

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.

95 papers	2,735 citations	23 h-index	51 g-index
97 ext. papers	3,170 ext. citations	4.2 avg, IF	4.6 L-index

#	Paper	IF	Citations
95	Linearized reference tissue parametric imaging methods: application to [11C]DASB positron emission tomography studies of the serotonin transporter in human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 23, 1096-112	7.3	502
94	Levodopa-induced changes in synaptic dopamine levels increase with progression of Parkinson's disease: implications for dyskinesias. <i>Brain</i> , 2004 , 127, 2747-54	11.2	307
93	Caspase-1 inhibition prevents glial inflammasome activation and pyroptosis in models of multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E6065-E6074	11.5	290
92	Biochemical variations in the synaptic level of dopamine precede motor fluctuations in Parkinson's disease: PET evidence of increased dopamine turnover. <i>Annals of Neurology</i> , 2001 , 49, 298-303	9.4	179
91	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. <i>Cancer Cell</i> , 2016 , 30, 891-908	24.3	135
90	Persistent dopamine functions of neurons derived from embryonic stem cells in a rodent model of Parkinson disease. <i>Stem Cells</i> , 2007 , 25, 918-28	5.8	118
89	Molecular subgroups of atypical teratoid rhabdoid tumours in children: an integrated genomic and clinicopathological analysis. <i>Lancet Oncology, The</i> , 2015 , 16, 569-82	21.7	117
88	PET imaging of brain with the beta-amyloid probe, [11C]6-OH-BTA-1, in a transgenic mouse model of Alzheimer's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2005 , 32, 593-600	8.8	108
87	Validation of quantitative susceptibility mapping with Perl's Iron staining for subcortical gray matter. <i>NeuroImage</i> , 2015 , 105, 486-92	7.9	97
86	Differing roles for members of the phospholipase A2 superfamily in experimental autoimmune encephalomyelitis. <i>Brain</i> , 2009 , 132, 1221-35	11.2	77
85	Widespread decrease of nicotinic acetylcholine receptors in Parkinson's disease. <i>Annals of Neurology</i> , 2006 , 59, 174-7	9.4	76
84	Multiple sclerosis: validation of MR imaging for quantification and detection of iron. <i>Radiology</i> , 2013 , 267, 531-42	20.5	64
83	Brain microbiota disruption within inflammatory demyelinating lesions in multiple sclerosis. <i>Scientific Reports</i> , 2016 , 6, 37344	4.9	58
82	Biochemical variations in the synaptic level of dopamine precede motor fluctuations in Parkinson's disease: PET evidence of increased dopamine turnover. <i>Annals of Neurology</i> , 2001 , 49, 298-303	9.4	49
81	Immune Cell Infiltrates in Pituitary Adenomas: More Macrophages in Larger Adenomas and More T Cells in Growth Hormone Adenomas. <i>Endocrine Pathology</i> , 2015 , 26, 263-72	4.2	43
80	Rab32 connects ER stress to mitochondrial defects in multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2017 , 14, 19	10.1	38
79	Quantification of brain phosphodiesterase 4 in rat with (R)-[11C]Rolipram-PET. <i>NeuroImage</i> , 2005 , 26, 1201-10	7.9	38

