

Roel G W Verhaak

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.

143
papers

30,368
citations

64
h-index

151
g-index

151
ext. papers

38,952
ext. citations

15
avg, IF

6.29
L-index

#	Paper	IF	Citations
143	Spatiotemporal dynamics of clonal selection and diversification in normal endometrial epithelium.. <i>Nature Communications</i> , 2022 , 13, 943	17.4	4
142	A validated integrated clinical and molecular glioblastoma long-term survival-predictive nomogram. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdaa146	0.9	2
141	INNV-08. LOW AND INTERMEDIATE GRADE GLIOMA UMBRELLA STUDY OF MOLECULAR GUIDED THERAPIES (LUMOS) STUDY. <i>Neuro-Oncology</i> , 2021 , 23, vi106-vi107	1	
140	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> , 2021 , 23, vi3-vi3	1	
139	TMOD-13. IDENTIFYING DRIVERS IN THE CONVERGING SYNTENIC REGIONS OF SPONTANEOUS CANINE AND PEDIATRIC HIGH-GRADE GLIOMA USING IMAGING BASED CRISPR-CAS9 ARRAY SCREEN. <i>Neuro-Oncology</i> , 2021 , 23, vi218-vi218	1	
138	BIOM-41. LIVE-CELL IMAGING SHOWS UNEVEN SEGREGATION OF EXTRACHROMOSOMAL DNA ELEMENTS AND TRANSCRIPTIONALLY ACTIVE EXTRACHROMOSOMAL DNA CLUSTERS IN CANCER. <i>Neuro-Oncology</i> , 2021 , 23, vi20-vi20	1	
137	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> , 2021 , 23, vi5-vi5	1	
136	Live-cell imaging shows uneven segregation of extrachromosomal DNA elements and transcriptionally active extrachromosomal DNA hubs in cancer. <i>Cancer Discovery</i> , 2021 ,	24.4	9
135	HUGO Gene Nomenclature Committee (HGNC) recommendations for the designation of gene fusions. <i>Leukemia</i> , 2021 , 35, 3040-3043	10.7	10
134	Perspective of mesenchymal transformation in glioblastoma. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 50	7.3	8
133	Radiotherapy is associated with a deletion signature that contributes to poor outcomes in patients with cancer. <i>Nature Genetics</i> , 2021 , 53, 1088-1096	36.3	16
132	Spatial concordance of DNA methylation classification in diffuse glioma. <i>Neuro-Oncology</i> , 2021 , 23, 2054-2065	5	
131	Oncogenic extrachromosomal DNA functions as mobile enhancers to globally amplify chromosomal transcription. <i>Cancer Cell</i> , 2021 , 39, 694-707.e7	24.3	22
130	OMRT-3. Longitudinal analysis of diffuse glioma reveals cell state dynamics at recurrence associated with changes in genetics and the microenvironment. <i>Neuro-Oncology Advances</i> , 2021 , 3, ii7-ii8	0.9	0
129	OTEH-10. Evolutionary trajectory of epigenomic of gliomas. <i>Neuro-Oncology Advances</i> , 2021 , 3, ii12-ii12	0.9	78
128	Homozygous MTAP deletion in primary human glioblastoma is not associated with elevation of methylthioadenosine. <i>Nature Communications</i> , 2021 , 12, 4228	17.4	3
127	Very low mutation burden is a feature of inflamed recurrent glioblastomas responsive to cancer immunotherapy. <i>Nature Communications</i> , 2021 , 12, 352	17.4	31

