

Michael E Buckland

List of Publications by Year in Descending Order

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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 | Chronic traumatic encephalopathy in Australia: the first three years of the Australian Sports Brain Bank.. <i>Medical Journal of Australia</i> , 2022 , | 4 | 0 |
| 81 | INNV-08. LOW AND INTERMEDIATE GRADE GLIOMA UMBRELLA STUDY OF MOLECULAR GUIDED THERAPIES (LUMOS) STUDY. <i>Neuro-Oncology</i> , 2021 , 23, vi106-vi107 | 1 | |
| 80 | Chronic Neurophysiological Effects of Repeated Head Trauma in Retired Australian Male Sport Athletes. <i>Frontiers in Neurology</i> , 2021 , 12, 633320 | 4.1 | 1 |
| 79 | 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 |
| 78 | 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 |
| 77 | A Diagnostic Dilemma of White Matter Lesions and Cerebral Oedema without Identifiable Cause-A Neurological Conundrum. <i>Brain Sciences</i> , 2021 , 11, | 3.4 | |
| 76 | Next generation sequencing impacts the classification and management of primary brain tumours. <i>Pathology</i> , 2021 , 53, 780-782 | 1.6 | 0 |
| 75 | 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 |
| 74 | 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 |
| 73 | 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 |
| 72 | MK2 Inhibition Induces p53-Dependent Senescence in Glioblastoma Cells. <i>Cancers</i> , 2020 , 12, | 6.6 | 3 |
| 71 | 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 |
| 70 | 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 | |
| 69 | Serum Exosome MicroRNAs Predict Multiple Sclerosis Disease Activity after Fingolimod Treatment. <i>Molecular Neurobiology</i> , 2020 , 57, 1245-1258 | 6.2 | 13 |
| 68 | 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 |
| 67 | 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 |
| 66 | 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 |

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| 65 | Aberrant Splicing of in Families With Unexplained Succinate Dehydrogenase-Deficient Paragangliomas. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvaa071 | 0.4 | 2 |
| 64 | Driving innovation through collaboration: development of clinical annotation datasets for brain cancer biobanking. <i>Neuro-Oncology Practice</i> , 2020 , 7, 31-37 | 2.2 | |
| 63 | 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 |
| 62 | 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 |
| 61 | Rheumatoid leptomeningitis presenting with an acute neuropsychiatric disorder. <i>Practical Neurology</i> , 2019 , 19, 68-71 | 2.4 | 7 |
| 60 | Chronic traumatic encephalopathy in two former Australian National Rugby League players. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 97 | 7.3 | 13 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | IDH1 and IDH2 mutations in postoperative diffuse glioma-associated epilepsy. <i>Epilepsy and Behavior</i> , 2018 , 78, 30-36 | 3.2 | 17 |
| 53 | Fluorescent In Situ Hybridization in Surgical Pathology Practice. <i>Advances in Anatomic Pathology</i> , 2018 , 25, 223-237 | 5.1 | 4 |
| 52 | 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 |
| 51 | 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 |
| 50 | The 2016 revision of the WHO Classification of Central Nervous System Tumours: retrospective application to a cohort of diffuse gliomas 2018 , 137, 181 | | 2 |
| 49 | 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 |
| 48 | 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 |

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| 47 | 043 Rheumatoid leptomenigitis: an acute presentation of neuropsychiatric disturbance. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, A18.1-A18 | 5.5 | |
| 46 | 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 | |
| 45 | 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 |
| 44 | Epigenetic profiling for the molecular classification of metastatic brain tumors. <i>Nature Communications</i> , 2018 , 9, 4627 | 17.4 | 58 |
| 43 | Deep sequencing of circulating exosomal microRNA allows non-invasive glioblastoma diagnosis. <i>Npj Precision Oncology</i> , 2018 , 2, 28 | 9.8 | 75 |
| 42 | 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 |
| 41 | 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 | |
| 40 | 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 |
| 39 | Activating CYSLTR2 and PLCB4 Mutations in Primary Leptomeningeal Melanocytic Tumors. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 2033-2035 | 4.3 | 20 |
| 38 | Exosomal microRNA signatures in multiple sclerosis reflect disease status. <i>Scientific Reports</i> , 2017 , 7, 14293 | 4.9 | 133 |
| 37 | 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 |
| 36 | CXCR3 plays a critical role for host protection against Salmonellosis. <i>Scientific Reports</i> , 2017 , 7, 10181 | 4.9 | 10 |
| 35 | 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 |
| 34 | Male-lineage transmission of an acquired metabolic phenotype induced by grand-paternal obesity. <i>Molecular Metabolism</i> , 2016 , 5, 699-708 | 8.8 | 104 |
| 33 | Nutrition has a pervasive impact on cardiac microRNA expression in isogenic mice. <i>Epigenetics</i> , 2016 , 11, 475-81 | 5.7 | 7 |
| 32 | 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 |
| 31 | 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 |
| 30 | Microglioma in a child - a further case in support of the microglioma entity and distinction from histiocytic sarcoma 2016 , 35, 302-13 | | 4 |

