Michael Platten

List of Publications by Year
in descending order

281 papers	27,685 citations	9264 74 h-index	6471 157 g-index
289 all docs	289 docs citations	289 times ranked	30704 citing authors

#	Article	IF	Citations
1	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
2	An endogenous tumour-promoting ligand of the human aryl hydrocarbon receptor. Nature, 2011, 478, 197-203.	27.8	1,514
3	Temozolomide chemotherapy alone versus radiotherapy alone for malignant astrocytoma in the elderly: the NOA-08 randomised, phase 3 trial. Lancet Oncology, The, 2012, 13, 707-715.	10.7	980
4	EANO guidelines on the diagnosis and treatment of diffuse gliomas of adulthood. Nature Reviews Clinical Oncology, 2021, 18, 170-186.	27.6	826
5	Tryptophan metabolism as a common therapeutic target in cancer, neurodegeneration and beyond. Nature Reviews Drug Discovery, 2019, 18, 379-401.	46.4	805
6	Brain tumour cells interconnect to a functional and resistant network. Nature, 2015, 528, 93-98.	27.8	787
7	Blocking angiotensin-converting enzyme induces potent regulatory T cells and modulates TH1- and TH17-mediated autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14948-14953.	7.1	755
8	Lomustine and Bevacizumab in Progressive Glioblastoma. New England Journal of Medicine, 2017, 377, 1954-1963.	27.0	670
9	Actively personalized vaccination trial for newly diagnosed glioblastoma. Nature, 2019, 565, 240-245.	27.8	637
10	A vaccine targeting mutant IDH1 induces antitumour immunity. Nature, 2014, 512, 324-327.	27.8	613
11	Tryptophan Catabolism in Cancer: Beyond IDO and Tryptophan Depletion. Cancer Research, 2012, 72, 5435-5440.	0.9	591
12	DNA methylation-based classification and grading system for meningioma: a multicentre, retrospective analysis. Lancet Oncology, The, 2017, 18, 682-694.	10.7	586
13	Aryl hydrocarbon receptor control of a disease tolerance defence pathway. Nature, 2014, 511, 184-190.	27.8	574
14	Glioblastoma in adults: a Society for Neuro-Oncology (SNO) and European Society of Neuro-Oncology (EANO) consensus review on current management and future directions. Neuro-Oncology, 2020, 22, 1073-1113.	1.2	543
15	MGMT testingâ€"the challenges for biomarker-based glioma treatment. Nature Reviews Neurology, 2014, 10, 372-385.	10.1	454
16	Treatment of Autoimmune Neuroinflammation with a Synthetic Tryptophan Metabolite. Science, 2005, 310, 850-855.	12.6	391
17	SD-208, a Novel Transforming Growth Factor Î² Receptor I Kinase Inhibitor, Inhibits Growth and Invasiveness and Enhances Immunogenicity of Murine and Human Glioma Cells In vitro and In vivo. Cancer Research, 2004, 64, 7954-7961.	0.9	380
18	ATRX and IDH1-R132H immunohistochemistry with subsequent copy number analysis and IDH sequencing as a basis for an â€œintegratedâ€•diagnostic approach for adult astrocytoma, oligodendroglioma and glioblastoma. Acta Neuropathologica, 2015, 129, 133-146.	7.7	378

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19	Suppression of antitumor T cell immunity by the oncometabolite (R)-2-hydroxyglutarate. Nature Medicine, 2018, 24, 1192-1203.	30.7	359
20	Clonally expanded B cells in multiple sclerosis bind EBV EBNA1 and GlialCAM. Nature, 2022, 603, 321-327.	27.8	343
21	Practical implementation of DNA methylation and copy-number-based CNS tumor diagnostics: the Heidelberg experience. Acta Neuropathologica, 2018, 136, 181-210.	7.7	308
22	ATRX loss refines the classification of anaplastic gliomas and identifies a subgroup of IDH mutant astrocytic tumors with better prognosis. Acta Neuropathologica, 2013, 126, 443-451.	7.7	304
23	Novel, improved grading system(s) for IDH-mutant astrocytic gliomas. Acta Neuropathologica, 2018, 136, 153-166.	7.7	298
24	Cancer Immunotherapy by Targeting IDO1/TDO and Their Downstream Effectors. Frontiers in Immunology, 2014, 5, 673.	4.8	284