126	Single-cell multimodal glioma analyses identify epigenetic regulators of cellular plasticity and environmental stress response. <i>Nature Genetics</i> , 2021 , 53, 1456-1468	36.3	9
125	BIOM-20. TUMOR-INTRINSIC AND PERIPHERAL FEATURES ASSOCIATE WITH SURVIVAL AFTER POLIO VIROTHERAPY IN RECURRENT GBM. <i>Neuro-Oncology</i> , 2021 , 23, vi14-vi15	1	
124	EPCO-13. MULTIOMIC SINGLE NUCLEUS RNA- AND ATACseq PROFILING REVEALS REGULATORS OF GLIOMA CELL STATE DIVERSITY. <i>Neuro-Oncology</i> , 2021 , 23, vi4-vi4	1	
123	LUMOS - Low and Intermediate Grade Glioma Umbrella Study of Molecular Guided Therapies at relapse: Protocol for a pilot study. <i>BMJ Open</i> , 2021 , 11, e054075	3	0
122	A cancer drug atlas enables synergistic targeting of independent drug vulnerabilities. <i>Nature Communications</i> , 2020 , 11, 2935	17.4	17
121	iGLASS: imaging integration into the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2020 , 22, 1545-1546	1	4
120	Comparative Molecular Life History of Spontaneous Canine and Human Gliomas. <i>Cancer Cell</i> , 2020 , 37, 243-257.e7	24.3	21
119	Genomic and Phenotypic Characterization of a Broad Panel of Patient-Derived Xenografts Reflects the Diversity of Glioblastoma. <i>Clinical Cancer Research</i> , 2020 , 26, 1094-1104	12.9	48
118	Disruption of chromatin folding domains by somatic genomic rearrangements in human cancer. <i>Nature Genetics</i> , 2020 , 52, 294-305	36.3	81
117	Glioblastoma in adults: a Society for Neuro-Oncology (SNO) and European Society of Neuro-Oncology (EANO) consensus review on current management and future directions. <i>Neuro-Oncology</i> , 2020 , 22, 1073-1113	1	178
116	EPCO-27. GLIOMA SINGLE CELL MULTI-OMIC ANALYSES REVEALS REGULATORS OF PLASTICITY AND ADAPTIVE STRESS RESPONSE. <i>Neuro-Oncology</i> , 2020 , 22, ii75-ii75	1	
115	EPCO-11. IN VIVO FUNCTIONAL GENOMIC SCREEN IDENTIFIES WISP1 AS AN OVEREXPRESSED DRIVER OF GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020 , 22, ii71-ii71	1	
114	TMOD-13. RESEARCH RESOURCES FOR OLIGODENDROGLIOMA NOW AVAILABLE TO RESEARCH COMMUNITY. <i>Neuro-Oncology</i> , 2020 , 22, ii230-ii230	1	
113	EPCO-29. EPIGENOMICS OF THE GLIOMA LONGITUDINAL ANALYSIS (GLASS) CONSORTIUM. <i>Neuro-Oncology</i> , 2020 , 22, ii75-ii75	1	
112	EPCO-15. TUMOR TREATMENT WITH IONIZING RADIATION IS ASSOCIATED WITH A CLINICALLY RELEVANT DELETION SIGNATURE. <i>Neuro-Oncology</i> , 2020 , 22, ii72-ii72	1	
111	EPCO-08. TUMOR-IMMUNE INTERACTIONS ARE DYNAMIC AND INFLUENCE THE EVOLUTIONARY TRAJECTORY OF ADULT DIFFUSE GLIOMA. <i>Neuro-Oncology</i> , 2020 , 22, ii70-ii71	1	
110	Extrachromosomal DNA (ecDNA) carrying amplified oncogenes as a biomarker for insensitivity to pembrolizumab treatment in gastric cancer patients.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 3123-3123	2.2	1
109	Amplification Induces Increased DNA Damage Response and Renders Selective Sensitivity to Talazoparib (PARP Inhibitor) in Glioblastoma. <i>Clinical Cancer Research</i> , 2020 , 26, 1395-1407	12.9	10

