

Marco Prinz

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.

318
papers

32,074
citations

89
h-index

174
g-index

343
ext. papers

41,232
ext. citations

14.9
avg, IF

7.45
L-index

#	Paper	IF	Citations
318	Pleomorphic xanthoastrocytoma is a heterogeneous entity with pTERT mutations prognosticating shorter survival.. <i>Acta Neuropathologica Communications</i> , 2022 , 10, 5	7.3	2
317	IL-6-induced FOXO1 activity determines the dynamics of metabolism in CD8 T α cells cross-primed by liver sinusoidal endothelial cells.. <i>Cell Reports</i> , 2022 , 38, 110389	10.6	3
316	T-cell dysfunction in the glioblastoma microenvironment is mediated by myeloid cells releasing interleukin-10.. <i>Nature Communications</i> , 2022 , 13, 925	17.4	8
315	Flow-cytometry-based protocol to analyze respiratory chain function in mouse microglia.. <i>STAR Protocols</i> , 2022 , 3, 101186	1.4	
314	Gut microbiota drives age-related oxidative stress and mitochondrial damage in microglia via the metabolite N-carboxymethyllysine.. <i>Nature Neuroscience</i> , 2022 , 25, 295-305	25.5	11
313	CD4 T-cell-derived IL-10 promotes CNS inflammation in mice by sustaining effector T α cell survival.. <i>Cell Reports</i> , 2022 , 38, 110565	10.6	0
312	TAT-MeCP2 protein variants rescue disease phenotypes in human and mouse models of Rett syndrome.. <i>International Journal of Biological Macromolecules</i> , 2022 , 209, 972-983	7.9	0
311	Specification of CNS macrophage subsets occurs postnatally in defined niches.. <i>Nature</i> , 2022 ,	50.4	4
310	SARS-CoV-2 vaccination can elicit a CD8 T-cell dominant hepatitis.. <i>Journal of Hepatology</i> , 2022 ,	13.4	4
309	Life and death of microglia: mechanisms governing microglial states and fates.. <i>Immunology Letters</i> , 2022 , 245, 51-51	4.1	2
308	Targeting IFN activity to both B cells and plasmacytoid dendritic cells induces a robust tolerogenic response and protection against EAE. <i>Scientific Reports</i> , 2021 , 11, 21575	4.9	0
307	Microbiota-derived acetate enables the metabolic fitness of the brain innate immune system during health and disease. <i>Cell Metabolism</i> , 2021 , 33, 2260-2276.e7	24.6	29
306	PATH-23. OLIGOSARCOMA, IDH-MUTANT IS A DISTINCT AGGRESSIVE TYPE. <i>Neuro-Oncology</i> , 2021 , 23, vi119-vi120	1	
305	Profiling of Circulating Tumor DNA for Noninvasive Disease Detection, Risk Stratification, and MRD Monitoring in Patients with CNS Lymphoma. <i>Blood</i> , 2021 , 138, 6-6	2.2	4
304	Interferon-driven brain phenotype in a mouse model of RNaseT2 deficient leukoencephalopathy. <i>Nature Communications</i> , 2021 , 12, 6530	17.4	1
303	IMMU-04. UNVEILING THE TUMOR-METABOLOME-IMMUNITY AXIS OF GLIOMA. <i>Neuro-Oncology</i> , 2021 , 23, vi92-vi92	1	
302	Microglia contribute to the propagation of A β into unaffected brain tissue. <i>Nature Neuroscience</i> , 2021 ,	25.5	14