25	IDH mutant diffuse and anaplastic astrocytomas have similar age at presentation and little difference in survival: a grading problem for WHO. Acta Neuropathologica, 2015, 129, 867-873.	7.7	272
26	Automated quantitative tumour response assessment of MRI in neuro-oncology with artificial neural networks: a multicentre, retrospective study. Lancet Oncology, The, 2019, 20, 728-740.	10.7	271
27	Toll-Like Receptor Engagement Enhances the Immunosuppressive Properties of Human Bone Marrow-Derived Mesenchymal Stem Cells by Inducing Indoleamine-2,3-dioxygenase-1 via Interferon-Î² and Protein Kinase R Â. Stem Cells, 2009, 27, 909-919.	3.2	268
28	MGMT Promoter Methylation Is a Strong Prognostic Biomarker for Benefit from Dose-Intensified Temozolomide Rechallenge in Progressive Glioblastoma: The DIRECTOR Trial. Clinical Cancer Research, 2015, 21, 2057-2064.	7.0	264
29	Distribution of TERT promoter mutations in pediatric and adult tumors of the nervous system. Acta Neuropathologica, 2013, 126, 907-915.	7.7	254
30	Constitutive IDO expression in human cancer is sustained by an autocrine signaling loop involving IL-6, STAT3 and the AHR. Oncotarget, 2014, 5, 1038-1051.	1.8	248
31	Efficacy and Tolerability of Temozolomide in an Alternating Weekly Regimen in Patients With Recurrent Glioma. Journal of Clinical Oncology, 2007, 25, 3357-3361.	1.6	237
32	Adult IDH wild type astrocytomas biologically and clinically resolve into other tumor entities. Acta Neuropathologica, 2015, 130, 407-417.	7.7	237
33	Sarcoma classification by DNA methylation profiling. Nature Communications, 2021, 12, 498.	12.8	237
34	A vaccine targeting mutant IDH1 in newly diagnosed glioma. Nature, 2021, 592, 463-468.	27.8	232
35	Glioma cell invasion: regulation of metalloproteinase activity by TGF-beta. Journal of Neuro-Oncology, 2001, 53, 177-185.	2.9	231
36	Monocyte chemoattractant protein-1 increases microglial infiltration and aggressiveness of gliomas. Annals of Neurology, 2003, 54, 388-392.	5.3	226

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37	Malignant glioma biology: Role for TGF-? in growth, motility, angiogenesis, and immune escape. Microscopy Research and Technique, 2001, 52, 401-410.	2.2	224
38	Trial watch: IDO inhibitors in cancer therapy. OncoImmunology, 2014, 3, e957994.	4.6	223
39	Prognostic or predictive value of MGMT promoter methylation in gliomas depends on IDH1 mutation. Neurology, 2013, 81, 1515-1522.	1.1	211
40	Next-generation sequencing in routine brain tumor diagnostics enables an integrated diagnosis and identifies actionable targets. Acta Neuropathologica, 2016, 131, 903-910.	7.7	203
41	Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. Acta Neuropathologica, 2018, 136, 273-291.	7.7	190
42	Angiotensin II sustains brain inflammation in mice via TGF-Î². Journal of Clinical Investigation, 2010, 120, 2782-2794.	8.2	177
43	Integrated DNA methylation and copy-number profiling identify three clinically and biologically relevant groups of anaplastic glioma. Acta Neuropathologica, 2014, 128, 561-571.	7.7	176
44	Secreted Frizzled-related proteins inhibit motility and promote growth of human malignant glioma cells. Oncogene, 2000, 19, 4210-4220.	5.9	159
45	The therapeutic potential of targeting tryptophan catabolism in cancer. British Journal of Cancer, 2020, 122, 30-44.	6.4	159
46	Acute Stroke in Times of the COVID-19 Pandemic. Stroke, 2020, 51, 2224-2227.	2.0	154
47	mTOR target NDRG1 confers MGMT-dependent resistance to alkylating chemotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 409-414.	7.1	152
48	Pan-mutant IDH1 inhibitor BAY 1436032 for effective treatment of IDH1 mutant astrocytoma in vivo. Acta Neuropathologica, 2017, 133, 629-644.	7.7	146
49	New (alternative) temozolomide regimens for the treatment of glioma. Neuro-Oncology, 2009, 11, 69-79.	1.2	142