108	Molecular and clonal evolution in recurrent metastatic gliosarcoma. <i>Journal of Physical Education and Sports Management</i> , 2020 , 6,	2.8	4
107	Somatic mutation distributions in cancer genomes vary with three-dimensional chromatin structure. <i>Nature Genetics</i> , 2020 , 52, 1178-1188	36.3	25
106	MGMT genomic rearrangements contribute to chemotherapy resistance in gliomas. <i>Nature Communications</i> , 2020 , 11, 3883	17.4	47
105	Transcriptional regulatory networks of tumor-associated macrophages that drive malignancy in mesenchymal glioblastoma. <i>Genome Biology</i> , 2020 , 21, 216	18.3	28
104	Extrachromosomal DNA is associated with oncogene amplification and poor outcome across multiple cancers. <i>Nature Genetics</i> , 2020 , 52, 891-897	36.3	79
103	EPCO-09. STEREOTACTIC IMAGE-GUIDED EPIGENOME PROFILING REVEALS DIVERSE EVOLUTIONARY GROWTH ROUTES IN DIFFUSE GLIOMAS. <i>Neuro-Oncology</i> , 2020 , 22, ii71-ii71	1	
102	Doomed from the TERT? A Two-Stage Model of Tumorigenesis in IDH-Wild-Type Glioblastoma. <i>Cancer Cell</i> , 2019 , 35, 542-544	24.3	2
101	Extrachromosomal oncogene amplification in tumour pathogenesis and evolution. <i>Nature Reviews Cancer</i> , 2019 , 19, 283-288	31.3	108
100	Prospective Clinical Sequencing of Adult Glioma. <i>Molecular Cancer Therapeutics</i> , 2019 , 18, 991-1000	6.1	7
99	BMP signaling mediates glioma stem cell quiescence and confers treatment resistance in glioblastoma. <i>Scientific Reports</i> , 2019 , 9, 14569	4.9	23
98	Osteopontin mediates glioblastoma-associated macrophage infiltration and is a potential therapeutic target. <i>Journal of Clinical Investigation</i> , 2019 , 129, 137-149	15.9	121
97	PATH-48. THE DNA METHYLATION LANDSCAPE OF CORE AND PERIPHERAL DIFFUSE GLIOMA REGIONS SHOWS LITTLE SPATIAL SUBTYPE HETEROGENEITY AFTER CONSIDERING TUMOR PURITY. <i>Neuro-Oncology</i> , 2019 , 21, vi154-vi154	1	78
96	COMP-15. MOLECULAR AND CLONAL EVOLUTION IN RECURRENT METASTATIC GLIOSARCOMA. <i>Neuro-Oncology</i> , 2019 , 21, vi64-vi64	1	78
95	EPID-23. PURSUIT OF AN INTERNATIONAL LANGUAGE OF GLIOMA RESEARCH: COMMON DATA ELEMENTS FOR THE LONGITUDINAL STUDY OF ADULT MALIGNANT GLIOMA. <i>Neuro-Oncology</i> , 2019 , 21, vi79-vi79	1	1
94	GENE-40. CHARACTERIZING EPIGENETIC INTRATUMORAL HETEROGENEITY IN GLIOMA USING SINGLE-CELL BISULFITE SEQUENCING. <i>Neuro-Oncology</i> , 2019 , 21, vi106-vi106	1	78
93	GENE-57. COMPARATIVE MOLECULAR LIFE HISTORY OF SPONTANEOUS CANINE AND HUMAN GLIOMA. <i>Neuro-Oncology</i> , 2019 , 21, vi110-vi110	1	78
92	GENE-28. LONGITUDINAL MOLECULAR TRAJECTORIES OF DIFFUSE GLIOMA IN ADULTS. <i>Neuro-Oncology</i> , 2019 , 21, vi103-vi103	1	1
91	Circular ecDNA promotes accessible chromatin and high oncogene expression. <i>Nature</i> , 2019 , 575, 699-703	50.4	134

