

# Frank L Heppner

## List of Publications by Year in descending order

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Version: 2024-02-01

178  
papers

23,402  
citations

13099

68  
h-index

8866

145  
g-index

202  
all docs

202  
docs citations

202  
times ranked

34372  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018, 555, 469-474.	27.8	1,872
2	The TREM2-APOE Pathway Drives the Transcriptional Phenotype of Dysfunctional Microglia in Neurodegenerative Diseases. <i>Immunity</i> , 2017, 47, 566-581.e9.	14.3	1,741
3	Immune attack: the role of inflammation in Alzheimer disease. <i>Nature Reviews Neuroscience</i> , 2015, 16, 358-372.	10.2	1,677
4	Olfactory transmucosal SARS-CoV-2 invasion as a port of central nervous system entry in individuals with COVID-19. <i>Nature Neuroscience</i> , 2021, 24, 168-175.	14.8	991
5	Dendritic cells permit immune invasion of the CNS in an animal model of multiple sclerosis. <i>Nature Medicine</i> , 2005, 11, 328-334.	30.7	775
6	A Cre-inducible diphtheria toxin receptor mediates cell lineage ablation after toxin administration. <i>Nature Methods</i> , 2005, 2, 419-426.	19.0	744
7	Experimental autoimmune encephalomyelitis repressed by microglial paralysis. <i>Nature Medicine</i> , 2005, 11, 146-152.	30.7	667
8	An unconventional role for miRNA: let-7 activates Toll-like receptor 7 and causes neurodegeneration. <i>Nature Neuroscience</i> , 2012, 15, 827-835.	14.8	647
9	High-Dimensional Single-Cell Mapping of Central Nervous System Immune Cells Reveals Distinct Myeloid Subsets in Health, Aging, and Disease. <i>Immunity</i> , 2018, 48, 380-395.e6.	14.3	638
10	Stem Cell-Related Self-Renewal Signature and High Epidermal Growth Factor Receptor Expression Associated With Resistance to Concomitant Chemoradiotherapy in Glioblastoma. <i>Journal of Clinical Oncology</i> , 2008, 26, 3015-3024.	1.6	631
11	Ror1 <sup>3t+</sup> innate lymphocytes and Î³Î³ T cells initiate psoriasiform plaque formation in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 2252-2256.	8.2	456
12	Formation and maintenance of Alzheimer's disease Î²-amyloid plaques in the absence of microglia. <i>Nature Neuroscience</i> , 2009, 12, 1361-1363.	14.8	390
13	Functional Impairment of Microglia Coincides with Beta-Amyloid Deposition in Mice with Alzheimer-Like Pathology. <i>PLoS ONE</i> , 2013, 8, e60921.	2.5	381
14	Inhibition of IL-12/IL-23 signaling reduces Alzheimer's disease-like pathology and cognitive decline. <i>Nature Medicine</i> , 2012, 18, 1812-1819.	30.7	359
15	IL-17A and IL-17F do not contribute vitally to autoimmune neuro-inflammation in mice. <i>Journal of Clinical Investigation</i> , 2009, 119, 61-9.	8.2	347
16	Gliomas induce and exploit microglial MT1-MMP expression for tumor expansion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12530-12535.	7.1	335
17	Prevention of Scrapie Pathogenesis by Transgenic Expression of Anti-Prion Protein Antibodies. <i>Science</i> , 2001, 294, 178-182.	12.6	334
18	IL-22 Is Expressed by Th17 Cells in an IL-23-Dependent Fashion, but Not Required for the Development of Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2007, 179, 8098-8104.	0.8	298

