

Michael E Buckland

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,834
citations

218677

26
h-index

189892

50
g-index

102
all docs

102
docs citations

102
times ranked

5345
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaplasia and age of onset in desmoplastic infantile ganglioglioma: Case report and review of the literature. <i>Pediatric Blood and Cancer</i> , 2023, 70, .	1.5	0
2	Creutzfeldt-Jakob Disease in South West Sydney 2014–2020: An Unusually High Incidence of a Rare Disease. <i>Neuroepidemiology</i> , 2022, 56, 59-65.	2.3	1
3	Chronic traumatic encephalopathy in Australia: the first three years of the Australian Sports Brain Bank. <i>Medical Journal of Australia</i> , 2022, 216, 530-531.	1.7	12
4	Conventional MRI features can predict the molecular subtype of adult grade 2–3 intracranial diffuse gliomas. <i>Neuroradiology</i> , 2022, 64, 2295-2305.	2.2	11
5	Distribution of tau hyperphosphorylation in canine dementia resembles early Alzheimer’s disease and other tauopathies. <i>Brain Pathology</i> , 2021, 31, 144-162.	4.1	20
6	PathoFusion: An Open-Source AI Framework for Recognition of Pathomorphological Features and Mapping of Immunohistochemical Data. <i>Cancers</i> , 2021, 13, 617.	3.7	6
7	Chronic Neurophysiological Effects of Repeated Head Trauma in Retired Australian Male Sport Athletes. <i>Frontiers in Neurology</i> , 2021, 12, 633320.	2.4	7
8	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.	1.2	44
9	082–Fulminant ADEM mimicking a glial tumour. , 2021, , .		0
10	A Diagnostic Dilemma of White Matter Lesions and Cerebral Oedema without Identifiable Cause—A Neurological Conundrum. <i>Brain Sciences</i> , 2021, 11, 1238.	2.3	0
11	Next generation sequencing impacts the classification and management of primary brain tumours. <i>Pathology</i> , 2021, 53, 780-782.	0.6	2
12	INN-08. LOW AND INTERMEDIATE GRADE GLIOMA UMBRELLA STUDY OF MOLECULAR GUIDED THERAPIES (LUMOS) STUDY. <i>Neuro-Oncology</i> , 2021, 23, vi106-vi107.	1.2	0
13	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.	1.9	2
14	Driving innovation through collaboration: development of clinical annotation datasets for brain cancer biobanking. <i>Neuro-Oncology Practice</i> , 2020, 7, 31-37.	1.6	2
15	Serum Exosome MicroRNAs Predict Multiple Sclerosis Disease Activity after Fingolimod Treatment. <i>Molecular Neurobiology</i> , 2020, 57, 1245-1258.	4.0	35
16	Corticomotor correlates of somatosensory reaction time and variability in individuals with post concussion symptoms. <i>Somatosensory & Motor Research</i> , 2020, 37, 14-21.	0.9	17
17	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, 4954.	4.1	27
18	TREM2 activation on microglia promotes myelin debris clearance and remyelination in a model of multiple sclerosis. <i>Acta Neuropathologica</i> , 2020, 140, 513-534.	7.7	186

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19	Aberrant Splicing of <i>SDHC</i> in Families With Unexplained Succinate Dehydrogenase-Deficient Paragangliomas. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa071.	0.2	9
20	Concentrations of toxic metals and essential trace elements vary among individual neurons in the human locus ceruleus. <i>PLoS ONE</i> , 2020, 15, e0233300.	2.5	21
21	<i>ALK</i> -Rearranged Non-Small Cell Lung Cancer in 2020: Real-World Triumphs in an Era of Multigeneration <i>ALK</i> -Inhibitor Sequencing Informed by Drug Resistance Profiling. <i>Oncologist</i> , 2020, 25, 641-649.	3.7	8
22	MK2 Inhibition Induces p53-Dependent Senescence in Glioblastoma Cells. <i>Cancers</i> , 2020, 12, 654.	3.7	5
23	Chronic traumatic encephalopathy in a former Australian rules football player diagnosed with Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2020, 8, 23.	5.2	16
24	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.	1.2	0
25	Rheumatoid leptomeningitis presenting with an acute neuropsychiatric disorder. <i>Practical Neurology</i> , 2019, 19, 68-71.	1.1	15
26	Chronic traumatic encephalopathy in two former Australian National Rugby League players. <i>Acta Neuropathologica Communications</i> , 2019, 7, 97.	5.2	28
27	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.	3.5	8
28	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.	1.7	26
29	CD8+ T cell-mediated endotheliopathy is a targetable mechanism of neuro-inflammation in Susac syndrome. <i>Nature Communications</i> , 2019, 10, 5779.	12.8	87
30	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.	1.2	1
31	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.	2.2	59
32	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.	1.6	11
33	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2018, 20, 873-884.	1.2	119
34	IDH1 and IDH2 mutations in postoperative diffuse glioma-associated epilepsy. <i>Epilepsy and Behavior</i> , 2018, 78, 30-36.	1.7	26
35	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.	2.9	32
36	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.	1.2	0

