

# Pieter Wesseling

## 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.

316  
papers

24,965  
citations

74  
h-index

151  
g-index

336  
ext. papers

31,601  
ext. citations

7.9  
avg, IF

6.79  
L-index

#	Paper	IF	Citations
316	PATH-23. OLIGOSARCOMA, IDH-MUTANT IS A DISTINCT AGGRESSIVE TYPE. <i>Neuro-Oncology</i> , <b>2021</b> , 23, vi119-vi120	1	
315	EPCO-09. LONGITUDINAL ANALYSIS OF DIFFUSE GLIOMA REVEALS CELL STATE DYNAMICS AT RECURRENCE ASSOCIATED WITH CHANGES IN GENETICS AND THE MICROENVIRONMENT. <i>Neuro-Oncology</i> , <b>2021</b> , 23, vi3-vi3	1	
314	EPCO-17. METHYLATION ANALYSIS OF MATCHED PRIMARY AND RECURRENT IDHmt ASTROCYTOMA; AN UPDATE FROM THE GLIOMA LONGITUDINAL ANALYSIS NL (GLASS-NL) CONSORTIUM. <i>Neuro-Oncology</i> , <b>2021</b> , 23, vi5-vi5	1	
313	QOLP-05. HEALTH-RELATED QUALITY OF LIFE IN LOW-GRADE GLIOMA SURVIVORS 26 YEARS AFTER DIAGNOSIS. <i>Neuro-Oncology</i> , <b>2021</b> , 23, vi183-vi183	1	
312	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in SMARCE1. <i>Acta Neuropathologica</i> , <b>2021</b> , 141, 281-290	14.3	9
311	Chloroquine combined with concurrent radiotherapy and temozolomide for newly diagnosed glioblastoma: a phase IB trial. <i>Autophagy</i> , <b>2021</b> , 17, 2604-2612	10.2	17
310	Non-IDH1-R132H IDH1/2 mutations are associated with increased DNA methylation and improved survival in astrocytomas, compared to IDH1-R132H mutations. <i>Acta Neuropathologica</i> , <b>2021</b> , 141, 945-957	14.3	9
309	Prognostic significance of genome-wide DNA methylation profiles within the randomized, phase 3, EORTC CATNON trial on non-1p/19q deleted anaplastic glioma. <i>Neuro-Oncology</i> , <b>2021</b> , 23, 1547-1559	1	7
308	Spatial concordance of DNA methylation classification in diffuse glioma. <i>Neuro-Oncology</i> , <b>2021</b> , 23, 2054-2065	1	5
307	The 2021 WHO Classification of Tumors of the Central Nervous System: a summary. <i>Neuro-Oncology</i> , <b>2021</b> , 23, 1231-1251	1	708
306	Therapeutic implications of improved molecular diagnostics for rare CNS embryonal tumor entities: results of an international, retrospective study. <i>Neuro-Oncology</i> , <b>2021</b> , 23, 1597-1611	1	3
305	Counting mitoses: SI(ze) matters!. <i>Modern Pathology</i> , <b>2021</b> , 34, 1651-1657	9.8	13
304	Adjuvant and concurrent temozolomide for 1p/19q non-co-deleted anaplastic glioma (CATNON; EORTC study 26053-22054): second interim analysis of a randomised, open-label, phase 3 study. <i>Lancet Oncology</i> , <b>2021</b> , 22, 813-823	21.7	24
303	Optical genome mapping identifies a germline retrotransposon insertion in SMARCB1 in two siblings with atypical teratoid rhabdoid tumors. <i>Journal of Pathology</i> , <b>2021</b> , 255, 202-211	9.4	4
302	Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. <i>Acta Neuropathologica</i> , <b>2021</b> , 141, 85-100	14.3	14
301	A subset of pediatric-type thalamic gliomas share a distinct DNA methylation profile, H3K27me3 loss and frequent alteration of EGFR. <i>Neuro-Oncology</i> , <b>2021</b> , 23, 34-43	1	22
300	The cIMPACT-NOW updates and their significance to current neuro-oncology practice. <i>Neuro-Oncology Practice</i> , <b>2021</b> , 8, 4-10	2.2	11