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19	Novel Pentameric Thiophene Derivatives for <i>in Vitro</i> and <i>in Vivo</i> Optical Imaging of a Plethora of Protein Aggregates in Cerebral Amyloidoses. <i>ACS Chemical Biology</i> , 2009, 4, 673-684.	3.4	290
20	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. <i>Cell</i> , 2021, 184, 6243-6261.e27.	28.9	277
21	MGMT methylation analysis of glioblastoma on the Infinium methylation BeadChip identifies two distinct CpG regions associated with gene silencing and outcome, yielding a prediction model for comparisons across datasets, tumor grades, and CIMP-status. <i>Acta Neuropathologica</i> , 2012, 124, 547-560.	7.7	274
22	Causes of death and comorbidities in hospitalized patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 4263.	3.3	272
23	Microglia actions in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2013, 126, 461-477.	7.7	247
24	Neuroprotective function for ramified microglia in hippocampal excitotoxicity. <i>Journal of Neuroinflammation</i> , 2012, 9, 27.	7.2	227
25	Sympathetic Innervation of Lymphoreticular Organs Is Rate Limiting for Prion Neuroinvasion. <i>Neuron</i> , 2001, 31, 25-34.	8.1	223
26	Microglial repopulation model reveals a robust homeostatic process for replacing CNS myeloid cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18150-18155.	7.1	210
27	Transepthelial prion transport by M cells. <i>Nature Medicine</i> , 2001, 7, 976-977.	30.7	209
28	Positioning of follicular dendritic cells within the spleen controls prion neuroinvasion. <i>Nature</i> , 2003, 425, 957-962.	27.8	195
29	Microglia/macrophages promote glioma progression. <i>Glia</i> , 2011, 59, 472-485.	4.9	188
30	Paracrine and autocrine mechanisms of apelin signaling govern embryonic and tumor angiogenesis. <i>Developmental Biology</i> , 2007, 305, 599-614.	2.0	174
31	Essential role of interleukin-6 in post-stroke angiogenesis. <i>Brain</i> , 2012, 135, 1964-1980.	7.6	174
32	High-fat diet-induced brain region-specific phenotypic spectrum of CNS resident microglia. <i>Acta Neuropathologica</i> , 2016, 132, 361-375.	7.7	172
33	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021, 12, 3818.	12.8	172
34	Pathway Analysis of Glioblastoma Tissue after Preoperative Treatment with the EGFR Tyrosine Kinase Inhibitor Gefitinib: A Phase II Trial. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1102-1112.	4.1	170
35	Beclin1-driven autophagy modulates the inflammatory response of microglia via <i>NLRP3</i> . <i>EMBO Journal</i> , 2019, 38, .	7.8	161
36	Cell-Cycle Proteins Control Production of Neutrophil Extracellular Traps. <i>Developmental Cell</i> , 2017, 43, 449-462.e5.	7.0	159

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37	Absence of the prion protein homologue Doppel causes male sterility. <i>EMBO Journal</i> , 2002, 21, 3652-3658.	7.8	145
38	Resident microglia rather than peripheral macrophages promote vascularization in brain tumors and are source of alternative pro-angiogenic factors. <i>Acta Neuropathologica</i> , 2016, 131, 365-378.	7.7	144
39	A versatile prion replication assay in organotypic brain slices. <i>Nature Neuroscience</i> , 2008, 11, 109-117.	14.8	133
40	Hypothalamic innate immune reaction in obesity. <i>Nature Reviews Endocrinology</i> , 2015, 11, 339-351.	9.6	133
41	Glioma-derived versican promotes tumor expansion via glioma-associated microglial/macrophages Toll-like receptor 2 signaling. <i>Neuro-Oncology</i> , 2015, 17, 200-210.	1.2	131
42	CD11c-expressing cells reside in the juxtavascular parenchyma and extend processes into the glia limitans of the mouse nervous system. <i>Acta Neuropathologica</i> , 2011, 121, 445-458.	7.7	130
43	Oral Prion Infection Requires Normal Numbers of Peyer's Patches but Not of Enteric Lymphocytes. <i>American Journal of Pathology</i> , 2003, 162, 1103-1111.	3.8	125
44	Primary oligodendrocyte death does not elicit anti-CNS immunity. <i>Nature Neuroscience</i> , 2012, 15, 543-550.	14.8	121
45	A 2015 update on predictive molecular pathology and its role in targeted cancer therapy: a review focussing on clinical relevance. <i>Cancer Gene Therapy</i> , 2015, 22, 417-430.	4.6	112
46	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. <i>Cell Metabolism</i> , 2016, 24, 502-509.	16.2	110
47	Microglia inflict delayed brain injury after subarachnoid hemorrhage. <i>Acta Neuropathologica</i> , 2015, 130, 215-231.	7.7	107
48	Association Between SARS-CoV-2 Infection and Immune-Mediated Myopathy in Patients Who Have Died. <i>JAMA Neurology</i> , 2021, 78, 948.	9.0	106
49	Humoral immune response to native eukaryotic prion protein correlates with anti-prion protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14670-14676.	7.1	105
50	IL-4/IL-13-Dependent Alternative Activation of Macrophages but Not Microglial Cells Is Associated with Uncontrolled Cerebral Cryptococcosis. <i>American Journal of Pathology</i> , 2009, 174, 486-496.	3.8	103
51	Immune-Mediated Necrotizing Myopathy Is Characterized by a Specific Th1-M1 Polarized Immune Profile. <i>American Journal of Pathology</i> , 2012, 181, 2161-2171.	3.8	102
52	Impact of peripheral myeloid cells on amyloid- $\beta$ pathology in Alzheimer's disease-like mice. <i>Journal of Experimental Medicine</i> , 2015, 212, 1811-1818.	8.5	99
53	No Superoxide Dismutase Activity of Cellular Prion Protein in vivo. <i>Biological Chemistry</i> , 2003, 384, 1279-85.	2.5	97
54	Why misinterpretation of electron micrographs in SARS-CoV-2-infected tissue goes viral. <i>Lancet</i> , The, 2020, 396, e64-e65.	13.7	96

