cause Charcot-Marie Tooth Disease Type 2. <i>American Journal of Human Genetics</i> , 2014, 95, 590-601.	2.6	75
23	Invited Review: The role of prion-like mechanisms in neurodegenerative diseases. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 522-545.	1.8	72
24	Clinical, pathological and functional characterization of riboflavin-responsive neuropathy. <i>Brain</i> , 2017, 140, 2820-2837.	3.7	64
25	World Health Organization Grade II/III Glioma Molecular Status: Prediction by MRI Morphologic Features and Apparent Diffusion Coefficient. <i>Radiology</i> , 2020, 296, 111-121.	3.6	62
26	Genetic determinants of survival in progressive supranuclear palsy: a genome-wide association study. <i>Lancet Neurology</i> , The, 2021, 20, 107-116.	4.9	62
27	Hereditary leukoencephalopathy with axonal spheroids: a spectrum of phenotypes from CNS vasculitis to parkinsonism in an adult onset leukodystrophy series. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 512-519.	0.9	58
28	Prion disease: experimental models and reality. <i>Acta Neuropathologica</i> , 2017, 133, 197-222.	3.9	54
29	Early onset cerebral amyloid angiopathy following childhood exposure to cadaveric dura. <i>Annals of Neurology</i> , 2019, 85, 284-290.	2.8	54
30	Inflammatory demyelination without astrocyte loss in MOG antibody-positive NMOSD. <i>Neurology</i> , 2016, 87, 229-231.	1.5	47
31	Bi-allelic JAM2 Variants Lead to Early-Onset Recessive Primary Familial Brain Calcification. <i>American Journal of Human Genetics</i> , 2020, 106, 412-421.	2.6	47
32	Potential human transmission of amyloid $\beta$ pathology: surveillance and risks. <i>Lancet Neurology</i> , The, 2020, 19, 872-878.	4.9	46
33	Mutations in noncoding regions of <i>C9orf72</i> are a major cause of X-linked CMT. <i>Neurology</i> , 2017, 88, 1445-1453.	1.5	45
34	Identification of novel risk loci and causal insights for sporadic Creutzfeldt-Jakob disease: a genome-wide association study. <i>Lancet Neurology</i> , The, 2020, 19, 840-848.	4.9	42
35	Clinical Trial Simulations Based on Genetic Stratification and the Natural History of a Functional Outcome Measure in Creutzfeldt-Jakob Disease. <i>JAMA Neurology</i> , 2016, 73, 447.	4.5	41
36	Active and Silent Thyroid-Stimulating Hormone-Expressing Pituitary Adenomas: Presenting Symptoms, Treatment, Outcomes, and Recurrence. <i>World Neurosurgery</i> , 2014, 82, 1224-1231.	0.7	40

#	ARTICLE	IF	CITATIONS
37	Rapidly progressive asymmetrical weakness in Charcot-Marie-Tooth disease type 4J resembles chronic inflammatory demyelinating polyneuropathy. <i>Neuromuscular Disorders</i> , 2013, 23, 399-403.	0.3	38
38	Neuronal intranuclear inclusion disease is genetically heterogeneous. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1716-1725.	1.7	38
39	Prion protein monoclonal antibody (PRN100) therapy for Creutzfeldt-Jakob disease: evaluation of a first-in-human treatment programme. <i>Lancet Neurology</i> , The, 2022, 21, 342-354.	4.9	38
40	Tumors diagnosed as cerebellar glioblastoma comprise distinct molecular entities. <i>Acta Neuropathologica Communications</i> , 2019, 7, 163.	2.4	37
41	The white matter is a pro-differentiative niche for glioblastoma. <i>Nature Communications</i> , 2021, 12, 2184.	5.8	37
42	Ultrastructural investigation of epithelial damage in asthmatic and non-asthmatic nasal polyps. <i>Respiratory Medicine</i> , 2006, 100, 2018-2028.	1.3	36
43	A Clinical, Neuropathological and Genetic Study of Homozygous A467T POLG-Related Mitochondrial Disease. <i>PLoS ONE</i> , 2016, 11, e0145500.	1.1	36
44	Novel C12orf65 mutations in patients with axonal neuropathy and optic atrophy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 486-492.	0.9	35
