

Wai Hoe Ng

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,243
citations

279487

23
h-index

395343

33
g-index

58
all docs

58
docs citations

58
times ranked

1789
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of magnetic resonance spectroscopy and perfusion-weighted imaging in presurgical grading of oligodendroglial tumors. <i>Neurosurgery</i> , 2005, 56, 919-26; discussion 919-26.	0.6	81
2	A STAT3-based gene signature stratifies glioma patients for targeted therapy. <i>Nature Communications</i> , 2019, 10, 3601.	5.8	67
3	Multimedia Messaging Service teleradiology in the provision of emergency neurosurgery services. <i>World Neurosurgery</i> , 2007, 67, 338-341.	1.3	64
4	Biomimetic Nanocomposites Cloaked with Bioorthogonally Labeled Glioblastoma Cell Membrane for Targeted Multimodal Imaging of Brain Tumors. <i>Advanced Functional Materials</i> , 2020, 30, 2004346.	7.8	52
5	Mechanical confinement triggers glioma linear migration dependent on formin FHOD3. <i>Molecular Biology of the Cell</i> , 2016, 27, 1246-1261.	0.9	51
6	ST3GAL1-Associated Transcriptomic Program in Glioblastoma Tumor Growth, Invasion, and Prognosis. <i>Journal of the National Cancer Institute</i> , 2016, 108, .	3.0	48
7	Outcomes of chronic subdural hematoma drainage in nonagenarians and centenarians: a multicenter study. <i>Journal of Neurosurgery</i> , 2016, 124, 546-551.	0.9	48
8	Nitric Oxide and Subarachnoid Hemorrhage: Elevated Levels in Cerebrospinal Fluid and Their Implications. <i>Neurosurgery</i> , 2001, 49, 622-627.	0.6	47
9	Aquaporin-4 expression is increased in edematous meningiomas. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 441-443.	0.8	40
10	Central neurocytoma: typical magnetic resonance spectroscopy findings and atypical ventricular dissemination. <i>Magnetic Resonance Imaging</i> , 2008, 26, 59-64.	1.0	38
11	Revision of vagal nerve stimulation (VNS) electrodes: review and report on use of ultra-sharp monopolar tip. <i>Child's Nervous System</i> , 2010, 26, 1081-1084.	0.6	38
12	Glial cell-line derived neurotrophic factor (GDNF) family of ligands confer chemoresistance in a ligand-specific fashion in malignant gliomas. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 427-436.	0.8	35
13	A single institution experience of the incidence of extracranial metastasis in glioma. <i>Journal of Clinical Neuroscience</i> , 2012, 19, 1511-1515.	0.8	34
14	Comparison of Magnetic Resonance Spectroscopy and Perfusion-weighted Imaging in Presurgical Grading of Oligodendroglial Tumors. <i>Neurosurgery</i> , 2005, , .	0.6	30
15	Independent Mobility Achieved through a Wireless Brain-Machine Interface. <i>PLoS ONE</i> , 2016, 11, e0165773.	1.1	30
16	Image guidance and neuromonitoring in neurosurgery. <i>Child's Nervous System</i> , 2010, 26, 491-502.	0.6	29
17	Spinal and extracranial metastatic dissemination of malignant glioma. <i>Journal of Clinical Neuroscience</i> , 2005, 12, 379-382.	0.8	28
18	Redox-Active Mn Porphyrin-based Potent SOD Mimic, MnTnBuOE-2-PyP5+, Enhances Carboxolone-Mediated TRAIL-Induced Apoptosis in Glioblastoma Multiforme. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 140-155.	5.6	28

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19	Integrated treatment modality of cathodal-transcranial direct current stimulation with peripheral sensory stimulation affords neuroprotection in a rat stroke model. <i>Neurophotonics</i> , 2017, 4, 1.	1.7	27
20	Pleomorphic xanthoastrocytoma in elderly patients may portend a poor prognosis. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 476-478.	0.8	26
21	Assessment of neurovascular dynamics during transient ischemic attack by the novel integration of micro-electrocorticography electrode array with functional photoacoustic microscopy. <i>Neurobiology of Disease</i> , 2015, 82, 455-465.	2.1	26
22	A Distinct Reactive Oxygen Species Profile Confers Chemoresistance in Glioma-Propagating Cells and Associates with Patient Survival Outcome. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 2261-2279.	2.5	25
23	Investigation of the usefulness of fluorescein sodium fluorescence in stereotactic brain biopsy. <i>Acta Neurochirurgica</i> , 2018, 160, 317-324.	0.9	25
24	Optimization of ventricular catheter placement via posterior approaches. <i>World Neurosurgery</i> , 2008, 70, 274-277.	1.3	24
25	Re-do Craniotomy for Recurrent Grade IV Glioblastomas: Impact and Outcomes from the National Neuroscience Institute Singapore. <i>World Neurosurgery</i> , 2016, 87, 439-445.	0.7	24
26	Stimulation threshold potentials of intraoperative cortical motor mapping using monopolar trains of five in pediatric epilepsy surgery. <i>Child's Nervous System</i> , 2010, 26, 675-679.	0.6	23
27	The Fluoropen: a simple low-cost device to detect intraoperative fluorescein fluorescence in stereotactic needle biopsy of brain tumors. <i>Acta Neurochirurgica</i> , 2017, 159, 371-375.	0.9	23
28	Higher glioblastoma tumour burden reduces efficacy of chemotherapeutic agents: in vitro evidence. <i>Journal of Clinical Neuroscience</i> , 2007, 14, 261-266.	0.8	19
29	Targeting regions with highest lipid content on MR spectroscopy may improve diagnostic yield in stereotactic biopsy. <i>Journal of Clinical Neuroscience</i> , 2008, 15, 502-506.	0.8	17
30	Progenitor-like Traits Contribute to Patient Survival and Prognosis in Oligodendroglial Tumors. <i>Clinical Cancer Research</i> , 2012, 18, 4122-4135.	3.2	16
31	Simultaneous functional photoacoustic microscopy and electrocorticography reveal the impact of rtPA on dynamic neurovascular functions after cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 980-995.	2.4	15
32	Disseminated spread of recurrent oligodendroglioma (WHO Grade II). <i>Journal of Clinical Neuroscience</i> , 2006, 13, 602-607.	0.8	14
33	High-frequency stimulation of the globus pallidus interna nucleus modulates GFR β 1 gene expression in the basal ganglia. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 657-660.	0.8	14
34	An open label randomized trial to assess the efficacy of tranexamic acid in reducing post-operative recurrence of chronic subdural haemorrhage. <i>Journal of Clinical Neuroscience</i> , 2020, 82, 147-154.	0.8	14
35	Telemedicine in Emergency Neurological Service Provision in Singapore: Using Technology to Overcome Limitations. <i>Telemedicine Journal and E-Health</i> , 2009, 15, 560-565.	1.6	13
36	Spinal epidural haematoma: MRI-aided diagnosis. <i>Journal of Clinical Neuroscience</i> , 2002, 9, 92-94.	0.8	12