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55	Evidence for Age-Dependent <i>in Vivo</i> Conformational Rearrangement within A $\beta$ Amyloid Deposits. ACS Chemical Biology, 2013, 8, 1128-1133.	3.4	93
56	Astrocytic Factors Deactivate Antigen Presenting Cells that Invade the Central Nervous System. Brain Pathology, 1998, 8, 459-474.	4.1	92
57	M2 Polarized Macrophages and Giant Cells Contribute to Myofibrosis in Neuromuscular Sarcoidosis. American Journal of Pathology, 2011, 178, 1279-1286.	3.8	92
58	Astrocyte Depletion Impairs Redox Homeostasis and Triggers Neuronal Loss in the Adult CNS. Cell Reports, 2015, 12, 1377-1384.	6.4	92
59	Nuclear actin aggregation is a hallmark of anti-synthetase syndrome-induced dysimmune myopathy. Neurology, 2015, 84, 1346-1354.	1.1	90
60	Intravascular Inflammation Triggers Intracerebral Activated Microglia and Contributes to Secondary Brain Injury After Experimental Subarachnoid Hemorrhage (eSAH). Translational Stroke Research, 2017, 8, 144-156.	4.2	85
61	Early and Rapid Engraftment of Bone Marrow-Derived Microglia in Scrapie. Journal of Neuroscience, 2006, 26, 11753-11762.	3.6	82
62	Vitamin E induces ramification and downregulation of adhesion molecules in cultured microglial cells. , 1998, 22, 180-188.		79
63	Microglial ablation and lipopolysaccharide preconditioning affects pilocarpine-induced seizures in mice. Neurobiology of Disease, 2010, 39, 85-97.	4.4	79
64	Impairment of Immunoproteasome Function by $\beta$ 5i/LMP7 Subunit Deficiency Results in Severe Enterovirus Myocarditis. PLoS Pathogens, 2011, 7, e1002233.	4.7	78
65	Prosurvival Effect of DHCR24/Seladin-1 in Acute and Chronic Responses to Oxidative Stress. Molecular and Cellular Biology, 2008, 28, 539-550.	2.3	77
66	Interventional strategies against prion diseases. Nature Reviews Neuroscience, 2001, 2, 745-749.	10.2	76
67	Cerebellar stem cells act as medulloblastoma-initiating cells in a mouse model and a neural stem cell signature characterizes a subset of human medulloblastomas. Oncogene, 2010, 29, 1845-1856.	5.9	74
68	Paracrine Inhibition of Prion Propagation by Anti-PrP Single-Chain Fv Miniantibodies. Journal of Virology, 2005, 79, 8330-8338.	3.4	73
69	Activated microglial cells migrate towards sites of excitotoxic neuronal injury inside organotypic hippocampal slice cultures. European Journal of Neuroscience, 1998, 10, 3284-3290.	2.6	72
70	Genetic and Expression Profiles of Cerebellar Liponeurocytomas. Brain Pathology, 2004, 14, 281-289.	4.1	69
71	Human endogenous retrovirus HERV-K(HML-2) RNA causes neurodegeneration through Toll-like receptors. JCI Insight, 2020, 5, .	5.0	68
72	Nuclear Translocation Uncovers the Amyloid Peptide A $\beta$ 242 as a Regulator of Gene Transcription*. Journal of Biological Chemistry, 2014, 289, 20182-20191.	3.4	65