90	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019 , 576, 112-120	50.4	151
89	Discordant inheritance of chromosomal and extrachromosomal DNA elements contributes to dynamic disease evolution in glioblastoma. <i>Nature Genetics</i> , 2018 , 50, 708-717	36.3	116
88	Reconstructing the molecular life history of gliomas. <i>Acta Neuropathologica</i> , 2018 , 135, 649-670	14.3	44
87	Glioma through the looking GLASS: molecular evolution of diffuse gliomas and the Glioma Longitudinal Analysis Consortium. <i>Neuro-Oncology</i> , 2018 , 20, 873-884	1	63
86	Novel therapeutic strategy for cervical cancer harboring FGFR3-TACC3 fusions. <i>Oncogenesis</i> , 2018 , 7, 4	6.6	30
85	TumorFusions: an integrative resource for cancer-associated transcript fusions. <i>Nucleic Acids Research</i> , 2018 , 46, D1144-D1149	20.1	107
84	EGFR heterogeneity and implications for therapeutic intervention in glioblastoma. <i>Neuro-Oncology</i> , 2018 , 20, 743-752	1	116
83	Evolving Insights into the Molecular Neuropathology of Diffuse Gliomas in Adults. <i>Neurologic Clinics</i> , 2018 , 36, 421-437	4.5	7
82	The Tandem Duplicator Phenotype Is a Prevalent Genome-Wide Cancer Configuration Driven by Distinct Gene Mutations. <i>Cancer Cell</i> , 2018 , 34, 197-210.e5	24.3	82
81	The polo-like kinase 1 inhibitor volasertib synergistically increases radiation efficacy in glioma stem cells. <i>Oncotarget</i> , 2018 , 9, 10497-10509	3.3	10
80	DDIS-03. EGFR AMPLIFICATION INDUCED INCREASED DNA DAMAGE RESPONSE AND PREDICTED SELECTIVE SENSITIVITY TO TALAZOPARIB (PARP INHIBITOR) IN GLIOBLASTOMA STEM-LIKE CELLS. <i>Neuro-Oncology</i> , 2018 , 20, vi69-vi69	1	78
79	COMP-07. COMPARATIVE MOLECULAR LIFE HISTORY OF SPONTANEOUS CANINE AND HUMAN GLIOMA. <i>Neuro-Oncology</i> , 2018 , 20, vi64-vi65	1	1
78	IMMU-36. IMMUNE RESPONSES IN CANINE GLIOMAS ARE ENRICHED AT THE INFILTRATING EDGE OF ASTROCYTOMAS. <i>Neuro-Oncology</i> , 2018 , 20, vi129-vi129	1	78
77	TMOD-18. THE PATIENT DERIVED XENOGRAFT NATIONAL RESOURCE: A COMPREHENSIVE COLLECTION OF HIGH-GRADE GLIOMA MODELS FOR PRE-CLINICAL AND TRANSLATIONAL STUDIES. <i>Neuro-Oncology</i> , 2018 , 20, vi272-vi272	1	78
76	The evolutionary pattern of mutations in glioblastoma reveals therapy-mediated selection. <i>Oncotarget</i> , 2018 , 9, 7844-7858	3.3	23
75	DRES-05. MOLECULAR EVOLUTION OF DIFFUSE GLIOMAS AND THE GLIOMA LONGITUDINAL ANALYSIS CONSORTIUM. <i>Neuro-Oncology</i> , 2018 , 20, vi76-vi76	1	78
74	RBTT-07. NUTMEG: A RANDOMISED PHASE II STUDY OF NIVOLUMAB AND TEMOZOLOMIDE (TMZ) VS TMZ ALONE IN ELDERLY PATIENTS WITH NEWLY DIAGNOSED GLIOBLASTOMA (GBM): TRIAL IN PROGRESS. <i>Neuro-Oncology</i> , 2018 , 20, vi235-vi235	1	1
73	Pharmacogenomic landscape of patient-derived tumor cells informs precision oncology therapy. <i>Nature Genetics</i> , 2018 , 50, 1399-1411	36.3	94