301	Evaluating microglial phenotypes using single-cell technologies. <i>Trends in Neurosciences</i> , 2021 ,	13.3	1
300	Microglia: Immune and non-immune functions. <i>Immunity</i> , 2021 , 54, 2194-2208	32.3	14
299	Erythropoietin Abrogates Post-Ischemic Activation of the NLRP3, NLRC4, and AIM2 Inflammasomes in Microglia/Macrophages in a TAK1-Dependent Manner. <i>Translational Stroke Research</i> , 2021 , 1	7.8	3
298	Analyzing microglial phenotypes across neuropathologies: a practical guide. <i>Acta Neuropathologica</i> , 2021 , 142, 923-936	14.3	4
297	Distinct Aβ pathology in the olfactory bulb and olfactory deficits in a mouse model of Aβ and Syn co-pathology. <i>Brain Pathology</i> , 2021 , e13032	6	0
296	Microglia and Central Nervous System-Associated Macrophages-From Origin to Disease Modulation. <i>Annual Review of Immunology</i> , 2021 , 39, 251-277	34.7	49
295	Cognitive impairment and altered cerebral glucose metabolism in the subacute stage of COVID-19. <i>Brain</i> , 2021 , 144, 1263-1276	11.2	74
294	Barcoded viral tracing of single-cell interactions in central nervous system inflammation. <i>Science</i> , 2021 , 372,	33.3	29
293	Tryptophan metabolism drives dynamic immunosuppressive myeloid states in IDH-mutant gliomas.. <i>Nature Cancer</i> , 2021 , 2, 723-740	15.4	17
292	Mapping of Metabolic Heterogeneity of Glioma Using MR-Spectroscopy. <i>Cancers</i> , 2021 , 13,	6.6	1
291	GPCRomics of Homeostatic and Disease-Associated Human Microglia. <i>Frontiers in Immunology</i> , 2021 , 12, 674189	8.4	5
290	Reply: From early limbic inflammation to long COVID sequelae. <i>Brain</i> , 2021 , 144, e66	11.2	2
289	Deep spatial profiling of human COVID-19 brains reveals neuroinflammation with distinct microanatomical microglia-T-cell interactions. <i>Immunity</i> , 2021 , 54, 1594-1610.e11	32.3	55
288	PIAS2-mediated blockade of IFN-β signaling: a basis for sporadic Parkinson disease dementia. <i>Molecular Psychiatry</i> , 2021 ,	15.1	5
287	CYBB/NOX2 in conventional DCs controls T cell encephalitogenicity during neuroinflammation. <i>Autophagy</i> , 2021 , 17, 1244-1258	10.2	17
286	Neuropathological evaluation of a vertebrate brain aged ~ 245 years. <i>Acta Neuropathologica</i> , 2021 , 141, 133-136	14.3	1
285	Chitinase 3-like 1 and neurofilament light chain in CSF and CNS atrophy in MS. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	5
284	Microglia facilitate repair of demyelinated lesions via post-squalene sterol synthesis. <i>Nature Neuroscience</i> , 2021 , 24, 47-60	25.5	43

283	The roles of microglia in viral encephalitis: from sensome to therapeutic targeting. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 250-258	15.4	15
282	ATG5 in microglia does not contribute vitally to autoimmune neuroinflammation in mice. <i>Autophagy</i> , 2021 , 17, 3566-3576	10.2	4
281	Mapping the origin and fate of myeloid cells in distinct compartments of the eye by single-cell profiling. <i>EMBO Journal</i> , 2021 , 40, e105123	13	24
280	Diet-dependent regulation of TGF β impairs reparative innate immune responses after demyelination. <i>Nature Metabolism</i> , 2021 , 3, 211-227	14.6	13
279	IL-17 controls central nervous system autoimmunity through the intestinal microbiome. <i>Science Immunology</i> , 2021 , 6,	28	26
278	The role of interferon regulatory factor 8 for retinal tissue homeostasis and development of choroidal neovascularisation. <i>Journal of Neuroinflammation</i> , 2021 , 18, 215	10.1	4
277	Neuronal TNF β Not β Syn, Underlies PDD-Like Disease Progression in IFN β KO Mice. <i>Annals of Neurology</i> , 2021 , 90, 789-807	9.4	
276	Current tools to interrogate microglial biology. <i>Neuron</i> , 2021 , 109, 2805-2819	13.9	7
275	Sarcoma classification by DNA methylation profiling. <i>Nature Communications</i> , 2021 , 12, 498	17.4	74
274	Neuropathological interpretation of stimulated Raman histology images of brain and spine tumors: part B. <i>Neurosurgical Review</i> , 2021 , 45, 1721	3.9	2
273	Microbiota-dependent increase in β valerobetaine alters neuronal function and is responsible for age-related cognitive decline. <i>Nature Aging</i> , 2021 , 1, 1127-1136		3
272	Stimulated Raman histology in the neurosurgical workflow of a major European neurosurgical center - part A.. <i>Neurosurgical Review</i> , 2021 , 45, 1731	3.9	1
271	Oligosarcomas, IDH-mutant are distinct and aggressive.. <i>Acta Neuropathologica</i> , 2021 , 143, 263	14.3	0
270	Ibrutinib in patients with relapsed/refractory central nervous system lymphoma: A retrospective single-centre analysis. <i>British Journal of Haematology</i> , 2020 , 190, e110-e114	4.5	5
269	Neural metabolic imbalance induced by MOF dysfunction triggers pericyte activation and breakdown of vasculature. <i>Nature Cell Biology</i> , 2020 , 22, 828-841	23.4	14
268	Novel Hexb-based tools for studying microglia in the CNS. <i>Nature Immunology</i> , 2020 , 21, 802-815	19.1	79
267	How microbiota shape microglial phenotypes and epigenetics. <i>Glia</i> , 2020 , 68, 1655-1672	9	22
266	Temporospatial distribution and transcriptional profile of retinal microglia in the oxygen-induced retinopathy mouse model. <i>Glia</i> , 2020 , 68, 1859-1873	9	21