78	GABA transport and neuroinflammation are coupled in multiple sclerosis: regulation of the GABA transporter-2 by ganaxolone. <i>Neuroscience</i> , 2014 , 273, 24-38	3.9	34
77	Neuroinflammation and demyelination in multiple sclerosis after allogeneic hematopoietic stem cell transplantation. <i>Archives of Neurology</i> , 2010 , 67, 716-22		30
76	Association of alpha-synuclein immunoreactivity with inflammatory activity in multiple sclerosis lesions. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009 , 68, 179-89	3.1	28
75	Granule-derived granzyme B mediates the vulnerability of human neurons to T cell-induced neurotoxicity. <i>Journal of Immunology</i> , 2011 , 187, 4861-72	5.3	27
74	Circadian rhythm in the response of central 5-HT1A receptors to 8-OH-DPAT in rats. <i>Psychopharmacology</i> , 1996 , 123, 42-5	4.7	24
73	The Influence of Corticosteroids on Diagnostic Accuracy of Biopsy for Primary Central Nervous System Lymphoma. <i>Canadian Journal of Neurological Sciences</i> , 2016 , 43, 721-5	1	24
72	Continued disease activity in a patient with multiple sclerosis after allogeneic hematopoietic cell transplantation. <i>Archives of Neurology</i> , 2009 , 66, 116-20		22
71	Circadian and circannual rhythms in the function of central 5-HT1A receptors in laboratory rats. <i>Psychopharmacology</i> , 1998 , 135, 279-83	4.7	22
70	Radiation dosimetry estimates for the PET serotonin transporter probe 11C-DASB determined from whole-body imaging in non-human primates. <i>Nuclear Medicine Communications</i> , 2004 , 25, 81-6	1.6	21
69	Multifocal complex glioneuronal tumor in an elderly man: an autopsy study: case report. <i>Neurosurgery</i> , 2009 , 64, E1193-5; discussion E1195	3.2	20
68	Tumor-to-tumor metastasis: esophageal carcinoma metastatic to an intracranial paraganglioma. <i>Journal of Neurosurgery</i> , 2009 , 110, 744-8	3.2	19
67	Communicating hydrocephalus after endovascular coiling of unruptured aneurysms: report of 2 cases. <i>Journal of Neurosurgery</i> , 2008 , 108, 1241-4	3.2	15
66	Circadian rhythm in the responsiveness of central 5-HT2A receptor to DOI in rats. <i>Psychopharmacology</i> , 1996 , 127, 113-6	4.7	15
65	Immune Cell Infiltrates in Hippocampal Sclerosis: Correlation With Neuronal Loss. <i>Journal of Neuropathology and Experimental Neurology</i> , 2017 , 76, 206-215	3.1	14
64	Microscopic Polyangiitis with Spinal Cord Involvement: A Case Report and Review of the Literature. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016 , 25, 1696-1704	2.8	14
63	Immune cell infiltrates in atypical teratoid/rhabdoid tumors. <i>Canadian Journal of Neurological Sciences</i> , 2012 , 39, 605-12	1	13
62	The regulation of reactive changes around multiple sclerosis lesions by phosphorylated signal transducer and activator of transcription. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 1135-44	3.1	11
61	Circadian rhythm in the function of central 5-HT1A receptors is endogenous in nature. <i>Cellular and Molecular Life Sciences</i> , 1997 , 53, 224-6	10.3	11

60	Neuroinflammation Preceding and Accompanying Primary Central Nervous System Lymphoma: Case Study and Literature Review. <i>World Neurosurgery</i> , 2016 , 88, 692.e1-692.e8	2.1	10
59	Somatostatin modulates the behavioral effects of dopamine receptor activation in parkinsonian rats. <i>Neuroscience</i> , 2002 , 112, 261-6	3.9	10
58	Meningioangiomatosis: A review of the variable manifestations and complex pathophysiology. <i>Journal of the Neurological Sciences</i> , 2018 , 392, 130-136	3.2	9
57	Malignant glioma with angiocentric features. <i>Journal of Neurosurgery: Pediatrics</i> , 2013 , 11, 350-5	2.1	9
56	Skull Base Calcifying Pseudoneoplasms of the Neuraxis: Two Case Reports and a Systematic Review of the Literature. <i>Canadian Journal of Neurological Sciences</i> , 2020 , 47, 389-397	1	9
55	Case Report: Meningioma with Intra-tumoural Haemorrhage Secondary to Ruptured Distal Anterior Cerebral Artery Aneurysm. <i>Open Neuroimaging Journal</i> , 2013 , 7, 32-4	0.1	8
54	Circadian rhythm in the hypothermic response to serotonin1A receptor agonist 8-OH-DPAT in rats. <i>Chronobiology International</i> , 1997 , 14, 267-73	3.6	7
53	Circadian rhythm in the response to intracerebroventricular administration of 8-OH-DPAT. <i>Brain Research</i> , 1997 , 756, 92-5	3.7	7
52	Increased intra-mitochondrial lipofuscin aggregates with spherical dense body formation in mitochondrial myopathy. <i>Journal of the Neurological Sciences</i> , 2020 , 413, 116816	3.2	6
51	Nodular fasciitis presenting in the obturator nerve and gracilis muscle. <i>Canadian Journal of Neurological Sciences</i> , 2008 , 35, 111-4	1	6
50	Neurogenic Muscle Biopsy Findings Are Common in Mitochondrial Myopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 , 78, 508-514	3.1	5
49	Low-grade ependymoma with late metastasis: autopsy case study and literature review. <i>Child's Nervous System</i> , 2015 , 31, 1565-72	1.7	5
48	Revisiting Pathological Classification Criteria for Adult Idiopathic Inflammatory Myopathies: In-Depth Analysis of Muscle Biopsies and Correlation Between Pathological Diagnosis and Clinical Manifestations. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 395-404	3.1	5
47	Pre-operative Embolization of an Intraventricular Meningioma Using Onyx. <i>Canadian Journal of Neurological Sciences</i> , 2016 , 43, 206-9	1	5
46	Polyglucosan bodies in intramuscular nerves: Association with muscle fiber denervation atrophy. <i>Journal of the Neurological Sciences</i> , 2016 , 360, 84-7	3.2	5
45	Mitochondrial neuropathy and neurogenic features in mitochondrial myopathy. <i>Mitochondrion</i> , 2021 , 56, 52-61	4.9	5
44	Toxoplasmosis of the central nervous system: Manifestations vary with immune responses. <i>Journal of the Neurological Sciences</i> , 2021 , 420, 117223	3.2	5
43	Acute tumefactive inflammatory demyelination in a child. <i>Pediatric Neurology</i> , 2011 , 44, 394-5	2.9	4