72	Systematic analysis of telomere length and somatic alterations in 31 cancer types. <i>Nature Genetics</i> , 2017 , 49, 349-357	36.3	277
71	Glioma: experimental models and reality. <i>Acta Neuropathologica</i> , 2017 , 133, 263-282	14.3	165
70	Prognostic Relevance of Tumor Purity and Interaction with MGMT Methylation in Glioblastoma. <i>Molecular Cancer Research</i> , 2017 , 15, 532-540	6.6	17
69	Engineering and Functional Characterization of Fusion Genes Identifies Novel Oncogenic Drivers of Cancer. <i>Cancer Research</i> , 2017 , 77, 3502-3512	10.1	22
68	Multigene signature for predicting prognosis of patients with 1p19q co-deletion diffuse glioma. <i>Neuro-Oncology</i> , 2017 , 19, 786-795	1	57
67	PAF promotes stemness and radioresistance of glioma stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E9086-E9095	11.5	28
66	Navigating the Cancer Transcriptome by Decoding Divergent Oncogenic States. <i>Cell Systems</i> , 2017 , 5, 90-92	10.6	
65	Exosomes from Glioma-Associated Mesenchymal Stem Cells Increase the Tumorigenicity of Glioma Stem-like Cells via Transfer of miR-1587. <i>Cancer Research</i> , 2017 , 77, 5808-5819	10.1	126
64	Integrative Analysis Identifies Four Molecular and Clinical Subsets in Uveal Melanoma. <i>Cancer Cell</i> , 2017 , 32, 204-220.e15	24.3	391
63	Comprehensive and Integrated Genomic Characterization of Adult Soft Tissue Sarcomas. <i>Cell</i> , 2017 , 171, 950-965.e28	56.2	451
62	Tumor Evolution of Glioma-Intrinsic Gene Expression Subtypes Associates with Immunological Changes in the Microenvironment. <i>Cancer Cell</i> , 2017 , 32, 42-56.e6	24.3	680
61	GlioVis data portal for visualization and analysis of brain tumor expression datasets. <i>Neuro-Oncology</i> , 2017 , 19, 139-141	1	340
60	Moving the needle: Optimizing classification for glioma. <i>Science Translational Medicine</i> , 2016 , 8, 350fs14	17.5	19
59	TMIC-14. TUMOR EVOLUTION OF GLIOMA INTRINSIC GENE EXPRESSION SUBTYPE ASSOCIATES WITH IMMUNOLOGICAL CHANGES IN THE MICROENVIRONMENT. <i>Neuro-Oncology</i> , 2016 , 18, vi202-vi202 ¹		10
58	Molecular Profiling Reveals Biologically Discrete Subsets and Pathways of Progression in Diffuse Glioma. <i>Cell</i> , 2016 , 164, 550-63	56.2	1140
57	TMOD-31. AN INFLAMMATION RESPONSE GENE SIGNATURE IS ASSOCIATED WITH PROGNOSIS OF GLIOMA PATIENTS WITH 1p/19q CO-DELETION TUMORS. <i>Neuro-Oncology</i> , 2016 , 18, vi213-vi213	1	
56	Immune checkpoint blockade as a potential therapeutic target: surveying CNS malignancies. <i>Neuro-Oncology</i> , 2016 , 18, 1357-66	1	97
55	MSK1-Mediated E-Catenin Phosphorylation Confers Resistance to PI3K/mTOR Inhibitors in Glioblastoma. <i>Molecular Cancer Therapeutics</i> , 2016 , 15, 1656-68	6.1	19