299	CXCR4 expression in glioblastoma tissue and the potential for PET imaging and treatment with [Ga]Ga-Pentixafor / [Lu]Lu-Pentixather. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 1	8.8	3
298	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 807-821	2.2	7
297	PATZ1 fusions define a novel molecularly distinct neuroepithelial tumor entity with a broad histological spectrum. <i>Acta Neuropathologica</i> , <b>2021</b> , 142, 841-857	14.3	7
296	Sarcoma classification by DNA methylation profiling. <i>Nature Communications</i> , <b>2021</b> , 12, 498	17.4	74
295	A Summary of the Inaugural WHO Classification of Pediatric Tumors: Transitioning from the Optical into the Molecular Era.. <i>Cancer Discovery</i> , <b>2021</b> ,	24.4	5
294	Oligosarcomas, IDH-mutant are distinct and aggressive.. <i>Acta Neuropathologica</i> , <b>2021</b> , 143, 263	14.3	0
293	Glioblastomas exploit truncated Olinked glycans for local and distant immune modulation via the macrophage galactose-type lectin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 3693-3703	11.5	29
292	Brain tumour diagnostics using a DNA methylation-based classifier as a diagnostic support tool. <i>Neuropathology and Applied Neurobiology</i> , <b>2020</b> , 46, 478-492	5.2	18
291	The Cerebellum <b>2020</b> , 539-589		
290	Liquid Biopsy Diagnosis of CNS Metastases <b>2020</b> , 73-86		
289	p120-catenin-dependent collective brain infiltration by glioma cell networks. <i>Nature Cell Biology</i> , <b>2020</b> , 22, 97-107	23.4	33
288	Diffuse glioneuronal tumour with oligodendroglioma-like features and nuclear clusters (DGONC) - a molecularly defined glioneuronal CNS tumour class displaying recurrent monosomy 14. <i>Neuropathology and Applied Neurobiology</i> , <b>2020</b> , 46, 422-430	5.2	15
287	Tumor-Educated Platelet RNA for the Detection and (Pseudo)progression Monitoring of Glioblastoma. <i>Cell Reports Medicine</i> , <b>2020</b> , 1, 100101	18	21
286	An activating germline variant associated with a tumor entity characterized by unilateral and bilateral chondrosarcoma of the mastoid.. <i>Human Genetics and Genomics Advances</i> , <b>2020</b> , 1, 100006	0.8	1
285	Data Sets for the Reporting of Tumors of the Central Nervous System: Recommendations From The International Collaboration on Cancer Reporting. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2020</b> , 144, 196-206	5	9
284	Quantitative parametric maps of O-(2-[F]fluoroethyl)-L-tyrosine kinetics in diffuse glioma. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2020</b> , 40, 895-903	7.3	4
283	Improved detection of diffuse glioma infiltration with imaging combinations: a diagnostic accuracy study. <i>Neuro-Oncology</i> , <b>2020</b> , 22, 412-422	1	24
282	cIMPACT-NOW update 6: new entity and diagnostic principle recommendations of the cIMPACT-Utrecht meeting on future CNS tumor classification and grading. <i>Brain Pathology</i> , <b>2020</b> , 30, 844-856	6	196

