

Michael E Buckland

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82
papers

1,977
citations

25
h-index

43
g-index

102
ext. papers

2,646
ext. citations

4.2
avg. IF

4.64
L-index

#	Paper	IF	Citations
82	Glioma microvesicles carry selectively packaged coding and non-coding RNAs which alter gene expression in recipient cells. <i>RNA Biology</i> , 2013 , 10, 1333-44	4.8	181
81	Exosomal microRNA signatures in multiple sclerosis reflect disease status. <i>Scientific Reports</i> , 2017 , 7, 14293	4.9	133
80	Male-lineage transmission of an acquired metabolic phenotype induced by grand-paternal obesity. <i>Molecular Metabolism</i> , 2016 , 5, 699-708	8.8	104
79	Epigenome-wide DNA methylation landscape of melanoma progression to brain metastasis reveals aberrations on homeobox D cluster associated with prognosis. <i>Human Molecular Genetics</i> , 2014 , 23, 226-38	5.6	82
78	IMMU-50. THE IMMUNE LANDSCAPE OF BLOOD DENDRITIC CELLS IN GLIOBLASTOMA MULTIFORME: IMPLICATIONS FOR DC VACCINATION COMBINED WITH CHECKPOINT INHIBITION. <i>Neuro-Oncology</i> , 2018 , 20, vi132-vi132	1	78
77	EXTH-46. A COMBINATORY IMMUNOTHERAPY AGAINST BRAIN TUMOUR: BLOOD DENDRITIC CELL BASED VACCINE THERAPY WITH CHECKPOINT INHIBITOR(S). <i>Neuro-Oncology</i> , 2018 , 20, vi94-vi95	1	78
76	A Hybrid Feature Selection With Ensemble Classification for Imbalanced Healthcare Data: A Case Study for Brain Tumor Diagnosis. <i>IEEE Access</i> , 2016 , 4, 9145-9154	3.5	77
75	Deep sequencing of circulating exosomal microRNA allows non-invasive glioblastoma diagnosis. <i>Npj Precision Oncology</i> , 2018 , 2, 28	9.8	75
74	Mutations of GPR126 are responsible for severe arthrogryposis multiplex congenita. <i>American Journal of Human Genetics</i> , 2015 , 96, 955-61	11	72
73	Comprehensive proteome profiling of glioblastoma-derived extracellular vesicles identifies markers for more aggressive disease. <i>Journal of Neuro-Oncology</i> , 2017 , 131, 233-244	4.8	64
72	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2018 , 20, 873-884	1	63
71	TREM2 activation on microglia promotes myelin debris clearance and remyelination in a model of multiple sclerosis. <i>Acta Neuropathologica</i> , 2020 , 140, 513-534	14.3	63
70	Maternal obesity and diabetes induces latent metabolic defects and widespread epigenetic changes in isogenic mice. <i>Epigenetics</i> , 2013 , 8, 602-11	5.7	62
69	Epigenetic profiling for the molecular classification of metastatic brain tumors. <i>Nature Communications</i> , 2018 , 9, 4627	17.4	58
68	Roll over Weismann: extracellular vesicles in the transgenerational transmission of environmental effects. <i>Epigenomics</i> , 2015 , 7, 1165-71	4.4	51
67	Oligoastrocytomas: throwing the baby out with the bathwater?. <i>Acta Neuropathologica</i> , 2015 , 129, 147-9	14.3	47
66	CD8 T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome. <i>Nature Communications</i> , 2019 , 10, 5779	17.4	46

