

Gaetano Finocchiaro

List of Publications by Citations

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151
papers

14,111
citations

49
h-index

118
g-index

164
ext. papers

17,397
ext. citations

9.6
avg, IF

5.47
L-index

#	Paper	IF	Citations
151	The somatic genomic landscape of glioblastoma. <i>Cell</i> , 2013 , 155, 462-77	56.2	2900
150	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015 , 372, 2481-98	59.2	1828
149	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
148	Transforming fusions of FGFR and TACC genes in human glioblastoma. <i>Science</i> , 2012 , 337, 1231-5	33.3	567
147	Rindopepimut with temozolomide for patients with newly diagnosed, EGFRVIII-expressing glioblastoma (ACT IV): a randomised, double-blind, international phase 3 trial. <i>Lancet Oncology, The</i> , 2017 , 18, 1373-1385	21.7	518
146	Intertumoral Heterogeneity within Medulloblastoma Subgroups. <i>Cancer Cell</i> , 2017 , 31, 737-754.e6	24.3	511
145	Immunotherapy response assessment in neuro-oncology: a report of the RANO working group. <i>Lancet Oncology, The</i> , 2015 , 16, e534-e542	21.7	425
144	Gene therapy of experimental brain tumors using neural progenitor cells. <i>Nature Medicine</i> , 2000 , 6, 447-50.5	50.5	414
143	The integrated landscape of driver genomic alterations in glioblastoma. <i>Nature Genetics</i> , 2013 , 45, 1141-96.3	36.3	400
142	Clonal evolution of glioblastoma under therapy. <i>Nature Genetics</i> , 2016 , 48, 768-76	36.3	390
141	Neurospheres enriched in cancer stem-like cells are highly effective in eliciting a dendritic cell-mediated immune response against malignant gliomas. <i>Cancer Research</i> , 2006 , 66, 10247-52	10.1	201
140	Identification of tumor-specific molecular signatures in intracranial ependymoma and association with clinical characteristics. <i>Journal of Clinical Oncology</i> , 2006 , 24, 5223-33	2.2	187
139	Detection, Characterization, and Inhibition of FGFR-TACC Fusions in IDH Wild-type Glioma. <i>Clinical Cancer Research</i> , 2015 , 21, 3307-17	12.9	176
138	Epigenetic Activation of WNT5A Drives Glioblastoma Stem Cell Differentiation and Invasive Growth. <i>Cell</i> , 2016 , 167, 1281-1295.e18	56.2	155
137	Longitudinal molecular trajectories of diffuse glioma in adults. <i>Nature</i> , 2019 , 576, 112-120	50.4	151
136	Combined analysis of TERT, EGFR, and IDH status defines distinct prognostic glioblastoma classes. <i>Neurology</i> , 2014 , 83, 1200-6	6.5	142
135	Molecular characterization of inherited carnitine palmitoyltransferase II deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 8429-33	11.5	138