281	Pathology and Classification of Tumors of the Central Nervous System <b>2019</b> , 3-89		
280	Molecular pathology of tumors of the central nervous system. <i>Annals of Oncology</i> , <b>2019</b> , 30, 1265-1278	10.3	63
279	The ABCs of molecular diagnostic testing of CNS tumors: acceptance, benefits, costs. <i>Neuro-Oncology</i> , <b>2019</b> , 21, 559-561	1	0
278	Quantitative Third Harmonic Generation Microscopy for Assessment of Glioma in Human Brain Tissue. <i>Advanced Science</i> , <b>2019</b> , 6, 1900163	13.6	6
277	Expression profiling of immune inhibitory Siglecs and their ligands in patients with glioma. <i>Cancer Immunology, Immunotherapy</i> , <b>2019</b> , 68, 937-949	7.4	19
276	Direct comparison of [C] choline and [F] FET PET to detect glioma infiltration: a diagnostic accuracy study in eight patients. <i>EJNMMI Research</i> , <b>2019</b> , 9, 57	3.6	4
275	Second interim and first molecular analysis of the EORTC randomized phase III intergroup CATNON trial on concurrent and adjuvant temozolomide in anaplastic glioma without 1p/19q codeletion.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 2000-2000	2.2	28
274	Prognostic significance of NAB2-STAT6 fusion variants and TERT promotor mutations in solitary fibrous tumors/hemangiopericytomas of the CNS: not (yet) clear. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 679-682	14.3	11
273	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , <b>2019</b> , 576, 112-120	50.4	151
272	The molecular landscape of ETMR at diagnosis and relapse. <i>Nature</i> , <b>2019</b> , 576, 274-280	50.4	46
271	Molecular tools for the pathologic diagnosis of central nervous system tumors. <i>Neuro-Oncology Practice</i> , <b>2019</b> , 6, 4-16	2.2	4
270	Grading of meningeal solitary fibrous tumors/hemangiopericytomas: analysis of the prognostic value of the Marseille Grading System in a cohort of 132 patients. <i>Brain Pathology</i> , <b>2019</b> , 29, 18-27	6	19
269	cIMPACT-NOW update 2: diagnostic clarifications for diffuse midline glioma, H3 K27M-mutant and diffuse astrocytoma/anaplastic astrocytoma, IDH-mutant. <i>Acta Neuropathologica</i> , <b>2018</b> , 135, 639-642	14.3	186
268	Glycosylated extracellular vesicles released by glioblastoma cells are decorated by CCL18 allowing for cellular uptake via chemokine receptor CCR8. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1446660	16.4	46
267	Reconstructing the molecular life history of gliomas. <i>Acta Neuropathologica</i> , <b>2018</b> , 135, 649-670	14.3	44
266	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 873-884	1	63
265	cIMPACT-NOW update 1: Not Otherwise Specified (NOS) and Not Elsewhere Classified (NEC). <i>Acta Neuropathologica</i> , <b>2018</b> , 135, 481-484	14.3	78
264	Recycling drug screen repurposes hydroxyurea as a sensitizer of glioblastomas to temozolomide targeting de novo DNA synthesis, irrespective of molecular subtype. <i>Neuro-Oncology</i> , <b>2018</b> , 20, 642-654 <sup>1</sup>	1	18

