## Francesco DiMeco

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Extracellular vesicles: The key for precision medicine in glioblastoma. Neuro-Oncology, 2022, 24, 184-196.	1.2	22
2	Cranial sonolucent prosthesis: a window of opportunity for neuro-oncology (and neuro-surgery). Journal of Neuro-Oncology, 2022, 156, 529-540.	2.9	8
3	Ultrasounds induce blood–brain barrier opening across a sonolucent polyolefin plate in an in vitro isolated brain preparation. Scientific Reports, 2022, 12, 2906.	3.3	7
4	Growth factor independence underpins a paroxysmal, aggressive Wnt5aHigh/EphA2Low phenotype in glioblastoma stem cells, conducive to experimental combinatorial therapy. Journal of Experimental and Clinical Cancer Research, 2022, 41, 139.	8.6	4
5	Multiparametric Intraoperative Ultrasound in Oncological Neurosurgery: A Pictorial Essay. Frontiers in Neuroscience, 2022, 16, 881661.	2.8	9
6	Informed consent through 3D virtual reality: a randomized clinical trial. Acta Neurochirurgica, 2021, 163, 301-308.	1.7	33
7	Peri-operative prognostic factors for primary skull base chordomas: results from a single-center cohort Acta Neurochirurgica, 2021, 163, 689-697.	1.7	7
8	Contrast-Enhanced Ultrasound Assisted Surgery of Intramedullary Spinal Cord Tumors: Analysis of Technical Benefits and Intra-operative Microbubble Distribution Characteristics. Ultrasound in Medicine and Biology, 2021, 47, 398-407.	1.5	6
9	Sonodynamic Therapy for the Treatment of Intracranial Gliomas. Journal of Clinical Medicine, 2021, 10, 1101.	2.4	14
10	Proposed definition of competencies for surgical neuro-oncology training. Journal of Neuro-Oncology, 2021, 153, 121-131.	2.9	6
11	Reactivation of COVID-19 in a neurosurgical patient with early neuropsychiatric presentation. Does seroconversion mean immunity?. , 2021, 12, 166.		2
12	Loss of H3K27me3 in meningiomas. Neuro-Oncology, 2021, 23, 1282-1291.	1.2	45
13	A phase I-IIa study of genetically modified Tie-2 expressing monocytes in patients with glioblastoma multiforme (TEM-GBM Study) Journal of Clinical Oncology, 2021, 39, 2532-2532.	1.6	8
14	In Silico Mathematical Modelling for Glioblastoma: A Critical Review and a Patient-Specific Case. Journal of Clinical Medicine, 2021, 10, 2169.	2.4	19
15	Quantitative analysis of in-vivo microbubble distribution in the human brain. Scientific Reports, 2021, 11, 11797.	3.3	13
16	Radiation and Adjuvant Drug-Loaded Liposomes target Glioblastoma Stem Cells and Trigger <i>In-situ</i> Immune Response. Neuro-Oncology Advances, 2021, 3, vdab076.	0.7	9
17	Intracranial Sonodynamic Therapy With 5-Aminolevulinic Acid and Sodium Fluorescein: Safety Study in a Porcine Model. Frontiers in Oncology, 2021, 11, 679989.	2.8	11
18	Robot assisted laser-interstitial thermal therapy with iSYS1 and Visualase: how I do it. Acta Neurochirurgica, 2021, 163, 3465-3471.	1.7	4