134	Prognostic factors for survival in 676 consecutive patients with newly diagnosed primary glioblastoma. <i>Neuro-Oncology</i> , 2008 , 10, 79-87	1	136
133	cDNA cloning, sequence analysis, and chromosomal localization of the gene for human carnitine palmitoyltransferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 661-5	11.5	129
132	TERT promoter mutations in gliomas, genetic associations and clinico-pathological correlations. <i>British Journal of Cancer</i> , 2014 , 111, 2024-32	8.7	126
131	Methylation of O6-methylguanine DNA methyltransferase and loss of heterozygosity on 19q and/or 17p are overlapping features of secondary glioblastomas with prolonged survival. <i>Clinical Cancer Research</i> , 2007 , 13, 2606-13	12.9	123
130	The "bystander effect": association of U-87 cell death with ganciclovir-mediated apoptosis of nearby cells and lack of effect in athymic mice. <i>Human Gene Therapy</i> , 1995 , 6, 763-72	4.8	123
129	The landscape of the mesenchymal signature in brain tumours. <i>Brain</i> , 2019 , 142, 847-866	11.2	120
128	Enhancer of Zeste 2 (EZH2) is up-regulated in malignant gliomas and in glioma stem-like cells. <i>Neuropathology and Applied Neurobiology</i> , 2011 , 37, 381-94	5.2	106
127	The MET oncogene is a functional marker of a glioblastoma stem cell subtype. <i>Cancer Research</i> , 2012 , 72, 4537-50	10.1	104
126	The molecular landscape of glioma in patients with Neurofibromatosis 1. <i>Nature Medicine</i> , 2019 , 25, 176-183	10.3	88
125	Carnitine palmitoyltransferase II deficiency: structure of the gene and characterization of two novel disease-causing mutations. <i>Human Molecular Genetics</i> , 1995 , 4, 19-29	5.6	83
124	High-resolution genomic copy number profiling of glioblastoma multiforme by single nucleotide polymorphism DNA microarray. <i>Molecular Cancer Research</i> , 2009 , 7, 665-77	6.6	78
123	Randomized, Double-Blind, Placebo-Controlled, Multicenter Phase II Study of Onartuzumab Plus Bevacizumab Versus Placebo Plus Bevacizumab in Patients With Recurrent Glioblastoma: Efficacy, Safety, and Hepatocyte Growth Factor and O-Methylguanine-DNA Methyltransferase Biomarker Analysis. <i>Journal of Clinical Oncology</i> , 2017 , 35, 2512-2521	2.2	77
122	Sox2 is required to maintain cancer stem cells in a mouse model of high-grade oligodendroglioma. <i>Cancer Research</i> , 2014 , 74, 1833-44	10.1	75
121	Effective immuno-targeting of the IDH1 mutation R132H in a murine model of intracranial glioma. <i>Acta Neuropathologica Communications</i> , 2015 , 3, 4	7.3	73
120	PTEN/MMAC1 mutations in primary glioblastomas and short-term cultures of malignant gliomas. <i>Oncogene</i> , 1998 , 16, 541-5	9.2	72
119	A radial glia gene marker, fatty acid binding protein 7 (FABP7), is involved in proliferation and invasion of glioblastoma cells. <i>PLoS ONE</i> , 2012 , 7, e52113	3.7	69
118	NEDD9, a novel target of miR-145, increases the invasiveness of glioblastoma. <i>Oncotarget</i> , 2012 , 3, 723-34	3.5	69
117	Constitutive and TNF α Inducible expression of chondroitin sulfate proteoglycan 4 in glioblastoma and neurospheres: Implications for CAR-T cell therapy. <i>Science Translational Medicine</i> , 2018 , 10,	17.5	67