263	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , <b>2018</b> , 555, 469-474	50.4	992
262	Identification of Two Protein-Signaling States Delineating Transcriptionally Heterogeneous Human Medulloblastoma. <i>Cell Reports</i> , <b>2018</b> , 22, 3206-3216	10.6	10
261	Multiregional Tumor Drug-Uptake Imaging by PET and Microvascular Morphology in End-Stage Diffuse Intrinsic Pontine Glioma. <i>Journal of Nuclear Medicine</i> , <b>2018</b> , 59, 612-615	8.9	12
260	Evolving Insights into the Molecular Neuropathology of Diffuse Gliomas in Adults. <i>Neurologic Clinics</i> , <b>2018</b> , 36, 421-437	4.5	7
259	Non-invasive tumor genotyping using radiogenomic biomarkers, a systematic review and oncology-wide pathway analysis. <i>Oncotarget</i> , <b>2018</b> , 9, 20134-20155	3.3	31
258	Oscillatory brain activity associates with neuroligin-3 expression and predicts progression free survival in patients with diffuse glioma. <i>Journal of Neuro-Oncology</i> , <b>2018</b> , 140, 403-412	4.8	9
257	Tumor-Educated Platelets as a Noninvasive Biomarker Source for Cancer Detection and Progression Monitoring. <i>Cancer Research</i> , <b>2018</b> , 78, 3407-3412	10.1	109
256	WHO 2016 Classification of gliomas. <i>Neuropathology and Applied Neurobiology</i> , <b>2018</b> , 44, 139-150	5.2	331
255	SURG-13. THIRD HARMONIC GENERATION (THG) IMAGING: A NOVEL TOOL FOR INTRA-OPERATIVE HISTOLOGIC ANALYSIS OF FRESH HUMAN GLIOMA TISSUE. <i>Neuro-Oncology</i> , <b>2018</b> , 20, vi253-vi253	1	78
254	Quantification of O-(2-[F]fluoroethyl)-L-tyrosine kinetics in glioma. <i>EJNMMI Research</i> , <b>2018</b> , 8, 72	3.6	10
253	MBRS-36. IDENTIFICATION OF TWO PROTEIN-SIGNALING STATES DELINEATING TRANSCRIPTIONALLY HETEROGENEOUS HUMAN MEDULLOBLASTOMA. <i>Neuro-Oncology</i> , <b>2018</b> , 20, i136-1136		78
252	Glioma: experimental models and reality. <i>Acta Neuropathologica</i> , <b>2017</b> , 133, 263-282	14.3	165
251	Impact of MR-guided boiling histotripsy in distinct murine tumor models. <i>Ultrasonics Sonochemistry</i> , <b>2017</b> , 38, 1-8	8.9	5
250	Hypoxia-Mediated Mechanisms Associated with Antiangiogenic Treatment Resistance in Glioblastomas. <i>American Journal of Pathology</i> , <b>2017</b> , 187, 940-953	5.8	45
249	Preclinical evaluation of convection-enhanced delivery of liposomal doxorubicin to treat pediatric diffuse intrinsic pontine glioma and thalamic high-grade glioma. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2017</b> , 19, 518-530	2.1	18
248	Copy number variation analysis and methylome profiling of a GNAQ-mutant primary meningeal melanocytic tumor and its liver metastasis. <i>Experimental and Molecular Pathology</i> , <b>2017</b> , 102, 25-31	4.4	8
247	Copy number variations as potential diagnostic and prognostic markers for CNS melanocytic neoplasms in neurocutaneous melanosis. <i>Acta Neuropathologica</i> , <b>2017</b> , 133, 333-335	14.3	3
246	Diagnostic Accuracy of Neuroimaging to Delineate Diffuse Gliomas within the Brain: A Meta-Analysis. <i>American Journal of Neuroradiology</i> , <b>2017</b> , 38, 1884-1891	4.4	35