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73	McLeod myopathy revisited: more neurogenic and less benign. <i>Brain</i> , 2007, 130, 3285-3296.	7.6	64
74	Microglia as Dynamic and Essential Components of the Amyloid Hypothesis. <i>Neuron</i> , 2013, 78, 575-577.	8.1	64
75	Circumventing Tolerance to the Prion Protein (PrP): Vaccination with PrP-Displaying Retrovirus Particles Induces Humoral Immune Responses against the Native Form of Cellular PrP. <i>Journal of Virology</i> , 2005, 79, 4033-4042.	3.4	62
76	Heat shock factor 1 regulates lifespan as distinct from disease onset in prion disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13626-13631.	7.1	62
77	Proposal for a New Grading of Moyamoya Disease in Adult Patients. <i>Cerebrovascular Diseases</i> , 2011, 32, 41-50.	1.7	58
78	Predictive molecular pathology and its role in targeted cancer therapy: a review focussing on clinical relevance. <i>Cancer Gene Therapy</i> , 2013, 20, 211-221.	4.6	58
79	Gene expression profiling and subgroup identification of oligodendrogliomas. <i>Oncogene</i> , 2004, 23, 6012-6022.	5.9	56
80	Fluorescent Dye Prelabelled Microglial Cells Migrate into Organotypic Hippocampal Slice Cultures and Ramify. <i>European Journal of Neuroscience</i> , 1997, 9, 863-866.	2.6	54
81	Modeling multiple sclerosis in laboratory animals. <i>Seminars in Immunopathology</i> , 2009, 31, 479-495.	6.1	53
82	The genomic and transcriptional landscape of primary central nervous system lymphoma. <i>Nature Communications</i> , 2022, 13, 2558.	12.8	52
83	Immune system and peripheral nerves in propagation of prions to CNS. <i>British Medical Bulletin</i> , 2003, 66, 141-159.	6.9	51
84	Personalized risk prediction of postoperative cognitive impairment – rationale for the EU-funded BioCog project. <i>European Psychiatry</i> , 2018, 50, 34-39.	0.2	51
85	Effects of sunitinib on tumor hemodynamics and delivery of chemotherapy. <i>International Journal of Cancer</i> , 2009, 124, 1293-1300.	5.1	49
86	Impaired Pten Expression in Human Malignant Peripheral Nerve Sheath Tumours. <i>PLoS ONE</i> , 2012, 7, e47595.	2.5	49
87	Fractionated stereotactic radiotherapy boost after post-operative radiotherapy in patients with high-grade gliomas. <i>Radiotherapy and Oncology</i> , 2003, 67, 183-190.	0.6	48
88	Immunoproteasome deficiency alters microglial cytokine response and improves cognitive deficits in Alzheimer’s disease-like APPPS1 mice. <i>Acta Neuropathologica Communications</i> , 2017, 5, 52.	5.2	48
89	Predictive MGMT status in a homogeneous cohort of IDH wildtype glioblastoma patients. <i>Acta Neuropathologica Communications</i> , 2019, 7, 89.	5.2	48
90	Detection of kappa and delta opioid receptors in skin – Outside the nervous system. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1012-1017.	2.1	47