54	Comprehensive Pan-Genomic Characterization of Adrenocortical Carcinoma. <i>Cancer Cell</i> , 2016 , 29, 723-736	24.3	324
53	Distinct patterns of somatic genome alterations in lung adenocarcinomas and squamous cell carcinomas. <i>Nature Genetics</i> , 2016 , 48, 607-16	36.3	613
52	Seek and destroy: relating cancer drivers to therapies. <i>Cancer Cell</i> , 2015 , 27, 319-21	24.3	5
51	Toward understanding and exploiting tumor heterogeneity. <i>Nature Medicine</i> , 2015 , 21, 846-53	50.5	441
50	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015 , 372, 2481-98	59.2	1828
49	Transcriptional mimicry by tumor-associated stroma. <i>Nature Genetics</i> , 2015 , 47, 307-9	36.3	13
48	Ets Factors Regulate Neural Stem Cell Depletion and Gliogenesis in Ras Pathway Glioma. <i>Cell Reports</i> , 2015 , 12, 258-71	10.6	38
47	Novel kinase fusion transcripts found in endometrial cancer. <i>Scientific Reports</i> , 2015 , 5, 18657	4.9	11
46	EPIG-14EPIGENOMIC (DNA METHYLATION AND EXPRESSION) SIGNATURES DEFINE SUBSETS OF BOTH IDHmut AND IDHwt GLIOMA WITH DISTINCT CLINICAL OUTCOMES. <i>Neuro-Oncology</i> , 2015 , 17, v89.2-v89	1	78
45	Molecular profiling of long-term survivors identifies a subgroup of glioblastoma characterized by chromosome 19/20 co-gain. <i>Acta Neuropathologica</i> , 2015 , 130, 419-34	14.3	41
44	Biphasic components of sarcomatoid clear cell renal cell carcinomas are molecularly similar to each other, but distinct from, non-sarcomatoid renal carcinomas. <i>Journal of Pathology: Clinical Research</i> , 2015 , 1, 212-24	5.3	8
43	GENO-36GLIOMA SPHERE-FORMING CELLS REVEAL INTRINSIC GLOBAL HYPERMETHYLATION ASSOCIATED WITH GBM RADIATION RESISTANCE. <i>Neuro-Oncology</i> , 2015 , 17, v99.5-v100	1	78
42	Mir-21-Sox2 Axis Delineates Glioblastoma Subtypes with Prognostic Impact. <i>Journal of Neuroscience</i> , 2015 , 35, 15097-112	6.6	41
41	Whole-genome and multisector exome sequencing of primary and post-treatment glioblastoma reveals patterns of tumor evolution. <i>Genome Research</i> , 2015 , 25, 316-27	9.7	240
40	Histone demethylase JARID1C inactivation triggers genomic instability in sporadic renal cancer. <i>Journal of Clinical Investigation</i> , 2015 , 125, 4625-37	15.9	42
39	Silent mutations make some noise. <i>Cell</i> , 2014 , 156, 1129-1131	56.2	28
38	Transformation of quiescent adult oligodendrocyte precursor cells into malignant glioma through a multistep reactivation process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E4214-23	11.5	81
37	ZFH4 interacts with the NuRD core member CHD4 and regulates the glioblastoma tumor-initiating cell state. <i>Cell Reports</i> , 2014 , 6, 313-24	10.6	77

36	A high Notch pathway activation predicts response to β -secretase inhibitors in proneural subtype of glioma tumor-initiating cells. <i>Stem Cells</i> , 2014 , 32, 301-12	5.8	102
35	PRADA: pipeline for RNA sequencing data analysis. <i>Bioinformatics</i> , 2014 , 30, 2224-6	7.2	117
34	Inferring tumour purity and stromal and immune cell admixture from expression data. <i>Nature Communications</i> , 2013 , 4, 2612	17.4	2572
33	The somatic genomic landscape of glioblastoma. <i>Cell</i> , 2013 , 155, 462-77	56.2	2900
32	Integrative genomic analyses reveal clinically relevant long noncoding RNAs in human cancer. <i>Nature Structural and Molecular Biology</i> , 2013 , 20, 908-13	17.6	432
31	Integrated cisomic and expression analysis of amplified NKX2-1 in lung adenocarcinoma identifies LMO3 as a functional transcriptional target. <i>Genes and Development</i> , 2013 , 27, 197-210	12.6	47
30	A survey of intragenic breakpoints in glioblastoma identifies a distinct subset associated with poor survival. <i>Genes and Development</i> , 2013 , 27, 1462-72	12.6	50
29	Prognostically relevant gene signatures of high-grade serous ovarian carcinoma. <i>Journal of Clinical Investigation</i> , 2013 , 123, 517-25	15.9	371
28	Predicting time to ovarian carcinoma recurrence using protein markers. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3740-50	15.9	42
27	Transformation by the (R)-enantiomer of 2-hydroxyglutarate linked to EGLN activation. <i>Nature</i> , 2012 , 483, 484-8	50.4	549
26	The cellular origin for malignant glioma and prospects for clinical advancements. <i>Expert Review of Molecular Diagnostics</i> , 2012 , 12, 383-94	3.8	113
25	Sequential gain of mutations in severe congenital neutropenia progressing to acute myeloid leukemia. <i>Blood</i> , 2012 , 119, 5071-7	2.2	133
24	Src Inhibition with saracatinib reverses fulvestrant resistance in ER-positive ovarian cancer models in vitro and in vivo. <i>Clinical Cancer Research</i> , 2012 , 18, 5911-23	12.9	49
23	Studying a complex tumor: potential and pitfalls. <i>Cancer Journal (Sudbury, Mass)</i> , 2012 , 18, 107-14	2.2	23
22	PathSeq: software to identify or discover microbes by deep sequencing of human tissue. <i>Nature Biotechnology</i> , 2011 , 29, 393-6	44.5	213
21	Genomic sequencing of colorectal adenocarcinomas identifies a recurrent VTI1A-TCF7L2 fusion. <i>Nature Genetics</i> , 2011 , 43, 964-968	36.3	242
20	Mosaic analysis with double markers reveals tumor cell of origin in glioma. <i>Cell</i> , 2011 , 146, 209-21	56.2	461
19	Glioblastoma-derived epidermal growth factor receptor carboxyl-terminal deletion mutants are transforming and are sensitive to EGFR-directed therapies. <i>Cancer Research</i> , 2011 , 71, 7587-96	10.1	62