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| 29 | Expanding the range of immunopathology in neuromyelitis optica spectrum disorder. <i>BMJ Case Reports</i> , 2016 , 2016, | 0.9 | 2 |
| 28 | 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 |
| 27 | Growth hormone secreting pituitary adenoma with admixed gangliocytoma and ganglioglioma. <i>Journal of Clinical Neuroscience</i> , 2016 , 31, 202-4 | 2.2 | 9 |
| 26 | 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 |
| 25 | Oligoastrocytomas: throwing the baby out with the bathwater?. <i>Acta Neuropathologica</i> , 2015 , 129, 147-9 | 14.3 | 47 |
| 24 | Baló's concentric sclerosis and tumefactive demyelination: a shared immunopathogenesis?. <i>Journal of the Neurological Sciences</i> , 2015 , 348, 279-81 | 3.2 | 13 |
| 23 | 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 |
| 22 | Mutations of GPR126 are responsible for severe arthrogyrosis multiplex congenita. <i>American Journal of Human Genetics</i> , 2015 , 96, 955-61 | 11 | 72 |
| 21 | Roll over Weismann: extracellular vesicles in the transgenerational transmission of environmental effects. <i>Epigenomics</i> , 2015 , 7, 1165-71 | 4.4 | 51 |
| 20 | Membrane proteome analysis of glioblastoma cell invasion. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015 , 74, 425-41 | 3.1 | 33 |
| 19 | Hyperekplexia as the presenting symptom of Creutzfeldt-Jakob disease. <i>Neurology: Clinical Practice</i> , 2015 , 5, 498-501 | 1.7 | 2 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | Neurotropic T-cell lymphocytosis: a cutaneous expression of CLIPPERS. <i>Journal of Cutaneous Pathology</i> , 2014 , 41, 657-62 | 1.7 | 12 |
| 14 | Response regarding CLIPPERS. <i>Journal of Cutaneous Pathology</i> , 2014 , 41, 761 | 1.7 | 1 |
| 13 | 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 |
| 12 | Progressive neuropsychiatric symptoms and motor impairment. <i>JAMA Neurology</i> , 2014 , 71, 794-8 | 17.2 | 3 |

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| 11 | 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 |
| 10 | Expanding the spectrum of IDH1 mutations in gliomas. <i>Modern Pathology</i> , 2013 , 26, 619-25 | 9.8 | 29 |
| 9 | Spinal leptomeningeal lymphoma presenting as pseudotumor syndrome. <i>Journal of Neuro-Ophthalmology</i> , 2013 , 33, 13-6 | 2.6 | 11 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | Revisiting cerebral thromboangiitis obliterans. <i>Journal of the Neurological Sciences</i> , 2012 , 317, 141-5 | 3.2 | 2 |
| 4 | Promoter Methylation Analysis of IDH Genes in Human Gliomas. <i>Frontiers in Oncology</i> , 2012 , 2, 193 | 5.3 | 5 |
| 3 | 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 |
| 2 | Glioblastoma with primitive neuroectodermal tumour-like components. <i>Pathology</i> , 2012 , 44, 270-3 | 1.6 | 7 |
| 1 | Establishing a Reference Range for Oligodendroglioma Classification using Higuchi Dimension Analysis 2012 , | | 2 |