65	Targeted next generation sequencing reveals unique mutation profile of primary melanocytic tumors of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2016 , 127, 435-44	4.8	41
64	Brain histopathology in three cases of Susac's syndrome: implications for lesion pathogenesis and treatment. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 582-4	5.5	39
63	DNA methylation and gene deletion analysis of brain metastases in melanoma patients identifies mutually exclusive molecular alterations. <i>Neuro-Oncology</i> , 2014 , 16, 1499-509	1	39
62	Membrane proteome analysis of glioblastoma cell invasion. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015 , 74, 425-41	3.1	33
61	Extracellular Vesicles from Neurosurgical Aspirates Identifies Chaperonin Containing TCP1 Subunit 6A as a Potential Glioblastoma Biomarker with Prognostic Significance. <i>Proteomics</i> , 2019 , 19, e1800157	4.8	31
60	Epigenetic differences between monozygotic twins discordant for amyotrophic lateral sclerosis (ALS) provide clues to disease pathogenesis. <i>PLoS ONE</i> , 2017 , 12, e0182638	3.7	30
59	Expanding the spectrum of IDH1 mutations in gliomas. <i>Modern Pathology</i> , 2013 , 26, 619-25	9.8	29
58	The 2016 revision of the WHO Classification of Central Nervous System Tumours: retrospective application to a cohort of diffuse gliomas. <i>Journal of Neuro-Oncology</i> , 2018 , 137, 181-189	4.8	26
57	Correlation of MicroRNA 132 Up-regulation with an Unfavorable Clinical Outcome in Patients with Primary Glioblastoma Multiforme Treated with Radiotherapy Plus Concomitant and Adjuvant Temozolomide Chemotherapy. <i>Translational Oncology</i> , 2013 , 6, 742-8	4.9	25
56	Activating CYSLTR2 and PLCB4 Mutations in Primary Leptomeningeal Melanocytic Tumors. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 2033-2035	4.3	20
55	Absence of TERT promoter mutations in primary melanocytic tumours of the central nervous system. <i>Neuropathology and Applied Neurobiology</i> , 2014 , 40, 794-7	5.2	18
54	The emerging clinical potential of circulating extracellular vesicles for non-invasive glioma diagnosis and disease monitoring. <i>Brain Tumor Pathology</i> , 2019 , 36, 29-39	3.2	17
53	IDH1 and IDH2 mutations in postoperative diffuse glioma-associated epilepsy. <i>Epilepsy and Behavior</i> , 2018 , 78, 30-36	3.2	17
52	Analysis of the structural response and failure of containers subjected to internal blast loading. <i>International Journal of Impact Engineering</i> , 2016 , 95, 40-53	4	16
51	Integrated Genomic Classification of Melanocytic Tumors of the Central Nervous System Using Mutation Analysis, Copy Number Alterations, and DNA Methylation Profiling. <i>Clinical Cancer Research</i> , 2018 , 24, 4494-4504	12.9	14
50	Bal's concentric sclerosis and tumefactive demyelination: a shared immunopathogenesis?. <i>Journal of the Neurological Sciences</i> , 2015 , 348, 279-81	3.2	13
49	Chronic traumatic encephalopathy in two former Australian National Rugby League players. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 97	7.3	13
48	Serum Exosome MicroRNAs Predict Multiple Sclerosis Disease Activity after Fingolimod Treatment. <i>Molecular Neurobiology</i> , 2020 , 57, 1245-1258	6.2	13