50	Comprehensive Allelotype and Genetic Analysis of 466 Human Nervous System Tumors. Journal of Neuropathology and Experimental Neurology, 2000, 59, 544-558.	1.7	137
51	Transforming Growth Factors Î²1 (TGF-Î²1) and TGF-Î²2 Promote Glioma Cell Migration via Up-Regulation of Î±VÎ²3 Integrin Expression. Biochemical and Biophysical Research Communications, 2000, 268, 607-611.	2.1	130
52	Long-term analysis of the NOA-04 randomized phase III trial of sequential radiochemotherapy of anaplastic glioma with PCV or temozolomide. Neuro-Oncology, 2016, 18, now133.	1.2	130
53	Tweety-Homolog 1 Drives Brain Colonization of Gliomas. Journal of Neuroscience, 2017, 37, 6837-6850.	3.6	129
54	Circulating and Tumor Myeloid-derived Suppressor Cells in Resectable Nonâ€“Small Cell Lung Cancer. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 777-787.	5.6	129

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55	Costimulatory Protein 4IgB7H3 Drives the Malignant Phenotype of Glioblastoma by Mediating Immune Escape and Invasiveness. Clinical Cancer Research, 2012, 18, 105-117.	7.0	126
56	The Endogenous Tryptophan Metabolite and NAD+ Precursor Quinolinic Acid Confers Resistance of Gliomas to Oxidative Stress. Cancer Research, 2013, 73, 3225-3234.	0.9	126
57	The Indoleamine-2,3-Dioxygenase (IDO) Inhibitor 1-Methyl-D-tryptophan Upregulates IDO1 in Human Cancer Cells. PLoS ONE, 2011, 6, e19823.	2.5	126
58	Vaccine-based immunotherapeutic approaches to gliomas and beyond. Nature Reviews Neurology, 2017, 13, 363-374.	10.1	125
59	Pathway inhibition: emerging molecular targets for treating glioblastoma. Neuro-Oncology, 2011, 13, 566-579.	1.2	121
60	Iron Induces Anti-tumor Activity in Tumor-Associated Macrophages. Frontiers in Immunology, 2017, 8, 1479.	4.8	121
61	Nanosensor Detection of an Immunoregulatory Tryptophan Influx/Kynurenine Efflux Cycle. PLoS Biology, 2007, 5, e257.	5.6	112
62	Heterogeneity of response to immune checkpoint blockade in hypermutated experimental gliomas. Nature Communications, 2020, 11, 931.	12.8	112
63	A Phase II, Randomized, Study of Weekly APG101+Reirradiation versus Reirradiation in Progressive Glioblastoma. Clinical Cancer Research, 2014, 20, 6304-6313.	7.0	111
64	Tryptophan metabolism drives dynamic immunosuppressive myeloid states in IDH-mutant gliomas. Nature Cancer, 2021, 2, 723-740.	13.2	110
65	Phase II Study of Radiotherapy and Temsirolimus versus Radiochemotherapy with Temozolomide in Patients with Newly Diagnosed Glioblastoma without MGMT Promoter Hypermethylation (EORTC 26082). Clinical Cancer Research, 2016, 22, 4797-4806.	7.0	105
66	N2M2 (NOA-20) phase I/II trial of molecularly matched targeted therapies plus radiotherapy in patients with newly diagnosed non-MGMT hypermethylated glioblastoma. Neuro-Oncology, 2019, 21, 95-105.	1.2	100
67	Decreased utilization of mental health emergency service during the COVID-19 pandemic. European Archives of Psychiatry and Clinical Neuroscience, 2021, 271, 377-379.	3.2	99
68	Processing of Immunosuppressive Pro-TGF-Î²1,2 by Human Glioblastoma Cells Involves Cytoplasmic and Secreted Furin-Like Proteases. Journal of Immunology, 2001, 166, 7238-7243.	0.8	97
69	Structural Basis for Aryl Hydrocarbon Receptor-Mediated Gene Activation. Structure, 2017, 25, 1025-1033.e3.	3.3	95
70	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. Journal of Clinical Oncology, 2021, 39, 3839-3852.	1.6	93
71	In vivo nanoparticle imaging of innate immune cells can serve as a marker of disease severity in a model of multiple sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13227-13232.	7.1	87
72	VXM01 phase I study in patients with progressive glioblastoma: Final results.. Journal of Clinical Oncology, 2018, 36, 2017-2017.	1.6	87