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19	How to Perform Intra-Operative Contrast-Enhanced Ultrasound of the Brain—A WFUMB Position Paper. Ultrasound in Medicine and Biology, 2021, 47, 2006-2016.	1.5	5
20	Resection of primary central nervous system lymphoma: impact of patient selection on overall survival. Journal of Neurosurgery, 2021, 135, 1016-1025.	1.6	19
21	The "STARS–CT-MADE―Study: Advanced Rehearsal and Intraoperative Navigation for Skull Base Tumors. World Neurosurgery, 2021, 154, e19-e28.	1.3	4
22	The "STARS-CASCADE―Study: Virtual Reality Simulation as a New Training Approach in Vascular Neurosurgery. World Neurosurgery, 2021, 154, e130-e146.	1.3	14
23	Mechano-Biological Features in a Patient-Specific Computational Model of Glioblastoma. Neuromethods, 2021, , 265-287.	0.3	1
24	Editorial: Intraoperative Ultrasound in Brain Tumor Surgery: State-Of-The-Art and Future Perspectives. Frontiers in Oncology, 2021, 11, 780517.	2.8	1
25	Intraoperative Contrast-Enhanced Ultrasound in the Pediatric Neurosurgical Patient. , 2021, , 225-244.		0
26	From Focused Ultrasound Tumor Ablation to Brain Blood Barrier Opening for High Grade Glioma: A Systematic Review. Cancers, 2021, 13, 5614.	3.7	8
27	Navigated Intraoperative 2-Dimensional Ultrasound in High-Grade Glioma Surgery: Impact on Extent of Resection and Patient Outcome. Operative Neurosurgery, 2020, 18, 363-373.	0.8	33
28	In vivo 2-hydroxyglutarate-proton magnetic resonance spectroscopy (3 T, PRESS technique) in treatment-naÃ <sup>-</sup> ve suspect lower-grade gliomas: feasibility and accuracy in a clinical setting. Neurological Sciences, 2020, 41, 347-355.	1.9	12
29	Advanced intraoperative ultrasound (ioUS) techniques in focal cortical dysplasia (FCD) surgery: A preliminary experience on a case series. Clinical Neurology and Neurosurgery, 2020, 198, 106188.	1.4	11
30	Falcine meningiomas. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 170, 101-106.	1.8	3
31	CTIM-24. AUTOLOGOUS CD34+ ENRICHED HEMATOPOIETIC PROGENITOR CELLS GENETICALLY MODIFIED FOR HUMAN INTERFERON-α2, ARE WELL TOLERATED & RAPIDLY ENGRAFT IN PATIENTS WITH GLIOBLASTOMA MULTIFORME (TEM-GBM_001 STUDY). Neuro-Oncology, 2020, 22, ii38-ii38.	1.2	1
32	Ex Vivo Fluorescein-Assisted Confocal Laser Endomicroscopy (CONVIVO® System) in Patients With Glioblastoma: Results From a Prospective Study. Frontiers in Oncology, 2020, 10, 606574.	2.8	26
33	Gliomatosis cerebri (GC) or GC-like? A picture to be reconsidered in neuro-oncology based on large retrospective analysis of GC series. Neurological Sciences, 2020, 41, 2111-2120.	1.9	2
34	EANS Basic Brain Course (ABC): combining simulation to cadaver lab for a new concept of neurosurgical training. Acta Neurochirurgica, 2020, 162, 453-460.	1.7	11
35	May we deliver neuro-oncology in difficult times (e.g. COVID-19)?. Journal of Neuro-Oncology, 2020, 148, 203-205.	2.9	23
36	Virtual biopsy using MRI radiomics for prediction of BRAF status in melanoma brain metastasis. Scientific Reports, 2020, 10, 6623.	3.3	29

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37	Characteristics of Patients Returning to Work After Brain Tumor Surgery. Frontiers in Human Neuroscience, 2020, 14, 609080.	2.0	7
38	In vitro and in vivo characterization of a cranial window prosthesis for diagnostic and therapeutic cerebral ultrasound. Journal of Neurosurgery, 2020, , 1-13.	1.6	12
39	Editorial. Neurosurgery in the storm of COVID-19: suggestions from the Lombardy region, Italy (ex) Tj ETQq1 1 0	.784314 r 1.6	gBT /Overlac
40	Conservative treatment for bilateral subdural hematomas. Journal of Neurosurgical Sciences, 2020, 64, 124-125.	0.6	0
41	SURG-30. SURGICAL RESECTION OF PRIMARY CENTRAL NERVOUS SYSTEM LYMPHOMA: IMPACT OF PATIENT SELECTION ON OVERALL SURVIVAL. Neuro-Oncology, 2020, 22, ii209-ii210.	1.2	Ο
42	NCOG-55. HARMONIZING LANGUAGE TO MAXIMIZE IMPACT: AN UPDATE ON COMMON DATA ELEMENTS FOR MENINGIOMA AND REVIEW OF CLINICAL TRIALS IN MENINGIOMA. Neuro-Oncology, 2020, 22, ii141-ii142.	1.2	0
43	Brain Cystic Metastases in a Patient with Advanced Atypical Lung Carcinoid. , 2020, , 1-5.		0
44	Brain Tectal Tumors: A Flexible Approach. Operative Neurosurgery, 2019, 16, E95-E100.	0.8	1
45	Expansion of effector and memory T cells is associated with increased survival in recurrent glioblastomas treated with dendritic cell immunotherapy. Neuro-Oncology Advances, 2019, 1, vdz022.	0.7	16
46	In Vivo Biodistribution of Engineered Lipid Microbubbles in Rodents. ACS Omega, 2019, 4, 13371-13381.	3.5	8
47	Ablative brain surgery: an overview. International Journal of Hyperthermia, 2019, 36, 64-80.	2.5	49
48	Image-Guided Biopsy of Intracranial Lesions with a Small Robotic Device (iSYS1): A Prospective, Exploratory Pilot Study. Operative Neurosurgery, 2019, 17, 403-412.	0.8	15
49	Advances in multidisciplinary therapy for meningiomas. Neuro-Oncology, 2019, 21, i18-i31.	1.2	102
50	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. Neuro-Oncology, 2019, 21, 901-910.	1.2	184
51	Letter to the Editor Regarding "The Diagnostic Properties of Intraoperative Ultrasound in Glioma Surgery and Factors Associated with Gross Total Tumor Resection― World Neurosurgery, 2019, 125, 553-554.	1.3	1
52	Intraoperative ultrasonography (ioUS) characteristics of focal cortical dysplasia (FCD) type II b. Seizure: the Journal of the British Epilepsy Association, 2019, 69, 80-86.	2.0	11
53	In Vivo Toxicity Study of Engineered Lipid Microbubbles in Rodents. ACS Omega, 2019, 4, 5526-5533.	3.5	13
54	Indocyanine Green and Contrast-Enhanced Ultrasound Videoangiography: A Synergistic Approach for Real-Time Verification of Distal Revascularization and Aneurysm Occlusion in a Complex Distal Middle Cerebral Artery Aneurysm. World Neurosurgery, 2019, 125, 277-284.	1.3	17