47	Neurotropic T-cell lymphocytosis: a cutaneous expression of CLIPPERS. <i>Journal of Cutaneous Pathology</i> , 2014 , 41, 657-62	1.7	12
46	Spinal leptomeningeal lymphoma presenting as pseudotumor syndrome. <i>Journal of Neuro-Ophthalmology</i> , 2013 , 33, 13-6	2.6	11
45	An unusual association of calcifying pseudoneoplasm of the neuraxis with interhemispheric lipoma and agenesis of corpus callosum. <i>Pathology</i> , 2012 , 44, 657-9	1.6	11
44	CXCR3 plays a critical role for host protection against Salmonellosis. <i>Scientific Reports</i> , 2017 , 7, 10181	4.9	10
43	Corticomotor correlates of somatosensory reaction time and variability in individuals with post concussion symptoms. <i>Somatosensory & Motor Research</i> , 2020 , 37, 14-21	1.2	10
42	A randomized phase II trial of veliparib, radiotherapy, and temozolomide in patients with unmethylated MGMT glioblastoma: the VERTU study. <i>Neuro-Oncology</i> , 2021 , 23, 1736-1749	1	10
41	Concentrations of toxic metals and essential trace elements vary among individual neurons in the human locus ceruleus. <i>PLoS ONE</i> , 2020 , 15, e0233300	3.7	9
40	Evidence of T-cell mediated neuronal injury in stiff-person syndrome with anti-amphiphysin antibodies. <i>Journal of the Neurological Sciences</i> , 2014 , 337, 235-7	3.2	9
39	A randomized phase II trial of veliparib (V), radiotherapy (RT) and temozolomide (TMZ) in patients (pts) with unmethylated MGMT (uMGMT) glioblastoma (GBM).. <i>Journal of Clinical Oncology</i> , 2019 , 37, 2011-2011	2.2	9
38	Deep Sequencing of Small RNAs from Neurosurgical Extracellular Vesicles Substantiates miR-486-3p as a Circulating Biomarker that Distinguishes Glioblastoma from Lower-Grade Astrocytoma Patients. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
37	Growth hormone secreting pituitary adenoma with admixed gangliocytoma and ganglioglioma. <i>Journal of Clinical Neuroscience</i> , 2016 , 31, 202-4	2.2	9
36	Chronic traumatic encephalopathy in a former Australian rules football player diagnosed with Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 23	7.3	8
35	Diagnosis of oligodendroglioma: molecular and classical histological assessment in the twenty-first century. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2012 , 8, 213-6	1.9	8
34	Nutrition has a pervasive impact on cardiac microRNA expression in isogenic mice. <i>Epigenetics</i> , 2016 , 11, 475-81	5.7	7
33	Rheumatoid leptomeningitis presenting with an acute neuropsychiatric disorder. <i>Practical Neurology</i> , 2019 , 19, 68-71	2.4	7
32	Glioblastoma with primitive neuroectodermal tumour-like components. <i>Pathology</i> , 2012 , 44, 270-3	1.6	7
31	Three-Dimensional Pathology Specimen Modeling Using "Structure-From-Motion" Photogrammetry: A Powerful New Tool for Surgical Pathology. <i>Archives of Pathology and Laboratory Medicine</i> , 2018 , 142, 1415-1420	5	7
30	Persistence of a T Cell Infiltrate in Human Ganglia Years After Herpes Zoster and During Post-herpetic Neuralgia. <i>Frontiers in Microbiology</i> , 2019 , 10, 2117	5.7	5

29	Promoter Methylation Analysis of IDH Genes in Human Gliomas. <i>Frontiers in Oncology</i> , 2012 , 2, 193	5.3	5
28	ALK-Rearranged Non-Small Cell Lung Cancer in 2020: Real-World Triumphs in an Era of Multigeneration ALK-Inhibitor Sequencing Informed by Drug Resistance Profiling. <i>Oncologist</i> , 2020 , 25, 641-649	5.7	4
27	Fluorescent In Situ Hybridization in Surgical Pathology Practice. <i>Advances in Anatomic Pathology</i> , 2018 , 25, 223-237	5.1	4
26	Microglioma in a child - a further case in support of the microglioma entity and distinction from histiocytic sarcoma 2016 , 35, 302-13		4
25	MK2 Inhibition Induces p53-Dependent Senescence in Glioblastoma Cells. <i>Cancers</i> , 2020 , 12,	6.6	3
24	Progressive neuropsychiatric symptoms and motor impairment. <i>JAMA Neurology</i> , 2014 , 71, 794-8	17.2	3
23	Distribution of tau hyperphosphorylation in canine dementia resembles early Alzheimer's disease and other tauopathies. <i>Brain Pathology</i> , 2021 , 31, 144-162	6	3
22	Hyperekplexia as the presenting symptom of Creutzfeldt-Jakob disease. <i>Neurology: Clinical Practice</i> , 2015 , 5, 498-501	1.7	2
21	Revisiting cerebral thromboangiitis obliterans. <i>Journal of the Neurological Sciences</i> , 2012 , 317, 141-5	3.2	2
20	Establishing a Reference Range for Oligodendroglioma Classification using Higuchi Dimension Analysis 2012 ,		2
19	The 2016 revision of the WHO Classification of Central Nervous System Tumours: retrospective application to a cohort of diffuse gliomas 2018 , 137, 181		2
18	Aberrant Splicing of in Families With Unexplained Succinate Dehydrogenase-Deficient Parangliomas. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvaa071	0.4	2
17	Expanding the range of immunopathology in neuromyelitis optica spectrum disorder. <i>BMJ Case Reports</i> , 2016 , 2016,	0.9	2
16	Adult-onset leukoencephalopathy with neuroaxonal spheroids and pigmented glia mimicking systemic lupus erythematosus cerebral vasculitis. <i>Journal of the Neurological Sciences</i> , 2018 , 395, 25-28	3.2	2
15	Response regarding CLIPPERS. <i>Journal of Cutaneous Pathology</i> , 2014 , 41, 761	1.7	1
14	VERTU: Veliparib, radiotherapy (RT) and temozolomide (TMZ) trial in unmethylated MGMT glioblastoma (GBM).. <i>Journal of Clinical Oncology</i> , 2016 , 34, TPS2081-TPS2081	2.2	1
13	A randomized phase 2 trial of veliparib (V), radiotherapy (RT) and temozolomide (TMZ) in patients (pts) with unmethylated MGMT (uMGMT) glioblastoma (GBM): Feasibility and safety outcomes (the VERTU study).. <i>Journal of Clinical Oncology</i> , 2018 , 36, 2045-2045	2.2	1
12	Chronic Neurophysiological Effects of Repeated Head Trauma in Retired Australian Male Sport Athletes. <i>Frontiers in Neurology</i> , 2021 , 12, 633320	4.1	1