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73	Multiple Sclerosis Therapy Consensus Group (MSTCG): position statement on disease-modifying therapies for multiple sclerosis (white paper). Therapeutic Advances in Neurological Disorders, 2021, 14, 175628642110396.	3.5	86
74	Ezrin-Dependent Promotion of Glioma Cell Clonogenicity, Motility, and Invasion Mediated by BCL-2 and Transforming Growth Factor-Î²2. Journal of Neuroscience, 2001, 21, 3360-3368.	3.6	85
75	N-[3,4-dimethoxycinnamoyl]-anthranilic acid (tranilast) inhibits transforming growth factor-? release and reduces migration and invasiveness of human malignant glioma cells. International Journal of Cancer, 2001, 93, 53-61.	5.1	84
76	Immature mesenchymal stem cell-like pericytes as mediators of immunosuppression in human malignant glioma. Journal of Neuroimmunology, 2013, 265, 106-116.	2.3	81
77	Molecular differences in IDH wildtype glioblastoma according to MGMT promoter methylation. Neuro-Oncology, 2018, 20, 367-379.	1.2	79
78	Malignant astrocytomas of elderly patients lack favorable molecular markers: an analysis of the NOA-08 study collective. Neuro-Oncology, 2013, 15, 1017-1026.	1.2	78
79	Assessing CpG island methylator phenotype, 1p/19q codeletion, and MGMT promoter methylation from epigenome-wide data in the biomarker cohort of the NOA-04 trial. Neuro-Oncology, 2014, 16, 1630-1638.	1.2	77
80	Accumulation of an Endogenous Tryptophan-Derived Metabolite in Colorectal and Breast Cancers. PLoS ONE, 2015, 10, e0122046.	2.5	76
81	COVID-19 pathophysiology may be driven by an imbalance in the renin-angiotensin-aldosterone system. Nature Communications, 2021, 12, 2417.	12.8	75
82	A novel tool to analyze MRI recurrence patterns in glioblastoma. Neuro-Oncology, 2008, 10, 1019-1024.	1.2	74
83	K27M-mutant histone-3 as a novel target for glioma immunotherapy. OncoImmunology, 2017, 6, e1328340.	4.6	74
84	Macrophage migration inhibitory factor (MIF) expression in human malignant gliomas contributes to immune escape and tumour progression. Acta Neuropathologica, 2011, 122, 353-365.	7.7	71
85	Bevacizumab does not increase the risk of remote relapse in malignant glioma. Annals of Neurology, 2011, 69, 586-592.	5.3	71
86	Neurological sequelae of cancer immunotherapies and targeted therapies. Lancet Oncology, The, 2016, 17, e529-e541.	10.7	71
87	Multiple sclerosis: trapped in deadly glue. Nature Medicine, 2005, 11, 252-253.	30.7	69
88	Dietary tryptophan links encephalogenicity of autoreactive T cells with gut microbial ecology. Nature Communications, 2019, 10, 4877.	12.8	69
89	Recent developments and future directions in adult lower-grade gliomas: Society for Neuro-Oncology (SNO) and European Association of Neuro-Oncology (EANO) consensus. Neuro-Oncology, 2019, 21, 837-853.	1.2	66
90	Upregulation of tryptophanyl-tRNA synthethase adapts human cancer cells to nutritional stress caused by tryptophan degradation. OncoImmunology, 2018, 7, e1486353.	4.6	62

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91	Current status and future directions of anti-angiogenic therapy for gliomas. Neuro-Oncology, 2016, 18, 315-328.	1.2	61
92	Unique challenges for glioblastoma immunotherapyâ€"discussions across neuro-oncology and non-neuro-oncology experts in cancer immunology. Meeting Report from the 2019 SNO Immuno-Oncology Think Tank. Neuro-Oncology, 2021, 23, 356-375.	1.2	59
93	A Suppressive Oligodeoxynucleotide Enhances the Efficacy of Myelin Cocktail/IL-4-Tolerizing DNA Vaccination and Treats Autoimmune Disease. Journal of Immunology, 2005, 175, 6226-6234.	0.8	56
94	Enzastaurin before and concomitant with radiation therapy, followed by enzastaurin maintenance therapy, in patients with newly diagnosed glioblastoma without MGMT promoter hypermethylation. Neuro-Oncology, 2013, 15, 1405-1412.	1.2	53