265	Propionic Acid Shapes the Multiple Sclerosis Disease Course by an Immunomodulatory Mechanism. <i>Cell</i> , 2020 , 180, 1067-1080.e16	56.2	146
264	Chronic Peripheral Inflammation Causes a Region-Specific Myeloid Response in the Central Nervous System. <i>Cell Reports</i> , 2020 , 30, 4082-4095.e6	10.6	20
263	Expression in CD169 Macrophages is Important for Strong Immune Response after Vaccination with VSV-EBOV. <i>Vaccines</i> , 2020 , 8,	5.3	1
262	Reduced mitochondrial resilience enables non-canonical induction of apoptosis after TNF receptor signaling in virus-infected hepatocytes. <i>Journal of Hepatology</i> , 2020 , 73, 1347-1359	13.4	6
261	Identification of CNS Injury-Related microRNAs as Novel Toll-Like Receptor 7/8 Signaling Activators by Small RNA Sequencing. <i>Cells</i> , 2020 , 9,	7.9	10
260	Microglia Heterogeneity in the Single-Cell Era. <i>Cell Reports</i> , 2020 , 30, 1271-1281	10.6	178
259	Profiling peripheral nerve macrophages reveals two macrophage subsets with distinct localization, transcriptome and response to injury. <i>Nature Neuroscience</i> , 2020 , 23, 676-689	25.5	66
258	The origin, fate and function of macrophages in the peripheral nervous system-an update. <i>International Immunology</i> , 2020 , 32, 709-717	4.9	7
257	Graft-versus-host disease of the CNS is mediated by TNF upregulation in microglia. <i>Journal of Clinical Investigation</i> , 2020 , 130, 1315-1329	15.9	15
256	Long-term epilepsy-associated tumors: transcriptional signatures reflect clinical course. <i>Scientific Reports</i> , 2020 , 10, 96	4.9	4
255	Maternal Type-I interferon signaling adversely affects the microglia and the behavior of the offspring accompanied by increased sensitivity to stress. <i>Molecular Psychiatry</i> , 2020 , 25, 1050-1067	15.1	18
254	Comparative analysis of CreER transgenic mice for the study of brain macrophages: A case study. <i>European Journal of Immunology</i> , 2020 , 50, 353-362	6.1	23
253	Oligodendrocyte lineage and myelination are compromised in the gray matter of focal cortical dysplasia type IIa. <i>Epilepsia</i> , 2020 , 61, 171-184	6.4	7
252	Deciphering the heterogeneity of myeloid cells during neuroinflammation in the single-cell era. <i>Brain Pathology</i> , 2020 , 30, 1192-1207	6	2
251	Neuropathology of patients with COVID-19 in Germany: a post-mortem case series. <i>Lancet Neurology</i> , 2020 , 19, 919-929	24.1	465
250	Single cell RNA sequencing of human microglia uncovers a subset associated with Alzheimer's disease. <i>Nature Communications</i> , 2020 , 11, 6129	17.4	102
249	Infratentorial IDH-mutant astrocytoma is a distinct subtype. <i>Acta Neuropathologica</i> , 2020 , 140, 569-581	14.3	17
248	The Role of TGFβ Signaling in Microglia Maturation and Activation. <i>Trends in Immunology</i> , 2020 , 41, 836-848	14.4	23