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91	Luminescent Conjugated Oligothiophenes for Sensitive Fluorescent Assignment of Protein Inclusion Bodies. <i>ChemBioChem</i> , 2013, 14, 607-616.	2.6	47
92	Prognostic impact of B-cell lymphoma 6 in primary CNS lymphoma. <i>Neuro-Oncology</i> , 2015, 17, 1016-1021.	1.2	46
93	Treatment of a genetic brain disease by CNS-wide microglia replacement. <i>Science Translational Medicine</i> , 2022, 14, eabl9945.	12.4	45
94	Abdominal seeding of an atypical teratoid/rhabdoid tumor of the pineal gland along a ventriculoperitoneal shunt catheter. <i>Acta Neuropathologica</i> , 2006, 111, 56-59.	7.7	44
95	Inhibiting receptor tyrosine kinase AXL with small molecule inhibitor BMS-777607 reduces glioblastoma growth, migration, and invasion <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 9876-9889.	1.8	44
96	Pathogenesis of prion diseases: a progress report. <i>Cell Death and Differentiation</i> , 2000, 7, 889-902.	11.2	42
97	Microsatellite Instability in Pediatric and Adult High-grade Gliomas. <i>Brain Pathology</i> , 2007, 17, 146-150.	4.1	42
98	Intravenous injection of beta-amyloid seeds promotes cerebral amyloid angiopathy (CAA). <i>Acta Neuropathologica Communications</i> , 2018, 6, 23.	5.2	40
99	Disruption of Doppel prevents neurodegeneration in mice with extensive Prnp deletions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4198-4203.	7.1	39
100	Reprogrammed quiescent B cells provide an effective cellular therapy against chronic experimental autoimmune encephalomyelitis. <i>European Journal of Immunology</i> , 2011, 41, 1696-1708.	2.9	37
101	Recent developments in prion immunotherapy. <i>Current Opinion in Immunology</i> , 2004, 16, 594-598.	5.5	35
102	Conserved size and periodicity of pyramidal patches in layer 2 of medial/caudal entorhinal cortex. <i>Journal of Comparative Neurology</i> , 2016, 524, 783-806.	1.6	35
103	First report from the German COVID-19 autopsy registry. <i>Lancet Regional Health - Europe</i> , 2022, 15, 100330.	5.6	33
104	Alzheimer's A $\beta$ vaccination of rhesus monkeys ( <i>Macaca mulatta</i> ). <i>Mechanisms of Ageing and Development</i> , 2004, 125, 149-151.	4.6	31
105	Spermidine reduces neuroinflammation and soluble amyloid beta in an Alzheimer's disease mouse model. <i>Journal of Neuroinflammation</i> , 2022, 19, .	7.2	31
106	Cerebral and Peripheral Amyloid Phagocytes" an Old Liaison with a New Twist. <i>Neuron</i> , 2008, 59, 8-10.	8.1	29
107	Long-Term Stability of Alzheimer's Disease Biomarker Proteins in Cerebrospinal Fluid. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 255-262.	2.6	29
108	Membrane-type 1 metalloproteinase is upregulated in microglia/brain macrophages in neurodegenerative and neuroinflammatory diseases. <i>Journal of Neuroscience Research</i> , 2014, 92, 275-286.	2.9	29