116	Different simian virus 40 genomic regions and sequences homologous with SV40 large T antigen in DNA of human brain and bone tumors and of leukocytes from blood donors. <i>Cancer</i> , 2002 , 94, 1037-1048	6.4	64
115	Assignment of the human carnitine palmitoyltransferase II gene (CPT1) to chromosome 1p32. <i>Genomics</i> , 1994 , 24, 195-7	4.3	64
114	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
113	DNA damage in mammalian neural stem cells leads to astrocytic differentiation mediated by BMP2 signaling through JAK-STAT. <i>Stem Cell Reports</i> , 2013 , 1, 123-38	8	62
112	Limited efficacy of the HSV-TK/GCV system for gene therapy of malignant gliomas and perspectives for the combined transduction of the interleukin-4 gene. <i>Human Gene Therapy</i> , 1997 , 8, 1345-53	4.8	59
111	The neural progenitor-restricted isoform of the MARK4 gene in 19q13.2 is upregulated in human gliomas and overexpressed in a subset of glioblastoma cell lines. <i>Oncogene</i> , 2003 , 22, 2581-91	9.2	57
110	A role for the transcription factor HEY1 in glioblastoma. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 136-46	5.6	56
109	MET inhibition overcomes radiation resistance of glioblastoma stem-like cells. <i>EMBO Molecular Medicine</i> , 2016 , 8, 550-68	12	54
108	Survival effect of first- and second-line treatments for patients with primary glioblastoma: a cohort study from a prospective registry, 1997-2010. <i>Neuro-Oncology</i> , 2014 , 16, 719-27	1	53
107	Genetic alterations and in vivo tumorigenicity of neurospheres derived from an adult glioblastoma. <i>Molecular Cancer</i> , 2004 , 3, 25	42.1	53
106	Paracrine delivery of IL-12 against intracranial 9L gliosarcoma in rats. <i>Journal of Neurosurgery</i> , 2000 , 92, 419-27	3.2	53
105	AVAREG: a phase II, randomized, noncomparative study of fotemustine or bevacizumab for patients with recurrent glioblastoma. <i>Neuro-Oncology</i> , 2016 , 18, 1304-12	1	53
104	A regulatory circuit of miR-125b/miR-20b and Wnt signalling controls glioblastoma phenotypes through FZD6-modulated pathways. <i>Nature Communications</i> , 2016 , 7, 12885	17.4	51
103	B7-H3-redirected chimeric antigen receptor T cells target glioblastoma and neurospheres. <i>EBioMedicine</i> , 2019 , 47, 33-43	8.8	45
102	Expression of MATH1, a marker of cerebellar granule cell progenitors, identifies different medulloblastoma sub-types. <i>Neuroscience Letters</i> , 2004 , 370, 180-5	3.3	45
101	Increasing complexity of the karyotype in 50 human gliomas. Progressive evolution and de novo occurrence of cytogenetic alterations. <i>Cancer Genetics and Cytogenetics</i> , 1994 , 75, 77-89		45
100	MRI in Glioma Immunotherapy: Evidence, Pitfalls, and Perspectives. <i>Journal of Immunology Research</i> , 2017 , 2017, 5813951	4.5	42
99	The natural killer cell response and tumor debulking are associated with prolonged survival in recurrent glioblastoma patients receiving dendritic cells loaded with autologous tumor lysates. <i>OncolImmunology</i> , 2013 , 2, e23401	7.2	42

98	The therapeutic potential of neural stem/progenitor cells in murine globoid cell leukodystrophy is conditioned by macrophage/microglia activation. <i>Neurobiology of Disease</i> , 2006 , 21, 314-23	7.5	42
97	Reclassification of oligoastrocytomas by loss of heterozygosity studies. <i>International Journal of Cancer</i> , 2006 , 119, 84-90	7.5	39
96	cDNA cloning and mitochondrial import of the beta-subunit of the human electron-transfer flavoprotein. <i>FEBS Journal</i> , 1993 , 213, 1003-8		39
95	Purification and properties of carnitine acetyltransferase from human liver. <i>FEBS Journal</i> , 1990 , 189, 539-46		37
94	Immunotherapy with dendritic cells loaded with glioblastoma stem cells: from preclinical to clinical studies. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 101-9	7.4	35
93	Survival gain in glioblastoma patients treated with dendritic cell immunotherapy is associated with increased NK but not CD8 T cell activation in the presence of adjuvant temozolomide. <i>Oncotimmunology</i> , 2018 , 7, e1412901	7.2	34
92	Resetting cancer stem cell regulatory nodes upon MYC inhibition. <i>EMBO Reports</i> , 2016 , 17, 1872-1889	6.5	33
91	A critical role for regulatory T cells in driving cytokine profiles of Th17 cells and their modulation of glioma microenvironment. <i>Cancer Immunology, Immunotherapy</i> , 2011 , 60, 1739-50	7.4	33
90	Extraneural metastases in glioblastoma patients: two cases with YKL-40-positive glioblastomas and a meta-analysis of the literature. <i>Neurosurgical Review</i> , 2016 , 39, 37-45; discussion 45-6	3.9	32
89	EGFR amplified and overexpressing glioblastomas and association with better response to adjuvant metronomic temozolomide. <i>Journal of the National Cancer Institute</i> , 2015 , 107,	9.7	31
88	Salvage treatment for childhood ependymoma after surgery only: Pitfalls of omitting "at once" adjuvant treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 65, 1440-5	4	31
87	Genetic Evolution of Glioblastoma Stem-Like Cells From Primary to Recurrent Tumor. <i>Stem Cells</i> , 2017 , 35, 2218-2228	5.8	30
86	The Somatic Genomic Landscape of Glioblastoma. <i>Cell</i> , 2014 , 157, 753	56.2	29
85	Association of chromosome 10 losses and negative prognosis in oligoastrocytomas. <i>Annals of Neurology</i> , 2002 , 52, 842-5	9.4	29
84	ATIM-03. ACT IV: AN INTERNATIONAL, DOUBLE-BLIND, PHASE 3 TRIAL OF RINDOPEPIMUT IN NEWLY DIAGNOSED, EGFRVIII-EXPRESSING GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2016 , 18, vi17-vi18	1	29
83	Rai is a new regulator of neural progenitor migration and glioblastoma invasion. <i>Stem Cells</i> , 2012 , 30, 817-32	5.8	28
82	Intra-tumoral dendritic cells increase efficacy of peripheral vaccination by modulation of glioma microenvironment. <i>Neuro-Oncology</i> , 2010 , 12, 377-88	1	28
81	Reelin affects chain-migration and differentiation of neural precursor cells. <i>Molecular and Cellular Neurosciences</i> , 2009 , 42, 341-9	4.8	28