247	Different effects of constitutive and induced microbiota modulation on microglia in a mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 119	7.3	34
246	Analysis of Driver Mutational Hot Spots in Blood-Derived Cell-Free DNA of Patients with Primary Central Nervous System Lymphoma Obtained before Intracerebral Biopsy. <i>Journal of Molecular Diagnostics</i> , 2020 , 22, 1300-1307	5.1	4
245	Reflections on the past two decades of neuroscience. <i>Nature Reviews Neuroscience</i> , 2020 , 21, 524-534	13.5	15
244	Aβ oligomers trigger and accelerate Aβ seeding. <i>Brain Pathology</i> , 2020 , 30, 36-45	6	31
243	NLRP3 inflammasome as prognostic factor and therapeutic target in primary progressive multiple sclerosis patients. <i>Brain</i> , 2020 , 143, 1414-1430	11.2	41
242	Tumors diagnosed as cerebellar glioblastoma comprise distinct molecular entities. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 163	7.3	18
241	CNS myeloid cell heterogeneity at the single-cell level. <i>Neuroforum</i> , 2019 , 25, 195-204	0.7	
240	Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. <i>Cancer Cell</i> , 2019 , 36, 250-267.e9	24.3	16
239	Microglia Biology: One Century of Evolving Concepts. <i>Cell</i> , 2019 , 179, 292-311	56.2	313
238	Single-cell profiling identifies myeloid cell subsets with distinct fates during neuroinflammation. <i>Science</i> , 2019 , 363,	33.3	313
237	Microglia contribute to the glia limitans around arteries, capillaries and veins under physiological conditions, in a model of neuroinflammation and in human brain tissue. <i>Brain Structure and Function</i> , 2019 , 224, 1301-1314	4	36
236	A Subset of Skin Macrophages Contributes to the Surveillance and Regeneration of Local Nerves. <i>Immunity</i> , 2019 , 50, 1482-1497.e7	32.3	60
235	Tumor-associated reactive astrocytes aid the evolution of immunosuppressive environment in glioblastoma. <i>Nature Communications</i> , 2019 , 10, 2541	17.4	105
234	Safeguard function of PU.1 shapes the inflammatory epigenome of neutrophils. <i>Nature Immunology</i> , 2019 , 20, 546-558	19.1	23
233	Platelet GPIIb/IIIa is a mediator and potential interventional target for NASH and subsequent liver cancer. <i>Nature Medicine</i> , 2019 , 25, 641-655	50.5	123
232	Macrophages at CNS interfaces: ontogeny and function in health and disease. <i>Nature Reviews Neuroscience</i> , 2019 , 20, 547-562	13.5	127
231	Targeting microglia in brain disorders. <i>Science</i> , 2019 , 365, 32-33	33.3	51
230	Loss of USP18 in microglia induces white matter pathology. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 106	7.3	11