245	Selective MET Kinase Inhibition in MET-Dependent Glioma Models Alters Gene Expression and Induces Tumor Plasticity. <i>Molecular Cancer Research</i> , <b>2017</b> , 15, 1587-1597	6.6	6
244	Interim results from the CATNON trial (EORTC study 26053-22054) of treatment with concurrent and adjuvant temozolomide for 1p/19q non-co-deleted anaplastic glioma: a phase 3, randomised, open-label intergroup study. <i>Lancet, The</i> , <b>2017</b> , 390, 1645-1653	40	225
243	Swarm Intelligence-Enhanced Detection of Non-Small-Cell Lung Cancer Using Tumor-Educated Platelets. <i>Cancer Cell</i> , <b>2017</b> , 32, 238-252.e9	24.3	150
242	Optical clearing and fluorescence deep-tissue imaging for 3D quantitative analysis of the brain tumor microenvironment. <i>Angiogenesis</i> , <b>2017</b> , 20, 533-546	10.6	50
241	cIMPACT-NOW (the consortium to inform molecular and practical approaches to CNS tumor taxonomy): a new initiative in advancing nervous system tumor classification. <i>Brain Pathology</i> , <b>2017</b> , 27, 851-852	6	36
240	EANO-ESMO Clinical Practice Guidelines for diagnosis, treatment and follow-up of patients with leptomeningeal metastasis from solid tumours. <i>Annals of Oncology</i> , <b>2017</b> , 28, iv84-iv99	10.3	157
239	Deceptive morphologic and epigenetic heterogeneity in diffuse intrinsic pontine glioma. <i>Oncotarget</i> , <b>2017</b> , 8, 60447-60452	3.3	16
238	Tumoren van het zenuwstelsel <b>2017</b> , 499-512		
237	Evaluation of age-dependent treatment strategies for children and young adults with pineoblastoma: analysis of pooled European Society for Paediatric Oncology (SIOP-E) and US Head Start data. <i>Neuro-Oncology</i> , <b>2017</b> , 19, 576-585	1	20
236	Molecular classification of anaplastic oligodendroglioma using next-generation sequencing: a report of the prospective randomized EORTC Brain Tumor Group 26951 phase III trial. <i>Neuro-Oncology</i> , <b>2016</b> , 18, 388-400	1	102
235	Identification of a novel inactivating mutation in Isocitrate Dehydrogenase 1 (IDH1-R314C) in a high grade astrocytoma. <i>Scientific Reports</i> , <b>2016</b> , 6, 30486	4.9	8
234	Comprehensive protein tyrosine phosphatase mRNA profiling identifies new regulators in the progression of glioma. <i>Acta Neuropathologica Communications</i> , <b>2016</b> , 4, 96	7.3	13
233	Accurate Delineation of Glioma Infiltration by Advanced PET/MR Neuro-Imaging (FRONTIER Study): A Diagnostic Study Protocol. <i>Neurosurgery</i> , <b>2016</b> , 79, 535-40	3.2	15
232	Bevacizumab Targeting Diffuse Intrinsic Pontine Glioma: Results of 89Zr-Bevacizumab PET Imaging in Brain Tumor Models. <i>Molecular Cancer Therapeutics</i> , <b>2016</b> , 15, 2166-74	6.1	37
231	Technical feasibility of integrating 7T anatomical MRI in image-guided radiotherapy of glioblastoma: a preparatory study. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , <b>2016</b> , 29, 591-603	2.8	11
230	Elevated levels of polymorphonuclear myeloid-derived suppressor cells in patients with glioblastoma highly express S100A8/9 and arginase and suppress T cell function. <i>Neuro-Oncology</i> , <b>2016</b> , 18, 1253-64	1	87
229	Re: a Word of Caution on New and Revolutionary Diagnostic Tests. <i>Cancer Cell</i> , <b>2016</b> , 29, 143-4	24.3	1
228	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. <i>Cell</i> , <b>2016</b> , 164, 1060-1073	36.2	483