80	Expression of the neurogenic basic helix-loop-helix transcription factor NEUROG1 identifies a subgroup of medulloblastomas not expressing ATOH1. <i>Neuro-Oncology</i> , 2007 , 9, 298-307	1	28
79	Role of cytokines in cancer cachexia in a murine model of intracerebral injection of human tumours. <i>Cytokine</i> , 2001 , 15, 27-38	4	28
78	A Randomized Phase II Trial (TAMIGA) Evaluating the Efficacy and Safety of Continuous Bevacizumab Through Multiple Lines of Treatment for Recurrent Glioblastoma. <i>Oncologist</i> , 2019 , 24, 521-528	5.7	28
77	KLF6 is not the major target of chromosome 10p losses in glioblastomas. <i>International Journal of Cancer</i> , 2004 , 111, 640-1	7.5	27
76	An optimized method for manufacturing a clinical scale dendritic cell-based vaccine for the treatment of glioblastoma. <i>PLoS ONE</i> , 2012 , 7, e52301	3.7	27
75	VEGFA SNP rs2010963 is associated with vascular toxicity in recurrent glioblastomas and longer response to bevacizumab. <i>Journal of Neuro-Oncology</i> , 2015 , 121, 499-504	4.8	26
74	Immunotherapy for glioma: getting closer to the clinical arena?. <i>Current Opinion in Neurology</i> , 2011 , 24, 641-7	7.1	26
73	Retroviral-mediated transfer of the galactocerebrosidase gene in neural progenitor cells. <i>NeuroReport</i> , 1998 , 9, 3823-7	1.7	24
72	Different simian virus 40 genomic regions and sequences homologous with SV40 large T antigen in DNA of human brain and bone tumors and of leukocytes from blood donors. <i>Cancer</i> , 2002 , 94, 1037-48	6.4	24
71	Radiosurgery reirradiation for high-grade glioma recurrence: a retrospective analysis. <i>Neurological Sciences</i> , 2015 , 36, 1431-40	3.5	23
70	Perspectives for immunotherapy in glioblastoma treatment. <i>Current Opinion in Oncology</i> , 2014 , 26, 608-142	14.2	23
69	FABP4 is a candidate marker of cerebellar liponeurocytomas. <i>Journal of Neuro-Oncology</i> , 2012 , 108, 513-28	2.8	23
68	Instability of mitochondrial DNA and MRI and clinical correlations in malignant gliomas. <i>Journal of Neuro-Oncology</i> , 2005 , 74, 87-9	4.8	23
67	126 novel mutations in Italian patients with neurofibromatosis type 1. <i>Molecular Genetics & Genomic Medicine</i> , 2015 , 3, 513-25	2.3	22
66	Brain cancer immunoediting: novel examples provided by immunotherapy of malignant gliomas. <i>Expert Review of Anticancer Therapy</i> , 2011 , 11, 1759-74	3.5	22
65	Prognostic value of CD109+ circulating endothelial cells in recurrent glioblastomas treated with bevacizumab and irinotecan. <i>PLoS ONE</i> , 2013 , 8, e74345	3.7	21
64	Expression studies in gliomas and glial cells do not support a tumor suppressor role for LGI1. <i>Neuro-Oncology</i> , 2006 , 8, 96-108	1	21
63	Redefinition of the coding sequence of the MXI1 gene and identification of a polymorphic repeat in the 3' non-coding region that allows the detection of loss of heterozygosity of chromosome 10q25 in glioblastomas. <i>Human Genetics</i> , 1995 , 95, 709-11	6.3	20