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37	DIFFUSION TENSOR TRACTOGRAPHY. <i>Neurosurgery</i> , 2008, 63, 452-459.	0.6	11
38	Value of routine early post-operative computed tomography in determining short-term functional outcome after drainage of chronic subdural hematoma: An evaluation of residual volume. , 2014, 5, 136.		11
39	Lateral temporal lobectomy with hippocampal disconnection as an alternative surgical technique for temporal lobe epilepsy. <i>Journal of Clinical Neuroscience</i> , 2010, 17, 634-635.	0.8	9
40	Awake craniotomy using electromagnetic navigation technology without rigid pin fixation. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1827-1829.	0.8	9
41	Image-based Motor Imagery EEG Classification using Convolutional Neural Network. , 2019, , .		9
42	A case of hyperdense diploic epidermoid cyst on CT scan mimicking meningioma. <i>Journal of Clinical Neuroscience</i> , 2004, 11, 930-932.	0.8	7
43	Use of Multimedia Messaging System (MMS) by Junior Doctors for Scan Image Transmission in Neurosurgery. <i>World Neurosurgery</i> , 2012, 77, 384-387.	0.7	7
44	A computed tomography morphometric study of occipital bone and C2 pedicle anatomy for occipital-cervical fusion. , 2014, 5, 380.		6
45	Treatment of severe, disabling spasticity with continuous intrathecal baclofen therapy following acquired brain injury: the experience of a tertiary institution in Singapore. <i>Singapore Medical Journal</i> , 2016, 57, 8-12.	0.3	6
46	Metastatic pleomorphic xanthoastrocytoma in the scalp. <i>Journal of Clinical Neuroscience</i> , 2011, 18, 565-567.	0.8	5
47	Synchronous multicentric glioblastoma with PNET and O subtypes: Possible pathogenesis. , 2014, 5, 31.		5
48	Teleradiology and Emergency Neurosurgery-Presence in a Small Asian City State and Need in a Large Canadian Province. <i>Journal of Brain Disease</i> , 2009, 1, JCNSD.S2216.	0.1	3
49	An unusual parahippocampal lesion presenting with seizures. <i>Journal of Clinical Neuroscience</i> , 2009, 16, 944.	0.8	2
50	The Australasian contribution to the development of neurosurgery in Singapore. <i>ANZ Journal of Surgery</i> , 2016, 86, 961-962.	0.3	2
51	Characterization of Pyramidal Tract Shift in High-Grade Glioma Resection. <i>World Neurosurgery</i> , 2017, 107, 612-622.	0.7	2
52	Teleradiology Multimedia Messaging Service in the Provision of Emergency Neurosurgical Service. , 2008, , 77-87.		2
53	Management of ventriculo-peritoneal shunts in the paediatric population. <i>Asian Journal of Neurosurgery</i> , 2010, 5, 7-14.	0.0	2
54	In Reply to the Letter to the Editor regarding "Re-do Craniotomy for Recurrent Grade IV Glioblastomas: Impact and Outcomes from the National Neuroscience Institute Singapore". <i>World Neurosurgery</i> , 2016, 92, 576.	0.7	0

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55	IDH1 mutant negative ganglioglioma progression to gliosarcoma. Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, 2017, 9, 41-44.	0.2	0
56	Journal Watch: our panel of experts highlight the most important research articles across the spectrum of topics relevant to the field of CNS oncology. CNS Oncology, 2019, 8, CNS32.	1.2	0
57	A preclinical study on the combined treatment of nimotuzumab and sirolimus in glioblastoma.. Journal of Clinical Oncology, 2012, 30, 2066-2066.	0.8	0
58	Serum procalcitonin is a marker for prediction of readmission from an intermediate care to an acute care hospital in neurosurgical patients. , 2015, 6, 144.		0