42	ALK-negative CNS anaplastic large cell lymphoma: case report and review of literature. <i>British Journal of Neurosurgery</i> , 2020 , 1-6	1	4
41	Rosette-forming Glioneuronal Tumors in the Posterior Third Ventricle. <i>Canadian Journal of Neurological Sciences</i> , 2013 , 40, 885-8	1	3
40	COVID-19-associated Critical Illness Myopathy with Direct Viral Effects.. <i>Annals of Neurology</i> , 2022 ,	9.4	3
39	Letter to the Editor Regarding "Case of Calcifying Pseudoneoplasms of the Neuraxis Coexisting with Interhemispheric Lipoma and Agenesis of the Corpus Callosum: Involvement of Infiltrating Macrophages". <i>World Neurosurgery</i> , 2020 , 139, 668-669	2.1	3
38	Anti-HMGCR myopathy overlaps with dermatomyositis-like rash: a distinct subtype of idiopathic inflammatory myopathy. <i>Journal of Neurology</i> , 2021 , 1	5.5	3
37	Incidental multifocal calcifying pseudoneoplasm of the neuraxis: case report and literature review. <i>British Journal of Neurosurgery</i> , 2020 , 1-8	1	2
36	Cylindrical Spirals in Skeletal Muscles Originate From the Longitudinal Sarcoplasmic Reticulum. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016 , 75, 148-55	3.1	2
35	Eosinophil infiltrates in pilocytic astrocytomas of children and young adults. <i>Canadian Journal of Neurological Sciences</i> , 2014 , 41, 632-7	1	2
34	Angiosarcomatous component in gliosarcoma: case report and consideration of diagnostic challenge and hemorrhagic propensity. <i>Journal of Biomedical Research</i> , 2019 , 34, 143-148	1.5	2
33	Immunohistochemical Markers in the Diagnosis of Calcifying Pseudoneoplasm of the Neuraxis. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 48, 259-266	1	2
32	Collision Lesions of Calcifying Pseudoneoplasm of the Neuraxis and Rheumatoid Nodules: A Case Report With New Pathogenic Insights. <i>International Journal of Surgical Pathology</i> , 2021 , 29, 314-320	1.2	2
31	Aerobic exercise elicits clinical adaptations in myotonic dystrophy type 1 patients independent of pathophysiological changes.. <i>Journal of Clinical Investigation</i> , 2022 ,	15.9	2
30	Brain pathology of a patient 7years after autologous hematopoietic stem cell transplantation for multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2017 , 373, 339-341	3.2	1
29	Neuronal inclusions and ßSynucleinopathy in a patient with 5p deletion syndrome. <i>Journal of the Neurological Sciences</i> , 2019 , 403, 56-58	3.2	1
28	Letter: Familial Syndromes Involving Meningiomas Provide Mechanistic Insight Into Sporadic Disease. <i>Neurosurgery</i> , 2019 , 85, E396	3.2	1
27	Sarcocystis myopathy in a patient with HIV-AIDS. <i>Journal of NeuroVirology</i> , 2018 , 24, 376-378	3.9	1
26	Multifocal inflammatory demyelination in a patient with rheumatoid arthritis and treatment complications. <i>Journal of the Neurological Sciences</i> , 2016 , 367, 305-7	3.2	1
25	Vanishing cerebral vasculitis in a patient with Lewy pathology. <i>Journal of Biomedical Research</i> , 2017 ,	1.5	1