18	Unifying gene expression measures from multiple platforms using factor analysis. <i>PLoS ONE</i> , 2011 , 6, e17691	3.7	11
17	Suppression of lung adenocarcinoma progression by Nkx2-1. <i>Nature</i> , 2011 , 473, 101-4	50.4	312
16	Integrative analysis of the melanoma transcriptome. <i>Genome Research</i> , 2010 , 20, 413-27	9.7	216
15	Integrated genomic analysis identifies clinically relevant subtypes of glioblastoma characterized by abnormalities in PDGFRA, IDH1, EGFR, and NF1. <i>Cancer Cell</i> , 2010 , 17, 98-110	24.3	4782
14	Identification of a CpG island methylator phenotype that defines a distinct subgroup of glioma. <i>Cancer Cell</i> , 2010 , 17, 510-22	24.3	1754
13	Prediction of molecular subtypes in acute myeloid leukemia based on gene expression profiling. <i>Haematologica</i> , 2009 , 94, 131-4	6.6	251
12	SOX2 is an amplified lineage-survival oncogene in lung and esophageal squamous cell carcinomas. <i>Nature Genetics</i> , 2009 , 41, 1238-42	36.3	733
11	Predicting drug susceptibility of non-small cell lung cancers based on genetic lesions. <i>Journal of Clinical Investigation</i> , 2009 , 119, 1727-40	15.9	205
10	Gene expression-based survival prediction in lung adenocarcinoma: a multi-site, blinded validation study. <i>Nature Medicine</i> , 2008 , 14, 822-7	50.5	835
9	Characterizing the cancer genome in lung adenocarcinoma. <i>Nature</i> , 2007 , 450, 893-8	50.4	900
8	Differential regulation of Foxo3a target genes in erythropoiesis. <i>Molecular and Cellular Biology</i> , 2007 , 27, 3839-3854	4.8	70
7	A distal single nucleotide polymorphism alters long-range regulation of the PU.1 gene in acute myeloid leukemia. <i>Journal of Clinical Investigation</i> , 2007 , 117, 2611-20	15.9	93
6	Significance of murine retroviral mutagenesis for identification of disease genes in human acute myeloid leukemia. <i>Cancer Research</i> , 2006 , 66, 622-6	10.1	25
5	Essential role of Jun family transcription factors in PU.1 knockdown-induced leukemic stem cells. <i>Nature Genetics</i> , 2006 , 38, 1269-77	36.3	146
4	Prognostically useful gene-expression profiles in acute myeloid leukemia. <i>New England Journal of Medicine</i> , 2004 , 350, 1617-28	59.2	1106
3	A Modular Master Regulator Landscape Determines the Impact of Genetic Alterations on the Transcriptional Identity of Cancer Cells		2
2	Frequent extrachromosomal oncogene amplification drives aggressive tumors		1
1	Comparative molecular life history of spontaneous canine and human gliomas		1