95	Tryptophan-2,3-Dioxygenase (TDO) deficiency is associated with subclinical neuroprotection in a mouse model of multiple sclerosis. Scientific Reports, 2017, 7, 41271.	3.3	53
96	Concepts in glioma immunotherapy. Cancer Immunology, Immunotherapy, 2016, 65, 1269-1275.	4.2	52
97	Glioma cell VEGFR-2 confers resistance to chemotherapeutic and antiangiogenic treatments in PTEN-deficient glioblastoma. Oncotarget, 2015, 6, 31050-31068.	1.8	52
98	Deep-learning-based synthesis of post-contrast T1-weighted MRI for tumour response assessment in neuro-oncology: a multicentre, retrospective cohort study. The Lancet Digital Health, 2021, 3, e784-e794.	12.3	52
99	Microenvironmental Clues for Glioma Immunotherapy. Current Neurology and Neuroscience Reports, 2014, 14, 440.	4.2	51
100	Suppression of TDO-mediated tryptophan catabolism in glioblastoma cells by a steroid-responsive FKBP52-dependent pathway. Glia, 2015, 63, 78-90.	4.9	51
101	The stress kinase GCN2 does not mediate suppression of antitumor T cell responses by tryptophan catabolism in experimental melanomas. OncoImmunology, 2016, 5, e1240858.	4.6	51
102	Mouse Mesenchymal Stem Cells Suppress Antigen-Specific TH Cell Immunity Independent of Indoleamine 2,3-Dioxygenase 1 (IDO1). Stem Cells and Development, 2010, 19, 657-668.	2.1	49
103	Tryptophanâ€2,3â€dioxygenase is regulated by prostaglandin E2 in malignant glioma via a positive signaling loop involving prostaglandin E receptorâ€4. Journal of Neurochemistry, 2016, 136, 1142-1154.	3.9	48
104	Primary glioblastoma cultures: can profiling of stem cell markers predict radiotherapy sensitivity?. Journal of Neurochemistry, 2014, 131, 251-264.	3.9	47
105	Treatment of optic neuritis with erythropoietin (TONE): a randomised, double-blind, placebo-controlled trialâ€"study protocol. BMJ Open, 2016, 6, e010956.	1.9	46
106	Diffusion-weighted MRI in transient global amnesia and its diagnostic implications. Neurology, 2020, 95, e206-e212.	1.1	46
107	EORTC 26101 phase III trial exploring the combination of bevacizumab and lomustine in patients with first progression of a glioblastoma.. Journal of Clinical Oncology, 2016, 34, 2001-2001.	1.6	46
108	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. Molecular and Cellular Proteomics, 2019, 18, 1255-1268.	3.8	45

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109	Protein kinase Cî² as a therapeutic target stabilizing bloodâ€“brain barrier disruption in experimental autoimmune encephalomyelitis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 14735-14740.	7.1	43
110	Targeting Resistance against the MDM2 Inhibitor RG7388 in Glioblastoma Cells by the MEK Inhibitor Trametinib. Clinical Cancer Research, 2019, 25, 253-265.	7.0	42
111	Superiority of temozolomide over radiotherapy for elderly patients with RTK II methylation class, MGMT promoter methylated malignant astrocytoma. Neuro-Oncology, 2020, 22, 1162-1172.	1.2	42
112	Validation of Rapid Magnetic Resonance Myelin Imaging in Multiple Sclerosis. Annals of Neurology, 2020, 87, 710-724.	5.3	42
113	Promotion of Glioblastoma Cell Motility by Enhancer of Zeste Homolog 2 (EZH2) Is Mediated by AXL Receptor Kinase. PLoS ONE, 2012, 7, e47663.	2.5	42
114	Suppression of human CD4+ T cell activation by 3,4-dimethoxycinnamonyl-anthranilic acid (tranilast) is mediated by CXCL9 and CXCL10. Biochemical Pharmacology, 2011, 82, 632-641.	4.4	41
115	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. Molecular and Cellular Proteomics, 2018, 17, 2132-2145.	3.8	41
116	Systematic review of combinations of targeted or immunotherapy in advanced solid tumors. , 2021, 9, e002459.		41
117	Correlated magnetic resonance imaging and ultramicroscopy (MR-UM) is a tool kit to assess the dynamics of glioma angiogenesis. ELife, 2016, 5, e11712.	6.0	40
118	Fourier Transform Infrared Microscopy Enables Guidance of Automated Mass Spectrometry Imaging to Predefined Tissue Morphologies. Scientific Reports, 2018, 8, 313.	3.3	37