45	The Use of 68Ga DOTATATE PET/CT for Diagnostic Assessment and Monitoring of 177Lu DOTATATE Therapy in Pituitary Carcinoma. <i>Clinical Nuclear Medicine</i> , 2015, 40, 47-49.	0.7	35
46	Investigation of somatic CNVs in brains of synucleinopathy cases using targeted SNCA analysis and single cell sequencing. <i>Acta Neuropathologica Communications</i> , 2019, 7, 219.	2.4	35
47	Genetic and clinical characteristics of <i>NEFL</i> -related Charcot-Marie-Tooth disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 575-585.	0.9	34
48	Dissecting the Phenotype and Genotype of <i>PLA2G6</i> -Related Parkinsonism. <i>Movement Disorders</i> , 2022, 37, 148-161.	2.2	32
49	Hippocampal $\beta$ -synuclein pathology correlates with memory impairment in multiple system atrophy. <i>Brain</i> , 2020, 143, 1798-1810.	3.7	31
50	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in <i>SMARCE1</i> . <i>Acta Neuropathologica</i> , 2021, 141, 281-290.	3.9	31
51	Filtration-histogram based magnetic resonance texture analysis (MRTA) for glioma IDH and 1p19q genotyping. <i>European Journal of Radiology</i> , 2019, 113, 116-123.	1.2	30
52	Clinical characteristics, risk factors, and outcomes of POEMS syndrome. <i>Neurology</i> , 2020, 95, e268-e279.	1.5	28
53	Transthyretin V122I amyloidosis with clinical and histological evidence of amyloid neuropathy and myopathy. <i>Neuromuscular Disorders</i> , 2015, 25, 511-515.	0.3	26
54	Disease-related patterns of in vivo pathology in Corticobasal syndrome. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2413-2425.	3.3	26

#	ARTICLE	IF	CITATIONS
55	Iatrogenic cerebral amyloid angiopathy: an emerging clinical phenomenon. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 693-700.	0.9	26
56	Oculoleptomeningeal Amyloidosis associated with transthyretin Leu12Pro in an African patient. <i>Journal of Neurology</i> , 2015, 262, 228-234.	1.8	24
57	Neurological update: gliomas and other primary brain tumours in adults. <i>Journal of Neurology</i> , 2018, 265, 717-727.	1.8	24
58	Identification of multiple system atrophy mimicking Parkinson's disease or progressive supranuclear palsy. <i>Brain</i> , 2021, 144, 1138-1151.	3.7	24
59	Low Prevalence of NOTCH2NLC GGC Repeat Expansion in White Patients with Movement Disorders. <i>Movement Disorders</i> , 2021, 36, 251-255.	2.2	23
60	Movement disorders in genetically confirmed mitochondrial disease and the putative role of the cerebellum. <i>Movement Disorders</i> , 2018, 33, 146-155.	2.2	21
61	A multimodal computational pipeline for 3D histology of the human brain. <i>Scientific Reports</i> , 2020, 10, 13839.	1.6	21
62	Renal small cell oncocytoma with pseudorosettes. <i>Human Pathology</i> , 2011, 42, 1751-1760.	1.1	20
63	Plurihormonal pituitary adenoma with concomitant adrenocorticotrophic hormone (ACTH) and growth hormone (GH) secretion: a report of two cases and review of the literature. <i>Acta Neurochirurgica</i> , 2014, 156, 141-146.	0.9	20
64	Peripheral nerve neurolymphomatosis: Clinical features, treatment, and outcomes. <i>Muscle and Nerve</i> , 2020, 62, 617-625.	1.0	19
65	A novel HTRA1 exon 2 mutation causes loss of protease activity in a Pakistani CARASIL patient. <i>Journal of Neurology</i> , 2015, 262, 1369-1372.	1.8	17
66	Diagnosis of amyloid neuropathy. <i>Practical Neurology</i> , 2019, 19, 250-258.	0.5	17
67	Alzheimer's disease neuropathological change three decades after iatrogenic amyloid- $\beta^2$ transmission. <i>Acta Neuropathologica</i> , 2021, 142, 211-215.	3.9	17
68	Early neurophysiological biomarkers and spinal cord pathology in inherited prion disease. <i>Brain</i> , 2019, 142, 760-770.	3.7	16
69	Multisystem screening reveals SARS-CoV-2 in neurons of the myenteric plexus and in megakaryocytes. <i>Journal of Pathology</i> , 2022, 257, 198-217.	2.1	16