11	ACTR-24. A RANDOMIZED PHASE II TRIAL OF VELIPARIB (V), RADIOTHERAPY (RT) AND TEMOZOLOMIDE (TMZ) IN PATIENTS (PTS) WITH UNMETHYLATED MGMT (uMGMT) GLIOBLASTOMA (GBM): THE VERTU STUDY. <i>Neuro-Oncology</i> , 2019 , 21, vi18-vi18	1	1
10	Chronic traumatic encephalopathy in Australia: the first three years of the Australian Sports Brain Bank.. <i>Medical Journal of Australia</i> , 2022 ,	4	0
9	Next generation sequencing impacts the classification and management of primary brain tumours. <i>Pathology</i> , 2021 , 53, 780-782	1.6	0
8	LUMOS - Low and Intermediate Grade Glioma Umbrella Study of Molecular Guided Therapies at relapse: Protocol for a pilot study. <i>BMJ Open</i> , 2021 , 11, e054075	3	0
7	PATH-18. A MULTI-CENTER CASE SERIES OF ADULT K27M MUTATED DIFFUSE MIDLINE GLIOMAS REVEALING A POPULATION UNIQUE FROM PAEDIATRIC CASES. <i>Neuro-Oncology</i> , 2020 , 22, ii167-ii168	1	
6	INNV-08. LOW AND INTERMEDIATE GRADE GLIOMA UMBRELLA STUDY OF MOLECULAR GUIDED THERAPIES (LUMOS) STUDY. <i>Neuro-Oncology</i> , 2021 , 23, vi106-vi107	1	
5	Driving innovation through collaboration: development of clinical annotation datasets for brain cancer biobanking. <i>Neuro-Oncology Practice</i> , 2020 , 7, 31-37	2.2	
4	043 Rheumatoid leptomeningitis: an acute presentation of neuropsychiatric disturbance. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A18.1-A18	5.5	
3	047 Creutzfeld-jakob disease with prolonged disease course in two younger patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A20.1-A20	5.5	
2	038 Adult-onset leukoencephalopathy with neuroaxonal spheroids and pigmented glia mimicking systemic lupus erythematosus cerebral vasculitis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A16.1-A16	5.5	
1	A Diagnostic Dilemma of White Matter Lesions and Cerebral Oedema without Identifiable Cause-A Neurological Conundrum. <i>Brain Sciences</i> , 2021 , 11,	3-4	