229	Microglia: Same same, but different. <i>Journal of Experimental Medicine</i> , 2019 , 216, 2223-2225	16.6	7
228	Resolution of neuroinflammation: mechanisms and potential therapeutic option. <i>Seminars in Immunopathology</i> , 2019 , 41, 699-709	12	35
227	Papillary glioneuronal tumor (PGNT) exhibits a characteristic methylation profile and fusions involving PRKCA. <i>Acta Neuropathologica</i> , 2019 , 137, 837-846	14.3	28
226	Spatial and temporal heterogeneity of mouse and human microglia at single-cell resolution. <i>Nature</i> , 2019 , 566, 388-392	50.4	442
225	Mapping microglia states in the human brain through the integration of high-dimensional techniques. <i>Nature Neuroscience</i> , 2019 , 22, 2098-2110	25.5	148
224	Endogenous retroviruses are associated with hippocampus-based memory impairment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 25982-25990	11.5	19
223	Cross-Species Single-Cell Analysis Reveals Divergence of the Primate Microglia Program. <i>Cell</i> , 2019 , 179, 1609-1622.e16	56.2	135
222	Microglia in Central Nervous System Inflammation and Multiple Sclerosis Pathology. <i>Trends in Molecular Medicine</i> , 2019 , 25, 112-123	11.5	149
221	U-Net: deep learning for cell counting, detection, and morphometry. <i>Nature Methods</i> , 2019 , 16, 67-70	21.6	636
220	Microglia metabolism in health and disease. <i>Neurochemistry International</i> , 2019 , 130, 104331	4.4	31
219	Discrimination of epileptogenic lesions and perilesional white matter using diffusion tensor magnetic resonance imaging. <i>Neuroradiology Journal</i> , 2019 , 32, 10-16	2	2
218	Targeting interferon activity to dendritic cells enables in vivo tolerization and protection against EAE in mice. <i>Journal of Autoimmunity</i> , 2019 , 97, 70-76	15.5	14
217	Childhood supratentorial ependymomas with YAP1-MAMLD1 fusion: an entity with characteristic clinical, radiological, cytogenetic and histopathological features. <i>Brain Pathology</i> , 2019 , 29, 205-216	6	48
216	Single-cell mass cytometry reveals distinct populations of brain myeloid cells in mouse neuroinflammation and neurodegeneration models. <i>Nature Neuroscience</i> , 2018 , 21, 541-551	25.5	164
215	Innate immune memory in the brain shapes neurological disease hallmarks. <i>Nature</i> , 2018 , 556, 332-338	50.4	390
214	Sorafenib promotes graft-versus-leukemia activity in mice and humans through IL-15 production in FLT3-ITD-mutant leukemia cells. <i>Nature Medicine</i> , 2018 , 24, 282-291	50.5	144
213	Microenvironment-Derived Regulation of HIF Signaling Drives Transcriptional Heterogeneity in Glioblastoma Multiforme. <i>Molecular Cancer Research</i> , 2018 , 16, 655-668	6.6	11
212	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018 , 555, 469-474	50.4	992

211	Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. <i>Acta Neuropathologica</i> , 2018 , 136, 273-291	14.3	99
210	Histone Deacetylases 1 and 2 Regulate Microglia Function during Development, Homeostasis, and Neurodegeneration in a Context-Dependent Manner. <i>Immunity</i> , 2018 , 48, 514-529.e6	32.3	98
209	Astrocytic NF- κ B brings the best and worst out of microglia. <i>EMBO Journal</i> , 2018 , 37,	13	1
208	Differing Outcome of Experimental Autoimmune Encephalitis in Macrophage/Neutrophil- and T Cell-Specific gp130-Deficient Mice. <i>Frontiers in Immunology</i> , 2018 , 9, 836	8.4	12
207	Mononuclear phagocytes locally specify and adapt their phenotype in a multiple sclerosis model. <i>Nature Neuroscience</i> , 2018 , 21, 1196-1208	25.5	69
206	Environmental enrichment reverses A β pathology during pregnancy in a mouse model of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 44	7.3	12
205	A Case of Large Meningeal Epithelioid Hemangioendothelioma With WWTR1-CAMTA1 Gene Rearrangement and Slow Growth Over 15 Years. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 871-876	3.1	1
204	Inhibition of experimental autoimmune encephalomyelitis by tolerance-promoting DNA vaccination focused to dendritic cells. <i>PLoS ONE</i> , 2018 , 13, e0191927	3.7	6
203	Oncogenic is differentially regulated in wild-type vs. mutant gliomas. <i>Oncotarget</i> , 2018 , 9, 37097-37111	3.3	3
202	Seed-induced A β deposition is modulated by microglia under environmental enrichment in a mouse model of Alzheimer's disease. <i>EMBO Journal</i> , 2018 , 37, 167-182	13	51
201	GENE-27. GENOME-WIDE DNA METHYLATION PROFILING IN GRADE II AND III GLIOMAS REVEALS A SUBSET OF GENES WITH PROGNOSTIC SIGNIFICANCE CONTROLLED BY PROMOTER METHYLATION. <i>Neuro-Oncology</i> , 2018 , 20, vi109-vi109	1	78
200	CSIG-21. THE ROLE OF miR-219a-2-3p AS A TUMOR SUPPRESSOR IN IDH1/2-WILD-TYPE GRADE II/III GLIOMAS. <i>Neuro-Oncology</i> , 2018 , 20, vi47-vi47	1	78
199	Sonderforschungsbereich (SFB/TRR 167) NeuroMac Entwicklung, Funktion und Potenzial von myeloischen Zellen im zentralen Nervensystem <i>E-Neuroforum</i> , 2018 , 24, 61-66		
198	Engrafted parenchymal brain macrophages differ from microglia in transcriptome, chromatin landscape and response to challenge. <i>Nature Communications</i> , 2018 , 9, 5206	17.4	84
197	Intrinsic TNFR2 signaling in T regulatory cells provides protection in CNS autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 13051-13056	11.5	46
196	The probacterial effect of type I interferon signaling requires its own negative regulator USP18. <i>Science Immunology</i> , 2018 , 3,	28	9
195	Type I Interferon Receptor Signaling of Neurons and Astrocytes Regulates Microglia Activation during Viral Encephalitis. <i>Cell Reports</i> , 2018 , 25, 118-129.e4	10.6	53
194	Silencing of TGF β signalling in microglia results in impaired homeostasis. <i>Nature Communications</i> , 2018 , 9, 4011	17.4	59