227	Histologic classification of gliomas. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016</i> , 134, 71-95	3	118
226	Results of the interim analysis of the EORTC randomized phase III CATNON trial on concurrent and adjuvant temozolomide in anaplastic glioma without 1p/19q co-deletion: An Intergroup trial.. <i>Journal of Clinical Oncology, 2016</i> , 34, LBA2000-LBA2000	2.2	7
225	Results of the interim analysis of the EORTC randomized phase III CATNON trial on concurrent and adjuvant temozolomide in anaplastic glioma without 1p/19q co-deletion: An Intergroup trial.. <i>Journal of Clinical Oncology, 2016</i> , 34, LBA2000-LBA2000	2.2	14
224	Type 1 papillary renal cell carcinoma in a patient with schwannomatosis: Mosaic versus loss of SMARCB1 expression in respectively schwannoma and renal tumor cells. <i>Genes Chromosomes and Cancer, 2016</i> , 55, 350-4	5	8
223	Unique Presentation of Corneal Opacity in Peters Plus Syndrome: An Unusual Form of Peters Anomaly Showing Tissue Repair in Serial Analysis. <i>Cornea, 2016</i> , 35, 277-80	3.1	5
222	In vivo MR guided boiling histotripsy in a mouse tumor model evaluated by MRI and histopathology. <i>NMR in Biomedicine, 2016</i> , 29, 721-31	4.4	20
221	Papillary Tumor of the Pineal Region: A Distinct Molecular Entity. <i>Brain Pathology, 2016</i> , 26, 199-205	6	25
220	SF3B1 and EIF1AX mutations occur in primary leptomeningeal melanocytic neoplasms; yet another similarity to uveal melanomas. <i>Acta Neuropathologica Communications, 2016</i> , 4, 5	7.3	28
219	Third harmonic generation imaging for fast, label-free pathology of human brain tumors. <i>Biomedical Optics Express, 2016</i> , 7, 1889-904	3.5	35
218	Liquid biopsies in patients with diffuse glioma. <i>Acta Neuropathologica, 2015</i> , 129, 849-65	14.3	62
217	Evolution of DNA repair defects during malignant progression of low-grade gliomas after temozolomide treatment. <i>Acta Neuropathologica, 2015</i> , 129, 597-607	14.3	118
216	Mutations in g protein encoding genes and chromosomal alterations in primary leptomeningeal melanocytic neoplasms. <i>Pathology and Oncology Research, 2015</i> , 21, 439-47	2.6	31
215	Digital PCR quantification of MGMT methylation refines prediction of clinical benefit from alkylating agents in glioblastoma and metastatic colorectal cancer. <i>Annals of Oncology, 2015</i> , 26, 1994-1999	10.3	93
214	Landscape of chromosomal copy number aberrations in gangliogliomas and dysembryoplastic neuroepithelial tumours. <i>Neuropathology and Applied Neurobiology, 2015</i> , 41, 743-55	5.2	30
213	IDH mutation status and role of WHO grade and mitotic index in overall survival in grade II-III diffuse gliomas. <i>Acta Neuropathologica, 2015</i> , 129, 585-96	14.3	211
212	Primary melanocytic tumors of the central nervous system: a review with focus on molecular aspects. <i>Brain Pathology, 2015</i> , 25, 209-26	6	64
211	Overcoming the blood-brain tumor barrier for effective glioblastoma treatment. <i>Drug Resistance Updates, 2015</i> , 19, 1-12	23.2	503
210	Identification of a novel MET mutation in high-grade glioma resulting in an auto-active intracellular protein. <i>Acta Neuropathologica, 2015</i> , 130, 131-44	14.3	35

209	RNA-Seq of Tumor-Educated Platelets Enables Blood-Based Pan-Cancer, Multiclass, and Molecular Pathway Cancer Diagnostics. <i>Cancer Cell</i> , <b>2015</b> , 28, 666-676	24.3	480
208	A clinicopathologic study of 11 rosette-forming meningiomas: a rare and potentially confusing pattern. <i>Acta Neuropathologica</i> , <b>2015</b> , 130, 311-3	14.3	5
207	Increase in both CD14-positive and CD15-positive myeloid-derived suppressor cell subpopulations in the blood of patients with glioma but predominance of CD15-positive myeloid-derived suppressor cells in glioma tissue. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2015</b> , 74, 390-400	3.1	74
206	Whole-genome copy-number analysis identifies new leads for chromosomal aberrations involved in the oncogenesis and metastatic behavior of uveal melanomas. <i>Melanoma Research</i> , <b>2015</b> , 25, 200-9	3.3	14
205	Towards an integrated morphological and molecular WHO diagnosis of central nervous system tumors: a paradigm shift. <i>Current Opinion in Neurology</i> , <b>2015</b> , 28, 628-32	7.1	4
204	Oligodendroglioma: pathology, molecular mechanisms and markers. <i>Acta Neuropathologica</i> , <b>2015</b> , 129, 809-27	14.3	128
203	IDH mutant diffuse and anaplastic astrocytomas have similar age at presentation and little difference in survival: a grading problem for WHO. <i>Acta Neuropathologica</i> , <b>2015</b> , 129, 867-73	14.3	200
202	Allowance of tumor-educated platelets for multiclass liquid biopsy-based diagnosis of cancer.. <i>Journal of Clinical Oncology</i> , <b>2015</b> , 33, 11058-11058	2.2	
201	Identification of temozolomide resistance factors in glioblastoma via integrative miRNA/mRNA regulatory network analysis. <i>Scientific Reports</i> , <b>2014</b> , 4, 5260	4.9	26
200	Glutamate as chemotactic fuel for diffuse glioma cells: are they glutamate suckers?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2014</b> , 1846, 66-74	11.2	35
199	Premature termination of SMARCB1 translation may be followed by reinitiation in schwannomatosis-associated schwannomas, but results in absence of SMARCB1 expression in rhabdoid tumors. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 439-48	14.3	19
198	Mechanisms of intimate and long-distance cross-talk between glioma and myeloid cells: how to break a vicious cycle. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2014</b> , 1846, 560-75	11.2	31
197	The combination of IDH1 mutations and MGMT methylation status predicts survival in glioblastoma better than either IDH1 or MGMT alone. <i>Neuro-Oncology</i> , <b>2014</b> , 16, 1263-73	1	123
196	International Society Of Neuropathology--Haarlem consensus guidelines for nervous system tumor classification and grading. <i>Brain Pathology</i> , <b>2014</b> , 24, 429-35	6	408
195	Embryonal tumor with multilayered rosettes (ETMR): signed, sealed, delivered □ <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 305-8	14.3	11
194	Human pontine glioma cells can induce murine tumors. <i>Acta Neuropathologica</i> , <b>2014</b> , 127, 897-909	14.3	51
193	Subventricular spread of diffuse intrinsic pontine glioma. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 605-7	14.3	52
192	Experimental treatment of NRAS-mutated neurocutaneous melanocytosis with MEK162, a MEK-inhibitor. <i>Acta Neuropathologica Communications</i> , <b>2014</b> , 2, 41	7.3	42