62	DNA microarray analysis identifies CKS2 and LEPR as potential markers of meningioma recurrence. <i>Oncologist</i> , 2011 , 16, 1440-50	5.7	19
61	Brain engraftment and therapeutic potential of stem/progenitor cells derived from mouse skin. <i>Journal of Gene Medicine</i> , 2006 , 8, 506-13	3.5	19
60	Molecular cloning of cDNAs encoding human carnitine acetyltransferase and mapping of the corresponding gene to chromosome 9q34.1. <i>Genomics</i> , 1994 , 23, 94-9	4.3	19
59	Accuracy of 2-hydroxyglutarate quantification by short-echo proton-MRS at 3 T: a phantom study. <i>Physica Medica</i> , 2014 , 30, 702-7	2.7	18
58	FOXP3, a novel glioblastoma oncosuppressor, affects proliferation and migration. <i>Oncotarget</i> , 2012 , 3, 1146-57	3.3	18
57	The multidrug-resistance transporter Abcc3 protects NK cells from chemotherapy in a murine model of malignant glioma. <i>Oncolmmunology</i> , 2016 , 5, e1108513	7.2	17
56	Absence of mutations and identification of two polymorphisms in the SSCP and sequence analysis of p21CKI gene in malignant gliomas. <i>International Journal of Cancer</i> , 1995 , 62, 115-7	7.5	17
55	Dendritic cell vaccines for cancer stem cells. <i>Methods in Molecular Biology</i> , 2009 , 568, 233-47	1.4	17
54	Human glioblastoma stem-like cells accumulate protoporphyrin IX when subjected to exogenous 5-aminolaevulinic acid, rendering them sensitive to photodynamic treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016 , 163, 203-10	6.7	17
53	Immunotherapy against the radial glia marker GLAST effectively triggers specific antitumor effectors without autoimmunity. <i>Oncolmmunology</i> , 2012 , 1, 884-893	7.2	16
52	Radiation-induced glioblastoma in a medulloblastoma patient: a case report with molecular features. <i>Neuropathology</i> , 2008 , 28, 633-9	2	16
51	Safe and Reproducible Preparation of Functional Dendritic Cells for Immunotherapy in Glioblastoma Patients. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 1164-72	6.9	14
50	Parametric response maps of perfusion MRI may identify recurrent glioblastomas responsive to bevacizumab and irinotecan. <i>PLoS ONE</i> , 2014 , 9, e90535	3.7	14
49	A subpopulation of circulating endothelial cells express CD109 and is enriched in the blood of cancer patients. <i>PLoS ONE</i> , 2014 , 9, e114713	3.7	13
48	Altered function of the glutamate-aspartate transporter GLAST, a potential therapeutic target in glioblastoma. <i>International Journal of Cancer</i> , 2019 , 144, 2539-2554	7.5	13
47	TLRgeting Evasion of Immune Pathways in Glioblastoma. <i>Cell Stem Cell</i> , 2017 , 20, 422-424	18	12
46	Loss of heterozygosity studies in extracranial metastatic meningiomas. <i>Journal of Neuro-Oncology</i> , 2007 , 85, 81-5	4.8	12
45	Genetic signature of adult gliomas and correlation with MRI features. <i>Expert Review of Molecular Diagnostics</i> , 2009 , 9, 709-20	3.8	11