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37	043â€¦Rheumatoid leptomeningitis: an acute presentation of neuropsychiatric disturbance. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A18.1-A18.	1.9	0
38	047â€¦Creutzfeld-jakob disease with prolonged disease course in two younger patients. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A20.1-A20.	1.9	0
39	EXTH-46. A COMBINATORY IMMUNOTHERAPY AGAINST BRAIN TUMOUR: BLOOD DENDRITIC CELL BASED VACCINE THERAPY WITH CHECKPOINT INHIBITOR(S). Neuro-Oncology, 2018, 20, vi94-vi95.	1.2	0
40	Epigenetic profiling for the molecular classification of metastatic brain tumors. Nature Communications, 2018, 9, 4627.	12.8	79
41	Deep sequencing of circulating exosomal microRNA allows non-invasive glioblastoma diagnosis. Npj Precision Oncology, 2018, 2, 28.	5.4	116
42	Adult-onset leukoencephalopathy with neuroaxonal spheroids and pigmented glia mimicking systemic lupus erythematosus cerebral vasculitis. Journal of the Neurological Sciences, 2018, 395, 25-28.	0.6	4
43	038â€¦Adult-onset leukoencephalopathy with neuroaxonal spheroids and pigmented glia mimicking systemic lupus erythematosus cerebral vasculitis. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, A16.1-A16.	1.9	0
44	Three-Dimensional Pathology Specimen Modeling Using "Structure-From-Motion" Photogrammetry: A Powerful New Tool for Surgical Pathology. Archives of Pathology and Laboratory Medicine, 2018, 142, 1415-1420.	2.5	15
45	Fluorescent In Situ Hybridization in Surgical Pathology Practice. Advances in Anatomic Pathology, 2018, 25, 223-237.	4.3	5
46	Integrated Genomic Classification of Melanocytic Tumors of the Central Nervous System Using Mutation Analysis, Copy Number Alterations, and DNA Methylation Profiling. Clinical Cancer Research, 2018, 24, 4494-4504.	7.0	28
47	The 2016 revision of the WHO Classification of Central Nervous System Tumours: retrospective application to a cohort of diffuse gliomas. , 2018, 137, 181.		4
48	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) Tj ETQq0 0 0.0gBT /Overlock 10 T		
49	Activating CYSLTR2 and PLCB4 Mutations in Primary Leptomeningeal Melanocytic Tumors. Journal of Investigative Dermatology, 2017, 137, 2033-2035.	0.7	24
50	What's new with the revised who? Updates to the classification of tumours of the central nervous system. Pathology, 2017, 49, S8.	0.6	0
51	Exosomal microRNA signatures in multiple sclerosis reflect disease status. Scientific Reports, 2017, 7, 14293.	3.3	196
52	CXCR3 plays a critical role for host protection against Salmonellosis. Scientific Reports, 2017, 7, 10181.	3.3	21
53	Comprehensive proteome profiling of glioblastoma-derived extracellular vesicles identifies markers for more aggressive disease. Journal of Neuro-Oncology, 2017, 131, 233-244.	2.9	88
54	Epigenetic differences between monozygotic twins discordant for amyotrophic lateral sclerosis (ALS) provide clues to disease pathogenesis. PLoS ONE, 2017, 12, e0182638.	2.5	61

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55	Expanding the range of immunopathology in neuromyelitis optica spectrum disorder. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016215981.	0.5	2
56	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.	4.2	114
57	Growth hormone secreting pituitary adenoma with admixed gangliocytoma and ganglioglioma. <i>Journal of Clinical Neuroscience</i> , 2016, 31, 202-204.	1.5	10
58	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.	5.0	24
59	Male-lineage transmission of an acquired metabolic phenotype induced by grand-paternal obesity. <i>Molecular Metabolism</i> , 2016, 5, 699-708.	6.5	154
60	Nutrition has a pervasive impact on cardiac microRNA expression in isogenic mice. <i>Epigenetics</i> , 2016, 11, 475-481.	2.7	9
61	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, 435-444.	2.9	55
62	VERTU: Veliparib, radiotherapy (RT) and temozolomide (TMZ) trial in unmethylated MGMT glioblastoma (GBM).. <i>Journal of Clinical Oncology</i> , 2016, 34, TPS2081-TPS2081.	1.6	3
63	Microglioma in a child – a further case in support of the microglioma entity and distinction from histiocytic sarcoma. , 2016, 35, 302-313.		8
64	Mutations of GPR126 Are Responsible for Severe Arthrogyposis Multiplex Congenita. <i>American Journal of Human Genetics</i> , 2015, 96, 955-961.	6.2	92
65	Roll over Weismann: extracellular vesicles in the transgenerational transmission of environmental effects. <i>Epigenomics</i> , 2015, 7, 1165-1171.	2.1	65
66	Membrane Proteome Analysis of Glioblastoma Cell Invasion. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 425-441.	1.7	41
67	Hyperekplexia as the presenting symptom of Creutzfeldt-Jakob disease. <i>Neurology: Clinical Practice</i> , 2015, 5, 498-501.	1.6	2
68	Oligoastrocytomas: throwing the baby out with the bathwater?. <i>Acta Neuropathologica</i> , 2015, 129, 147-149.	7.7	60
69	BalÃ³'s concentric sclerosis and tumefactive demyelination: A shared immunopathogenesis?. <i>Journal of the Neurological Sciences</i> , 2015, 348, 279-281.	0.6	16
70	Brain histopathology in three cases of Susac's syndrome: implications for lesion pathogenesis and treatment: Figure A1. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 582-584.	1.9	54
71	Neurotropic Tâ€cell lymphocytosis: a cutaneous expression of <scp>CLIPPERS</scp>. <i>Journal of Cutaneous Pathology</i> , 2014, 41, 657-662.	1.3	14
72	Response regarding CLIPPERS. <i>Journal of Cutaneous Pathology</i> , 2014, 41, 761-761.	1.3	1