119	Tumors diagnosed as cerebellar glioblastoma comprise distinct molecular entities. Acta Neuropathologica Communications, 2019, 7, 163.	5.2	37
120	Slowing down glioblastoma progression in mice by running or the anti-malarial drug dihydroartemisinin? Induction of oxidative stress in murine glioblastoma therapy. Oncotarget, 2016, 7, 56713-56725.	1.8	36
121	Driving mesenchymal transition in glioblastoma. Neuro-Oncology, 2020, 22, 1-2.	1.2	36
122	Understanding and Targeting Alkylator Resistance in Glioblastoma. Cancer Discovery, 2014, 4, 1120-1122.	9.4	35
123	Proximity ligation assay evaluates IDH1R132H presentation in gliomas. Journal of Clinical Investigation, 2015, 125, 593-606.	8.2	35
124	Glioblastoma in elderly patients: solid conclusions built on shifting sand?. Neuro-Oncology, 2018, 20, 174-183.	1.2	33
125	Feasibility of real-time molecular profiling for patients with newly diagnosed glioblastoma without MGMT promoter hypermethylationâ€”the NCT Neuro Master Match (N2M2) pilot study. Neuro-Oncology, 2018, 20, 826-837.	1.2	32
126	Does age matter? - A MRI study on peritumoral edema in newly diagnosed primary glioblastoma. BMC Cancer, 2011, 11, 127.	2.6	30

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127	Suppression of indoleamine-2,3-dioxygenase 1 expression by promoter hypermethylation in ER-positive breast cancer. OncoImmunology, 2017, 6, e1274477.	4.6	30
128	Monitoring innate immune cell dynamics in the glioma microenvironment by magnetic resonance imaging and multiphoton microscopy (MR-MPM). Theranostics, 2020, 10, 1873-1883.	10.0	30
129	Tryptophan metabolism in brain tumors â€" IDO and beyond. Current Opinion in Immunology, 2021, 70, 57-66.	5.5	30
130	A Novel Splice Site Associated Polymorphism in the Tuberous Sclerosis 2 (TSC2) Gene May Predispose to the Development of Sporadic Gangliogliomas. Journal of Neuropathology and Experimental Neurology, 1997, 56, 806-810.	1.7	29
131	Involvement of protein kinase CÎ´ and extracellular signal-regulated kinase-2 in the suppression of microglial inducible nitric oxide synthase expression by N-[3,4-dimethoxycinnamoyl]-anthranilic acid (tranilast). Biochemical Pharmacology, 2003, 66, 1263-1270.	4.4	27
132	Synovial Fibroblasts Selectively Suppress Th1 Cell Responses through IDO1-Mediated Tryptophan Catabolism. Journal of Immunology, 2017, 198, 3109-3117.	0.8	27
133	Shaping the glioma immune microenvironment through tryptophan metabolism. CNS Oncology, 2012, 1, 99-106.	3.0	26
134	Concepts for Immunotherapies in Gliomas. Seminars in Neurology, 2018, 38, 062-072.	1.4	26
135	Geriatric neuro-oncology. Current Opinion in Neurology, 2011, 24, 599-604.	3.6	25
136	CMV infection and glioma, a highly controversial concept struggling in the clinical arena. Neuro-Oncology, 2014, 16, 332-333.	1.2	25
137	Cancer immunotherapy: exploiting neoepitopes. Cell Research, 2015, 25, 887-888.	12.0	25
138	Inhibition of CD95/CD95L (FAS/FASLG) Signaling with APG101 Prevents Invasion and Enhances Radiation Therapy for Glioblastoma. Molecular Cancer Research, 2018, 16, 767-776.	3.4	25
139	Radiologic progression of glioblastoma under therapyâ€"an exploratory analysis of AVAglio. Neuro-Oncology, 2018, 20, 557-566.	1.2	24
140	Constitutive Expression of the Immunosuppressive Tryptophan Dioxygenase TDO2 in Glioblastoma Is Driven by the Transcription Factor C/EBPÎ². Frontiers in Immunology, 2020, 11, 657.	4.8	24
141	INFORM2 NivEnt: The first trial of the INFORM2 biomarker driven phase I/II trial series: the combination of nivolumab and entinostat in children and adolescents with refractory high-risk malignancies. BMC Cancer, 2020, 20, 523.	2.6	24
142	Long-term dynamics of multiple sclerosis iron rim lesions. Multiple Sclerosis and Related Disorders, 2022, 57, 103340.	2.0	24