193	Unique microglia recovery population revealed by single-cell RNAseq following neurodegeneration. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 87	7.3	51
192	Neurons under T Cell Attack Coordinate Phagocyte-Mediated Synaptic Stripping. <i>Cell</i> , 2018 , 175, 458-471	16.19	67
191	Microglial control of astrocytes in response to microbial metabolites. <i>Nature</i> , 2018 , 557, 724-728	50.4	415
190	A20 critically controls microglia activation and inhibits inflammasome-dependent neuroinflammation. <i>Nature Communications</i> , 2018 , 9, 2036	17.4	92
189	Drug reaction with eosinophilia and systemic symptoms after daclizumab therapy. <i>Neurology</i> , 2018 , 91, e359-e363	6.5	19
188	The role of peripheral immune cells in the CNS in steady state and disease. <i>Nature Neuroscience</i> , 2017 , 20, 136-144	25.5	307
187	Characterization of focal cortical dysplasia with balloon cells by layer-specific markers: Evidence for differential vulnerability of interneurons. <i>Epilepsia</i> , 2017 , 58, 635-645	6.4	13
186	TGF- β inhibitor Smad7 regulates dendritic cell-induced autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E1480-E1489	11.5	26
185	Differential contribution of immune effector mechanisms to cortical demyelination in multiple sclerosis. <i>Acta Neuropathologica</i> , 2017 , 134, 15-34	14.3	44
184	A new fate mapping system reveals context-dependent random or clonal expansion of microglia. <i>Nature Neuroscience</i> , 2017 , 20, 793-803	25.5	316
183	Meningiomas induced by low-dose radiation carry structural variants of NF2 and a distinct mutational signature. <i>Acta Neuropathologica</i> , 2017 , 134, 155-158	14.3	19
182	Neuronal IFN-beta-induced PI3K/Akt-FoxA1 signalling is essential for generation of FoxA1T cells. <i>Nature Communications</i> , 2017 , 8, 14709	17.4	22
181	Extent of mossy fiber sprouting in patients with mesiotemporal lobe epilepsy correlates with neuronal cell loss and granule cell dispersion. <i>Epilepsy Research</i> , 2017 , 129, 51-58	3	22
180	Type I interferon pathway in CNS homeostasis and neurological disorders. <i>Glia</i> , 2017 , 65, 1397-1406	9	69
179	Dicer Deficiency Differentially Impacts Microglia of the Developing and Adult Brain. <i>Immunity</i> , 2017 , 46, 1030-1044.e8	32.3	54
178	Surgical Treatment of Mesiotemporal Lobe Epilepsy: Which Approach is Favorable?. <i>Neurosurgery</i> , 2017 , 81, 992-1004	3.2	27
177	Epigenetic Regulation of ZBTB18 Promotes Glioblastoma Progression. <i>Molecular Cancer Research</i> , 2017 , 15, 998-1011	6.6	22
176	Transylvian Selective Amygdalohippocampectomy for Mesiotemporal Epilepsy: Experience with 162 Procedures. <i>Neurosurgery</i> , 2017 , 80, 454-464	3.2	11