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73	Absence of <sc><i>TERT</i></sc> promoter mutations in primary melanocytic tumours of the central nervous system. <i>Neuropathology and Applied Neurobiology</i> , 2014, 40, 794-797.	3.2	19
74	Neuropathology - tumour and non-tumour for adults and paediatrics. <i>Pathology</i> , 2014, 46, S8.	0.6	0
75	Progressive Neuropsychiatric Symptoms and Motor Impairment. <i>JAMA Neurology</i> , 2014, 71, 794.	9.0	3
76	40.. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 2045-2046.	1.5	0
77	39.. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 2045.	1.5	0
78	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, 226-238.	2.9	96
79	Evidence of T-cell mediated neuronal injury in stiff-person syndrome with anti-amphiphysin antibodies. <i>Journal of the Neurological Sciences</i> , 2014, 337, 235-237.	0.6	13
80	DNA methylation and gene deletion analysis of brain metastases in melanoma patients identifies mutually exclusive molecular alterations. <i>Neuro-Oncology</i> , 2014, 16, 1499-1509.	1.2	65
81	Angiocentric glioma: a rare low grade glioma with distinctive histological features. <i>Pathology</i> , 2014, 46, S72.	0.6	0
82	An update on the epidemiology and key issues associated with the diagnosis and management of Creutzfeldtâ€“Jakob disease cases in NSW. <i>Public Health Research and Practice</i> , 2014, 25, .	1.5	1
83	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-IN34.	3.7	31
84	Expanding the spectrum of IDH1 mutations in gliomas. <i>Modern Pathology</i> , 2013, 26, 619-625.	5.5	37
85	Spinal Leptomeningeal Lymphoma Presenting as Pseudotumor Syndrome. <i>Journal of Neuro-Ophthalmology</i> , 2013, 33, 13-16.	0.8	14
86	A practical approach to the diagnosis of brain tumours. <i>Pathology</i> , 2013, 45, S8.	0.6	0
87	Maternal obesity and diabetes induces latent metabolic defects and widespread epigenetic changes in isogenic mice. <i>Epigenetics</i> , 2013, 8, 602-611.	2.7	75
88	Glioma microvesicles carry selectively packaged coding and non-coding RNAs which alter gene expression in recipient cells. <i>RNA Biology</i> , 2013, 10, 1333-1344.	3.1	210
89	An unusual autopsy case of progressive muscular atrophy with widespread fus positive inclusions. <i>Pathology</i> , 2013, 45, S78.	0.6	0
90	Promoter Methylation Analysis of IDH Genes in Human Gliomas. <i>Frontiers in Oncology</i> , 2012, 2, 193.	2.8	5

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91	An unusual association of calcifying pseudoneoplasm of the neuraxis with interhemispheric lipoma and agenesis of corpus callosum. <i>Pathology</i> , 2012, 44, 657-659.	0.6	12
92	Glioblastoma with primitive neuroectodermal tumour-like components. <i>Pathology</i> , 2012, 44, 270-273.	0.6	9
93	Revisiting cerebral thromboangiitis obliterans. <i>Journal of the Neurological Sciences</i> , 2012, 317, 141-145.	0.6	4
94	Diagnosis of oligodendroglioma: Molecular and classical histological assessment in the twenty-first century. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2012, 8, 213-216.	1.1	9
95	Establishing a Reference Range for Oligodendroglioma Classification using Higuchi Dimension Analysis. , 2012, , .		2
96	Chronic Traumatic Encephalopathy as a Preventable Environmental Disease. <i>Frontiers in Neurology</i> , 0, 13, .	2.4	8