24	Tumor-to-Tumor Metastasis: Extracranial Tumor Metastatic to Intracranial Tumors 2011 , 35-46		1
23	Leber hereditary optic neuropathy and dystonia overlapping mitochondrial encephalomyopathy with lactic acidosis and stroke-like episodes due to m.14459G>A mutation. <i>Neurological Sciences</i> , 2021 , 42, 5123-5130	3.5	1
22	Calcifying Pseudoneoplasm of the Neuraxis: From Pathogenesis to Diagnostic and Therapeutic Considerations. <i>World Neurosurgery</i> , 2021 , 148, 165-176	2.1	1
21	Dural-Based Marginal Zone Lymphoma in a Patient with Sarcoidosis. <i>World Neurosurgery</i> , 2019 , 122, 569-572	2.1	1
20	Unusual features of ependymoma in a patient with Parkinson's disease. <i>Journal of Clinical Neuroscience</i> , 2019 , 59, 310-312	2.2	1
19	Intratumoral cavernous-like malformation in subependymomas. <i>British Journal of Neurosurgery</i> , 2020 , 34, 96-97	1	1
18	Neurodevelopmental and associated changes in a patient with Xp22.31 duplication. <i>Neurological Sciences</i> , 2020 , 41, 713-716	3.5	1
17	Clinical phenotypes and prognostic features of embryonal tumours with multi-layered rosettes: a Rare Brain Tumor Registry study. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 800-813	14.5	1
16	Pituitary metastasis: From pathology to clinical and radiological considerations. <i>Journal of Clinical Neuroscience</i> , 2021 , 93, 231-240	2.2	1
15	Herpes Simplex Virus Type 2 Encephalitis Presenting as Multifocal Hemorrhagic Stroke. <i>Canadian Journal of Neurological Sciences</i> , 2020 , 47, 563-565	1	0
14	Invasive Crooke cell adenoma in a patient with diffuse large B-cell lymphoma. <i>Journal of Clinical Neuroscience</i> , 2020 , 73, 318-321	2.2	0
13	Uncal Herniation Due to External Hydrocephalus Post Intraventricular Surgery. <i>Canadian Journal of Neurological Sciences</i> , 2019 , 46, 472-474	1	0
12	Immune-mediated Necrotizing Myopathy following BNT162b2 Vaccination in a Patient with Antibodies against Receptor-binding Domain of SARS-CoV-2 and Signal Recognition Particle.. <i>Muscle and Nerve</i> , 2021 ,	3.4	0
11	Brain Toxoplasmosis and Bacterial Infection after Liver Transplantation.. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-3	1	0
10	Tumor-to-Lesion Metastasis: Case Report of Carcinoma Metastasis to Multiple Sclerosis Lesion. <i>World Neurosurgery</i> , 2018 , 116, 14-17	2.1	0
9	Histopathologic analysis of retrieved cerebral thrombi in acute ischemic stroke patients with proximal anterior circulation occlusions amenable to endovascular thrombectomy. <i>Journal of the Neurological Sciences</i> , 2021 , 429, 117617	3.2	0
8	An Ominous Facial Droop. <i>American Journal of Medicine</i> , 2019 , 132, 820-822	2.4	
7	Response to "Relation between intra-mitochondrial inclusions and pathophysiology of mitochondrial myopathy remains unprecise". <i>Journal of the Neurological Sciences</i> , 2020 , 414, 116895	3.2	

6	Neurosarcoidosis-induced multiple cerebral microinfarcts.. <i>Canadian Journal of Neurological Sciences</i> , 2022 , 1-6	1
5	Levodopa-responsive parkinsonism in a patient with corticobasal degeneration and bilateral choroid plexus xanthogranulomas. <i>Journal of Clinical Neuroscience</i> , 2020 , 71, 286-289	2.2
4	The Value of Nerve Biopsy in Transthyretin Amyloidosis with Competing Comorbidities. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 1-3	1
3	Brain Toxoplasmosis Comorbid with Autoimmune Disease: Complicated Immune Response And Case Demonstration. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 48, S8-S8	1
2	Response to: Towards an integrated functional and epileptological approach in the management of meningoangiomatosis. <i>Journal of the Neurological Sciences</i> , 2018 , 394, 146	3.2
1	Multiple pathological components in gliosarcoma. <i>Journal of Biomedical Research</i> , 2020 , 35, 408-410	1.5