70	Rathke's cleft cysts following transsphenoidal surgery: long-term outcomes and development of an optimal follow-up strategy. <i>Acta Neurochirurgica</i> , 2020, 162, 853-861.	0.9	15
71	Fulminant corticobasal degeneration: a distinct variant with predominant neuronal tau aggregates. <i>Acta Neuropathologica</i> , 2020, 139, 717-734.	3.9	15
72	TDP43 pathology in the brain, spinal cord, and dorsal root ganglia of a patient with FOSMN. <i>Neurology</i> , 2019, 92, e951-e956.	1.5	14

#	ARTICLE	IF	CITATIONS
73	Optical properties of human brain and tumour tissue: An ex vivo study spanning the visible range to beyond the second near-infrared window. <i>Journal of Biophotonics</i> , 2022, 15, .	1.1	14
74	Brain region-specific susceptibility of Lewy body pathology in synucleinopathies is governed by $\beta$ -synuclein conformations. <i>Acta Neuropathologica</i> , 2022, 143, 453-469.	3.9	14
75	An unusual anatomic and geographic location of primary germinoma of the fourth ventricle. <i>Journal of Clinical Neuroscience</i> , 2013, 20, 1620-1622.	0.8	13
76	IGHMBP2 mutation associated with organ-specific autonomic dysfunction. <i>Neuromuscular Disorders</i> , 2018, 28, 1012-1015.	0.3	13
77	Some New and Unexpected Tauopathies in Movement Disorders. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 616-626.	0.8	13
78	Autosomal dominant optic atrophy and cataract –plus–phenotype including axonal neuropathy. <i>Neurology: Genetics</i> , 2019, 5, e322.	0.9	12
79	Imaging features of spinal tanycytic ependymoma. <i>Neuroradiology Journal</i> , 2016, 29, 61-65.	0.6	10
80	Assembly of $\beta$ -synuclein and neurodegeneration in the central nervous system of heterozygous $\Delta$ M83 mice following the peripheral administration of $\beta$ -synuclein seeds. <i>Acta Neuropathologica Communications</i> , 2021, 9, 189.	2.4	10
81	Evaluating the causality of novel sequence variants in the prion protein gene by example. <i>Neurobiology of Aging</i> , 2018, 71, 265.e1-265.e7.	1.5	9
82	Redistribution of $\langle$ scp>EZH</scp> 2 promotes malignant phenotypes by rewiring developmental programmes. <i>EMBO Reports</i> , 2019, 20, e48155.	2.0	9
83	Tumors of the Neurohypophysis: One Unit's Experience and Literature Review. <i>World Neurosurgery</i> , 2020, 134, e968-e978.	0.7	9
84	Seizure outcomes and survival in adult low-grade glioma over 11 years: living longer and better. <i>Neuro-Oncology Practice</i> , 2020, 7, 196-201.	1.0	9
85	Regional and Volumetric Parameters for Diffusion-Weighted WHO Grade II and III Glioma Genotyping: A Method Comparison. <i>American Journal of Neuroradiology</i> , 2021, 42, 441-447.	1.2	9
86	Caught between a disc and a tumour: lumbar radiculopathy secondary to disc herniation and filum paraganglioma. <i>Acta Neurochirurgica</i> , 2013, 155, 315-317.	0.9	7
87	On the journey to uncover the causes of selective cellular and regional vulnerability in neurodegeneration. <i>Acta Neuropathologica</i> , 2019, 138, 677-680.	3.9	7
88	Transmissible human proteopathies: an expanding field. <i>Diagnostic Histopathology</i> , 2019, 25, 16-22.	0.2	7
89	A rare presentation of atypical demyelination: tumefactive multiple sclerosis causing Gerstmann's syndrome. <i>BMC Neurology</i> , 2014, 14, 68.	0.8	6
90	Deletion of P2 promoter of GJB1 gene a cause of Charcot-Marie-Tooth disease. <i>Neuromuscular Disorders</i> , 2017, 27, 766-770.	0.3	6

#	ARTICLE	IF	CITATIONS
91	Corticospinal tract degeneration and temporal lobe atrophy in frontotemporal lobar degeneration TDP $\epsilon$ 3 type C pathology. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 296-299.	1.8	6
92	Leprosy in a patient infected with HIV. <i>Practical Neurology</i> , 2017, 17, 135-139.	0.5	4