191	GE-08 * TARGETED NEXT GENERATION SEQUENCING OF ARCHIVAL FFPE SAMPLES FROM EORTC STUDY 26951 SHOWS STRONG PROGNOSTIC VALUE OF A MOLECULAR CLASSIFICATION IN LOCALLY DIAGNOSED GRADE III OLIGODENDROGLIOMA. <i>Neuro-Oncology</i> , <b>2014</b> , 16, v97-v97	1	78
190	Spatial and temporal evolution of distal 10q deletion, a prognostically unfavorable event in diffuse low-grade gliomas. <i>Genome Biology</i> , <b>2014</b> , 15, 471	18.3	26
189	Upregulation of Claudin-4, CAIX and GLUT-1 in distant breast cancer metastases. <i>BMC Cancer</i> , <b>2014</b> , 14, 864	4.8	29
188	Can excision of meningiomas be limited to resection of tumor and radiologically abnormal dura mater? Neuronavigation-guided biopsies of dural tail and seemingly normal dura mater, with a review of the literature. <i>World Neurosurgery</i> , <b>2014</b> , 82, e832-6	2.1	7
187	DNA copy number analysis of fresh and formalin-fixed specimens by shallow whole-genome sequencing with identification and exclusion of problematic regions in the genome assembly. <i>Genome Research</i> , <b>2014</b> , 24, 2022-32	9.7	210
186	Immune Responses to Tumours in the CNS <b>2014</b> , 363-384		2
185	Development and Developmental Disorders of the Human Cerebellum <b>2014</b> , 371-420		2
184	SMARCB1 involvement in the development of leiomyoma in a patient with schwannomatosis. <i>American Journal of Surgical Pathology</i> , <b>2014</b> , 38, 421-5	6.7	23
183	Genomic evolution from primary breast carcinoma to distant metastasis: Few copy number changes of breast cancer related genes. <i>Cancer Letters</i> , <b>2014</b> , 344, 138-146	9.9	32
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4	DNA methylation classification in diffuse glioma shows little spatial heterogeneity after adjusting for tumor purity		1
3	Reconstructing the Molecular Life History of Gliomas		2
2	Longitudinal analysis of diffuse glioma reveals cell state dynamics at recurrence associated with changes in genetics and the microenvironment		2
1	The epigenetic evolution of gliomas is determined by their IDH1 mutation status and treatment regimen		1