44	Identification of 5Pregulatory regions of the human carnitine palmitoyltransferase II gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1994 , 1219, 237-40		11
43	p53 mutations and microsatellite analysis of loss of heterozygosity in malignant gliomas. <i>Cancer Genetics and Cytogenetics</i> , 1994 , 74, 139-43		11
42	Expression profile of frizzled receptors in human medulloblastomas. <i>Journal of Neuro-Oncology</i> , 2012 , 106, 271-80	4.8	10
41	Frequency of NFKBIA deletions is low in glioblastomas and skewed in glioblastoma neurospheres. <i>Molecular Cancer</i> , 2013 , 12, 160	42.1	10
40	Identification and characterization of a new source of adult human neural progenitors. <i>Cell Death and Disease</i> , 2017 , 8, e2991	9.8	9
39	Assignment of the gene encoding the beta-subunit of the electron-transfer flavoprotein (ETFB) to human chromosome 19q13.3. <i>Genomics</i> , 1994 , 19, 177-9	4.3	9
38	Isolation and sub-chromosomal localization of a DNA fragment of the human choline acetyltransferase gene. <i>Neuroscience Letters</i> , 1991 , 132, 191-4	3.3	9
37	Early tumour shrinkage as a survival predictor in patients with recurrent glioblastoma treated with bevacizumab in the AVAREG randomized phase II study. <i>Oncotarget</i> , 2017 , 8, 55575-55581	3.3	9
36	ABCC3 Expressed by CD56 CD16 NK Cells Predicts Response in Glioblastoma Patients Treated with Combined Chemotherapy and Dendritic Cell Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	9
35	Risk of Optic Pathway Glioma in Neurofibromatosis Type 1: No Evidence of Genotype-Phenotype Correlations in A Large Independent Cohort. <i>Cancers</i> , 2019 , 11,	6.6	9
34	Fibronectin-adherent peripheral blood derived mononuclear cells as Paclitaxel carriers for glioblastoma treatment: An in vitro study. <i>Cytotherapy</i> , 2017 , 19, 721-734	4.8	8
33	Expansion of effector and memory T cells is associated with increased survival in recurrent glioblastomas treated with dendritic cell immunotherapy. <i>Neuro-Oncology Advances</i> , 2019 , 1, vdz022	0.9	8
32	Operability of glioblastomas: "sins of action" versus "sins of non-action". <i>Neurological Sciences</i> , 2013 , 34, 2107-16	3.5	8
31	Localization of the human gene for carnitine palmitoyltransferase to 1p13-p11 by nonradioactive in situ hybridization. <i>Genomics</i> , 1992 , 13, 1372-4	4.3	8
30	High tumor mutational burden and T-cell activation are associated with long-term response to anti-PD1 therapy in Lynch syndrome recurrent glioblastoma patient. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 831-842	7.4	8
29	Novel mechanisms and approaches in immunotherapy for brain tumors. <i>Discovery Medicine</i> , 2015 , 20, 7-15	2.5	8
28	Phase 3 Trial of Chemoradiotherapy With Temozolomide Plus Nivolumab or Placebo for Newly Diagnosed Glioblastoma With Methylated MGMT Promoter.. <i>Neuro-Oncology</i> , 2022 ,	1	8
27	Ultrasonic Surgical Aspirate is a Reliable Source For Culturing Glioblastoma Stem Cells. <i>Scientific Reports</i> , 2016 , 6, 32788	4.9	7