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109	Retinal microangiopathy and rapidly fatal cerebral edema in a patient with adult-onset Still's disease and concurrent macrophage activation syndrome. <i>American Journal of Hematology</i> , 2008, 83, 424-427.	4.1	28
110	Organ manifestations of COVID-19: what have we learned so far (not only) from autopsies?. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2022, 481, 139-159.	2.8	28
111	What SARS-CoV-2 does to our brains. <i>Immunity</i> , 2022, 55, 1159-1172.	14.3	28
112	Current Concepts and Future Prospects for Alzheimer Disease Vaccines. <i>Alzheimer Disease and Associated Disorders</i> , 2004, 18, 38-43.	1.3	27
113	<scp>A</scp>strocytic glutamine synthetase is expressed in the neuronal somatic layers and downâ€regulated proportionally to neuronal loss in the human epileptic hippocampus. <i>Glia</i> , 2018, 66, 920-933.	4.9	27
114	Combination of Hedgehog Signaling Blockage and Chemotherapy Leads to Tumor Reduction in Pancreatic Adenocarcinomas. <i>Pancreas</i> , 2012, 41, 222-229.	1.1	26
115	Renal cell carcinoma marker reliably discriminates central nervous system haemangioblastoma from brain metastases of renal cell carcinoma. <i>Histopathology</i> , 2008, 52, 674-681.	2.9	25
116	A case of late onset leukoencephalopathy with cerebral calcifications and cysts in a 59â€yearâ€old woman. <i>European Journal of Neurology</i> , 2009, 16, 278-281.	3.3	25
117	The 4q12 Amplicon in Malignant Peripheral Nerve Sheath Tumors: Consequences on Gene Expression and Implications for Sunitinib Treatment. <i>PLoS ONE</i> , 2010, 5, e11858.	2.5	25
118	Alzheimer AÎ² Vaccination of Rhesus Monkeys (Macaca Mulatta). <i>Alzheimer Disease and Associated Disorders</i> , 2004, 18, 44-46.	1.3	24
119	An azide functionalized oligothiophene ligand â€ A versatile tool for multimodal detection of disease associated protein aggregates. <i>Biosensors and Bioelectronics</i> , 2015, 63, 204-211.	10.1	24
120	Two-Photon Fluorescence and Magnetic Resonance Specific Imaging of AÎ² Amyloid Using Hybrid Nano-GdF<sub>3</sub> Contrast Media. <i>ACS Applied Bio Materials</i> , 2018, 1, 462-472.	4.6	24
121	Interleukinâ€12/23 deficiency differentially affects pathology in male and female Alzheimer's diseaseâ€like mice. <i>EMBO Reports</i> , 2020, 21, e48530.	4.5	24
122	Phospho-AXL is widely expressed in glioblastoma and associated with significant shorter overall survival. <i>Oncotarget</i> , 2017, 8, 50403-50414.	1.8	24
123	Homogeneous MGMT Immunoreactivity Correlates with an Unmethylated MGMT Promoter Status in Brain Metastases of Various Solid Tumors. <i>PLoS ONE</i> , 2009, 4, e4775.	2.5	23
124	Comparison of Immunosorbent Assays for the Quantification of Biomarkers for Alzheimerâ€™s Disease in Human Cerebrospinal Fluid. <i>Dementia and Geriatric Cognitive Disorders</i> , 2011, 31, 139-145.	1.5	22
125	Enhanced Fluorescent Assignment of Protein Aggregates by an Oligothiopheneâ€Porphyrinâ€Based Amyloid Ligand. <i>Macromolecular Rapid Communications</i> , 2013, 34, 723-730.	3.9	22
126	Architectural B-cell organization in skeletal muscle identifies subtypes of dermatomyositis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2018, 5, e451.	6.0	19