175	Autonomous TNF is critical for in vivo monocyte survival in steady state and inflammation. <i>Journal of Experimental Medicine</i> , 2017 , 214, 905-917	16.6	45
174	Ontogeny and homeostasis of CNS myeloid cells. <i>Nature Immunology</i> , 2017 , 18, 385-392	19.1	235
173	A gut feeling about multiple sclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 10528-10529	11.5	5
172	Mef2C restrains microglial inflammatory response and is lost in brain ageing in an IFN-I-dependent manner. <i>Nature Communications</i> , 2017 , 8, 717	17.4	86
171	Early Microglia Activation Precedes Photoreceptor Degeneration in a Mouse Model of CNGB1-Linked Retinitis Pigmentosa. <i>Frontiers in Immunology</i> , 2017 , 8, 1930	8.4	19
170	A somatic mutation in erythro-myeloid progenitors causes neurodegenerative disease. <i>Nature</i> , 2017 , 549, 389-393	50.4	100
169	Microglia contribute to normal myelinogenesis and to oligodendrocyte progenitor maintenance during adulthood. <i>Acta Neuropathologica</i> , 2017 , 134, 441-458	14.3	243
168	Communicating systems in the body: how microbiota and microglia cooperate. <i>Immunology</i> , 2017 , 150, 7-15	7.8	94
167	Microglia in steady state. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3201-3209	15.9	128
166	Comprehensive analysis of PD-L1 expression in glioblastoma multiforme. <i>Oncotarget</i> , 2017 , 8, 42214-42225	3.5	61
165	Expression differences of programmed death ligand 1 in de-novo and recurrent glioblastoma multiforme. <i>Oncotarget</i> , 2017 , 8, 74170-74177	3.3	18
164	Brain micro-inflammation at specific vessels dysregulates organ-homeostasis via the activation of a new neural circuit. <i>ELife</i> , 2017 , 6,	8.9	30
163	HSPB3 protein is expressed in motoneurons and induces their survival after lesion-induced degeneration. <i>Experimental Neurology</i> , 2016 , 286, 40-49	5.7	13
162	Loss of Treg1 in Dendritic Cells Is Sufficient To Trigger Systemic Autoimmunity. <i>Journal of Immunology</i> , 2016 , 197, 2157-66	5.3	43
161	Inhomogeneous distribution of Iba-1 characterizes microglial pathology in Alzheimer's disease. <i>Glia</i> , 2016 , 64, 1562-72	9	65
160	Transcriptome-based profiling of yolk sac-derived macrophages reveals a role for Irf8 in macrophage maturation. <i>EMBO Journal</i> , 2016 , 35, 1730-44	13	78
159	On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. <i>Nature Medicine</i> , 2016 , 22, 945-51	50.5	224
158	DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. <i>Cell</i> , 2016 , 167, 1264-1280.	51.2	60

157	Human USP18 deficiency underlies type 1 interferonopathy leading to severe pseudo-TORCH syndrome. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1163-74	16.6	154
156	CatacLysMic specificity when targeting myeloid cells?. <i>European Journal of Immunology</i> , 2016 , 46, 1340-26.1		13
155	Central nervous system myeloid cells as drug targets: current status and translational challenges. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 110-24	64.1	79
154	Self-renewing resident arterial macrophages arise from embryonic CX3CR1(+) precursors and circulating monocytes immediately after birth. <i>Nature Immunology</i> , 2016 , 17, 159-68	19.1	209
153	Microglia: A Unique Versatile Cell in the Central Nervous System. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 428-34	5.7	30
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4	Lineage and Spatial Mapping of Glioblastoma-associated Immunity		3
3	Comparative analysis of CreER transgenic mice for the study of brain macrophages: a case study		1
2	Integrated phospho-proteogenomic and single-cell transcriptomic analysis of meningiomas establishes robust subtyping and reveals subtype-specific immune invasion		2
1	Spatiotemporal heterogeneity of glioblastoma is dictated by microenvironmental interference		2