26	Principles of immunotherapy. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2016 , 134, 163-81	3	7
25	In vivo 2-hydroxyglutarate-proton magnetic resonance spectroscopy (3 T, PRESS technique) in treatment-naïve suspect lower-grade gliomas: feasibility and accuracy in a clinical setting. <i>Neurological Sciences</i> , 2020 , 41, 347-355	3.5	7
24	Advanced MRI Assessment during Dendritic Cell Immunotherapy Added to Standard Treatment Against Glioblastoma. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	7
23	Modifications to the Framework Regions Eliminate Chimeric Antigen Receptor Tonic Signaling. <i>Cancer Immunology Research</i> , 2021 , 9, 441-453	12.5	7
22	IL-4 gene transfer for the treatment of experimental gliomas. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 451, 315-21	3.6	6
21	A recurrent 19q11-12 breakpoint suggested by cytogenetic and fluorescence in situ hybridization analysis of three glioblastoma cell lines. <i>Cancer Genetics and Cytogenetics</i> , 1999 , 110, 82-6		5
20	Substrate stereochemistry of isovaleryl-CoA dehydrogenase. <i>Bioorganic Chemistry</i> , 1986 , 14, 170-175	5.1	5
19	Allergic Signs in Glioma Pathology: Current Knowledge and Future Perspectives. <i>Cancers</i> , 2019 , 11,	6.6	4
18	NG2/CSPG4 in glioblastoma: about flexibility. <i>Neuro-Oncology</i> , 2019 , 21, 697-698	1	4
17	Go, no-go decision making for phase 3 clinical trials: ACT IV revisited - AuthorsPreply. <i>Lancet Oncology, The</i> , 2017 , 18, e709-e710	21.7	4
16	Gene therapy of glioblastomas: from suicide to homicide. <i>Progress in Brain Research</i> , 2001 , 132, 711-9	2.9	4
15	Neurological malignancies in neurofibromatosis type 1. <i>Current Opinion in Oncology</i> , 2019 , 31, 554-561	4.2	4
14	Diffuse glioblastoma resembling acute hemorrhagic leukoencephalitis. <i>Quantitative Imaging in Medicine and Surgery</i> , 2017 , 7, 592-597	3.6	3
13	Identification of PTEN-related sequences in glioma cells and in non-neoplastic cell lines. <i>Cancer Letters</i> , 1999 , 138, 1-4	9.9	3
12	PGE Is Crucial for the Generation of FAST Whole- Tumor-Antigens Loaded Dendritic Cells Suitable for Immunotherapy in Glioblastoma. <i>Pharmaceutics</i> , 2020 , 12,	6.4	2
11	Gene transfer of suicide genes for the treatment of malignant gliomas: efficacy, limitations, and perspectives for a combined immunotherapy. <i>Acta Neurochirurgica Supplementum</i> , 1997 , 68, 100-4	1.7	2
10	ERBB3 overexpression due to miR-205 inactivation confers sensitivity to FGF, metabolic activation, and liability to ERBB3 targeting in glioblastoma. <i>Cell Reports</i> , 2021 , 36, 109455	10.6	2
9	Simultaneous Detection of , , , and Gene Mutations by Targeted NGS in an Italian Cohort of Suspected NF1 Patients. <i>Genes</i> , 2020 , 11,	4.2	1

8	Central nervous system lymphoma occurring in a patient with neurofibromatosis type 1 (von Recklinghausen disease). <i>Neurological Sciences</i> , 2012 , 33, 1429-33	3.5	1
7	The potential of stem cells for the treatment of brain tumors and globoid cell leukodystrophy. <i>Cytotechnology</i> , 2003 , 41, 93-101	2.2	1
6	Substrate stereochemistry of 2-methyl-branched-chain acyl-CoA dehydrogenase: elimination of one hydrogen each from (pro-2S)-methyl and alpha-methine of isobutyryl-CoA. <i>BBA - Proteins and Proteomics</i> , 1986 , 873, 308-11		1
5	Association of increased progression-free survival in primary glioblastomas with lymphopenia at baseline and activation of NK and NKT cells after dendritic cell immunotherapy.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 2087-2087	2.2	1
4	Actinomycin D: a new opening for an old drug. <i>Neuro-Oncology</i> , 2020 , 22, 1235-1236	1	1
3	Milan 2020: COVID-19, neuro-oncology and much more. <i>Journal of Neuro-Oncology</i> , 2020 , 148, 201-202	4.8	1
2	A Long-Term Extension Study of Bevacizumab in Patients With Solid Tumors. <i>Oncologist</i> , 2021 , 26, e2254-e2264	5.7	1
1	Principi di terapia genica 2009 , 593-606		