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127	Molecular characterization of CNS paragangliomas identifies cauda equina paragangliomas as a distinct tumor entity. <i>Acta Neuropathologica</i> , 2020, 140, 893-906.	7.7	19
128	Apelin Controls Angiogenesis-Dependent Glioblastoma Growth. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4179.	4.1	19
129	T <sub>H</sub> 2 immunity in lesions of muscular sarcoidosis and macrophagic myofasciitis. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 952-963.	3.2	18
130	Collapse induration of alveoli is an ultrastructural finding in a COVID-19 patient. <i>European Respiratory Journal</i> , 2021, 57, 2004165.	6.7	18
131	Pathogenesis of prion diseases: possible implications of microglial cells. <i>Progress in Brain Research</i> , 2001, 132, 737-750.	1.4	17
132	Enhanced Acute Immune Response in IL-12p35 <sup>-/-</sup> Mice Is Followed by Accelerated Distinct Repair Mechanisms in Staphylococcus aureus-Induced Murine Brain Abscess. <i>Journal of Infectious Diseases</i> , 2013, 208, 749-760.	4.0	16
133	Impaired neural stem cell expansion and hypersensitivity to epileptic seizures in mice lacking the EGFR in the brain. <i>FEBS Journal</i> , 2018, 285, 3175-3196.	4.7	16
134	TERT promoter mutation and chromosome 6 loss define a high-risk subtype of ependymoma evolving from posterior fossa subependymoma. <i>Acta Neuropathologica</i> , 2021, 141, 959-970.	7.7	16
135	Preparation of Samples for Large-Scale Automated Electron Microscopy of Tissue and Cell Ultrastructure. <i>Microscopy and Microanalysis</i> , 2021, 27, 815-827.	0.4	16
136	MGMT Promoter Methylation and BRAF V600E Mutations Are Helpful Markers to Discriminate Pleomorphic Xanthoastrocytoma from Giant Cell Glioblastoma. <i>PLoS ONE</i> , 2016, 11, e0156422.	2.5	16
137	Spongiform encephalopathies: Insights from transgenic models. <i>Advances in Virus Research</i> , 2001, 56, 313-352.	2.1	15
138	Loss of USP18 in microglia induces white matter pathology. <i>Acta Neuropathologica Communications</i> , 2019, 7, 106.	5.2	15
139	The evolution of the anaplastic cerebellar liponeurocytoma: case report and review of the literature. <i>Journal of Neurological Science</i> , 2015, 34, 19-25.		15
140	Immunity against prions?. <i>Trends in Molecular Medicine</i> , 2001, 7, 477-479.	6.7	14
141	Severe arterial occlusive disorder and brachysyndactyly in a boy: A further case of Grange syndrome?. <i>American Journal of Medical Genetics Part A</i> , 2001, 99, 190-195.	2.4	14
142	Intrasellar malignant peripheral nerve sheath tumor (MPNST). <i>Acta Neurochirurgica</i> , 2007, 149, 201-206.	1.7	14
143	Pipestem capillaries in necrotizing myopathy revisited. <i>Neuromuscular Disorders</i> , 2013, 23, 66-74.	0.6	14
144	The lymphoid follicle variant of dermatomyositis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2014, 1, e19.	6.0	14

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145	CNS myeloid cells critically regulate heat hyperalgesia. <i>Journal of Clinical Investigation</i> , 2018, 128, 2774-2786.	8.2	14
146	Alzheimer's amyloid immunotherapy: quo vadis?. <i>Lancet Neurology</i> , The, 2005, 4, 452-453.	10.2	13
147	Brain Tumors in S100 $\beta$ -v-erbB Transgenic Rats. <i>Journal of Neuropathology and Experimental Neurology</i> , 2006, 65, 1111-1117.	1.7	13
148	Inflammatory myopathy with abundant macrophages (IMAM): The immunology revisited. <i>Neuromuscular Disorders</i> , 2014, 24, 151-155.	0.6	13
149	Fetal akinesia caused by a novel actin filament aggregate myopathy skeletal muscle actin gene (ACTA1) mutation. <i>Neuromuscular Disorders</i> , 2010, 20, 531-533.	0.6	12
150	The most fulminant course of the Marburg variant of multiple sclerosis—autopsy findings. <i>Multiple Sclerosis Journal</i> , 2015, 21, 485-487.	3.0	12
151	Genome wide DNA copy number analysis in cholangiocarcinoma using high resolution molecular inversion probe single nucleotide polymorphism assay. <i>Experimental and Molecular Pathology</i> , 2015, 99, 344-353.	2.1	11
152	Intracellular expression of FLT3 in Purkinje cells: implications for adoptive T-cell therapies. <i>Leukemia</i> , 2019, 33, 1039-1043.	7.2	11
153	COVID-19: Autopsy findings in six patients between 26 and 46 years of age. <i>International Journal of Infectious Diseases</i> , 2021, 108, 274-281.	3.3	11
154	Current Concepts and Controversies in Prion Immunopathology. <i>Journal of Molecular Neuroscience</i> , 2004, 23, 003-012.	2.3	10
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