143	Mutant IDH1: An immunotherapeutic target in tumors. OncoImmunology, 2014, 3, e974392.	4.6	23
144	Suppression of Th1 differentiation by tryptophan supplementation in vivo. Amino Acids, 2017, 49, 1169-1175.	2.7	23

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145	The aryl hydrocarbon receptor in tumor immunity. OncoImmunology, 2012, 1, 396-397.	4.6	22
146	Temporal evolution of acute multiple sclerosis lesions on serial sodium (23Na) MRI. Multiple Sclerosis and Related Disorders, 2019, 29, 48-54.	2.0	22
147	General control non-derepressible 2 (GCN2) in T cells controls disease progression of autoimmune neuroinflammation. Journal of Neuroimmunology, 2016, 297, 117-126.	2.3	21
148	Characterization of Contrast-Enhancing and Non-contrast-enhancing Multiple Sclerosis Lesions Using Susceptibility-Weighted Imaging. Frontiers in Neurology, 2019, 10, 1082.	2.4	21
149	A mutation-specific peptide vaccine targeting IDH1R132H in patients with newly diagnosed malignant astrocytomas: A first-in-man multicenter phase I clinical trial of the German Neurooncology Working Group (NOA-16).. Journal of Clinical Oncology, 2018, 36, 2001-2001.	1.6	21
150	Prognostic relevance of miRNA-155 methylation in anaplastic glioma. Oncotarget, 2016, 7, 82028-82045.	1.8	21
151	The current landscape of immunotherapy for pediatric brain tumors. Nature Cancer, 2022, 3, 11-24.	13.2	21
152	N-[3,4-dimethoxycinnamoyl]-anthranilic acid (tranilast) suppresses microglial inducible nitric oxide synthase (iNOS) expression and activity induced by interferon-Î³ (IFN-Î³). British Journal of Pharmacology, 2001, 134, 1279-1284.	5.4	20
153	EGFRvIII vaccine in glioblastomaâ€"InACT-IVe or not ReACTive enough?. Neuro-Oncology, 2017, 19, 1425-1426.	1.2	20
154	Methylome analyses of three glioblastoma cohorts reveal chemotherapy sensitivity markers within DDR genes. Cancer Medicine, 2020, 9, 8373-8385.	2.8	19
155	Noninvasive Characterization of Tumor Angiogenesis and Oxygenation in Bevacizumab-treated Recurrent Glioblastoma by Using Dynamic Susceptibility MRI: Secondary Analysis of the European Organization for Research and Treatment of Cancer 26101 Trial. Radiology, 2020, 297, 164-175.	7.3	19
156	Association of iron rim lesions with brain and cervical cord volume in relapsing multiple sclerosis. European Radiology, 2022, 32, 2012-2022.	4.5	19
157	Treatment of Anaplastic Glioma. Cancer Treatment and Research, 2015, 163, 89-101.	0.5	18
158	Increasing the sensitivity of MRI for the detection of multiple sclerosis lesions by long axial coverage of the spinal cord: a prospective study in 119 patients. Journal of Neurology, 2017, 264, 341-349.	3.6	18
159	Perspectives of immunotherapy in isocitrate dehydrogenase-mutant gliomas. Current Opinion in Oncology, 2018, 30, 368-374.	2.4	18
160	Understanding and Treating Glioblastoma. Neurologic Clinics, 2018, 36, 485-499.	1.8	18
161	Designing Clinical Trials for Combination Immunotherapy: A Framework for Glioblastoma. Clinical Cancer Research, 2022, 28, 585-593.	7.0	18
162	Diffusion-weighted imaging of the dentate nucleus after repeated application of gadolinium-based contrast agents in multiple sclerosis. Magnetic Resonance Imaging, 2019, 58, 1-5.	1.8	17

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163	The promises of immunotherapy in gliomas. Current Opinion in Neurology, 2017, 30, 650-658.	3.6	16
164	Correlated MRI and Ultramicroscopy (MR-UM) of Brain Tumors Reveals Vast Heterogeneity of Tumor Infiltration and Neoangiogenesis in Preclinical Models and Human Disease. Frontiers in Neuroscience, 2018, 12, 1004.	2.8	16
165	Tryptophan metabolism is inversely regulated in the tumor and blood of patients with glioblastoma. Theranostics, 2021, 11, 9217-9233.	10.0	16
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