93	<scp>IDH</scp> mutant astrocytoma: biomarkers for prognostic stratification and the next frontiers. <i>Neuropathology and Applied Neurobiology</i> , 2019, 45, 91-94.	1.8	4
94	Genomic Prognosticators and Extent of Resection in Molecularly Subtyped World Health Organization Grade II and III Gliomas $\epsilon$ A Single-Institution, Nine-Year Data. <i>World Neurosurgery</i> , 2021, 151, e217-e233.	0.7	4
95	IgG4-related hypophysitis: a retrospective cohort study. <i>Acta Neurochirurgica</i> , 2022, 164, 2095-2103.	0.9	4
96	Supratentorial ependymoma presenting as a cortical cyst with a mural nodule in an adult. <i>Journal of Surgical Case Reports</i> , 2015, 2015, rju124-rju124.	0.2	3
97	PERIPHERAL NERVE BING-NEEL SYNDROME. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, e4.59-e4.	0.9	3
98	Collinge et al. reply. <i>Nature</i> , 2016, 535, E2-E3.	13.7	3
99	Hierarchical Joint Registration of Tissue Blocks With Soft Shape Constraints For Large-Scale Histology of The Human Brain. , 2019, , .		3
100	Toxoplasmosis initially presenting as neurological sequelae of chimeric antigen receptor T-cell therapy. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 788.	4.6	3
101	Diagnostic delay in a case of T-cell neurolymphomatosis. <i>BMJ Case Reports</i> , 2019, 12, e232538.	0.2	3
102	Two pathologically confirmed cases of novel mutations in the MAPT gene causing frontotemporal dementia. <i>Neurobiology of Aging</i> , 2020, 87, 141.e15-141.e20.	1.5	3
103	A Clinicopathologic Study of Movement Disorders in Frontotemporal Lobar Degeneration. <i>Movement Disorders</i> , 2021, 36, 632-641.	2.2	3
104	<scp>CAG</scp> Somatic Instability in a Huntington Disease Expansion Carrier Presenting with a Progressive Supranuclear Palsy $\epsilon$ like Phenotype. <i>Movement Disorders</i> , 2022, 37, 1555-1557.	2.2	3
105	Collinge et al. reply. <i>Nature</i> , 2016, 537, E9-E9.	13.7	1
106	A diagnostic conundrum. <i>Practical Neurology</i> , 2018, 18, 137-142.	0.5	1
107	CARDIAC AND EXTRACARDIAC AMYLOIDOSIS IN V122I ATTR. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, e4.82-e4.	0.9	0
108	OP11 ESTABLISHING A DIAGNOSTIC PIPELINE FOR METHYLOME ANALYSIS OF PAEDIATRIC AND ADULT BRAIN TUMOURS IN THE UK USING THE HEIDELBERG CLASSIFIER. <i>Neuro-Oncology</i> , 2015, 17, viii18.1-viii18.	0.6	0

#	ARTICLE	IF	CITATIONS
109	THE NEUROPATHY SPECTRUM IN WALDENSTRÄM'S MACROGLOBULINAEMIA. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, e4.60-e4.	0.9	0
110	Mitochondrial dysfunction in a treatable childhood neuronopathy. Neuromuscular Disorders, 2017, 27, S24-S25.	0.3	0
111	Rare as Rocking Horse Droppings. , 2017, , 7-10.		0
112	A Medical Student with Episodes of Weakness and Sensory Disturbance. , 2017, , 117-121.		0
113	PO145â€¦Strange rheuminations. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, A50.4-A51.	0.9	0
114	THUR 220â€¦To c or not to c. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A32.1-A32.	0.9	0
115	The clinical spectrum of TSH-expressing pituitary adenomas. Experimental and Clinical Endocrinology and Diabetes, 2013, 121, .	0.6	0
116	Leg Swelling and Painful Feet in a Business Man. , 2017, , 31-36.		0
117	Antibody-Mediated Muscle Disease?. , 2017, , 203-206.		0
118	Unsteadiness â€œ Neither Cerebellar Nor Vestibular. , 2017, , 53-58.		0
119	Ex vivo assessment of the optical characteristics of human brain and tumour tissue. , 2020, , .		0
120	Tumefactive neuroâ€œBehçset disease in a Ghanaian man. Internal Medicine Journal, 2022, 52, 152-154.	0.5	0
121	Diverse imaging features of adolescent glioblastoma. BJR   case Reports, 2022, 8, .	0.1	0
122	Somatic copy number variant mutations in alpha-synuclein and genome-wide in brains of synucleinopathy cases. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, A4.2-A4.	0.9	0