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55	5-ALA Fluorescence in Case of Brain Abscess by Aggregatibacter Mimicking Glioblastoma. World Neurosurgery, 2019, 125, 175-178.	1.3	8
56	MNGI-07. TRIMETHYLATED H3K27 AND EZH2 EXPRESSION IN MENINGIOMA: CORRELATION WITH TENDENCY TO RECUR. Neuro-Oncology, 2019, 21, vi140-vi140.	1.2	0
57	EPID-31. EFFICIENT STUDY OF SURGICALLY TREATED MENINGIOMA THROUGH CLINICAL DATA STANDARDIZATION. Neuro-Oncology, 2019, 21, vi81-vi81.	1.2	0
58	ATIM-36. TEM-GBM-001 STUDY: AUTOLOGOUS CD34+ ENRICHED HEMATOPOIETIC PROGENITOR CELLS GENETICALLY MODIFIED FOR HUMAN INTERFERON-α2 & ADMINISTERED TO PATIENTS WITH GLIOBLASTOMA & AN UNMETHYLATED MGMT PROMOTER. Neuro-Oncology, 2019, 21, vi9-vi9.	1.2	0
59	Applications of Focused Ultrasound in Cerebrovascular Diseases and Brain Tumors. Neurotherapeutics, 2019, 16, 67-87.	4.4	40
60	Life after surgical resection of a meningioma: a prospective cross-sectional study evaluating health-related quality of life. Neuro-Oncology, 2019, 21, i32-i43.	1.2	56
61	Intraoperative Strain Elastosonography in Brain Tumor Surgery. Operative Neurosurgery, 2019, 17, 227-236.	0.8	48
62	Piezosurgery for Infra- and Supratentorial Craniotomies in Brain Tumor Surgery. World Neurosurgery, 2019, 122, e1398-e1404.	1.3	10
63	The molecular landscape of glioma in patients with Neurofibromatosis 1. Nature Medicine, 2019, 25, 176-187.	30.7	145
64	Clinical Significance of Extracellular Vesicles in Plasma from Glioblastoma Patients. Clinical Cancer Research, 2019, 25, 266-276.	7.0	177
65	Constitutive and TNFα-inducible expression of chondroitin sulfate proteoglycan 4 in glioblastoma and neurospheres: Implications for CAR-T cell therapy. Science Translational Medicine, 2018, 10, .	12.4	96
66	A Pan-Cancer Analysis of Enhancer Expression in Nearly 9000 Patient Samples. Cell, 2018, 173, 386-399.e12.	28.9	228
67	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. Cell Reports, 2018, 23, 282-296.e4.	6.4	333
68	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. Cell Reports, 2018, 23, 227-238.e3.	6.4	407
69	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. Cell Reports, 2018, 23, 194-212.e6.	6.4	245
70	Pan-Cancer Analysis of IncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. Cell Reports, 2018, 23, 297-312.e12.	6.4	205
71	Pan-cancer Alterations of the MYC Oncogene and Its Proximal Network across the Cancer Genome Atlas. Cell Systems, 2018, 6, 282-300.e2.	6.2	284
72	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. Cancer Cell, 2018, 33, 676-689.e3.	16.8	750

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73	Piezoelectric Surgery for Dorsal Spine. World Neurosurgery, 2018, 114, 58-62.	1.3	15
74	USim: A New Device and App for Case-Specific, Intraoperative Ultrasound Simulation and Rehearsal in Neurosurgery. A Preliminary Study. Operative Neurosurgery, 2018, 14, 572-578.	0.8	17
75	Survival gain in glioblastoma patients treated with dendritic cell immunotherapy is associated with increased NK but not CD8 <sup>+</sup> T cell activation in the presence of adjuvant temozolomide. Oncolmmunology, 2018, 7, e1412901.	4.6	54
76	NIMC-02. STRAIN ELASTOGRAPHY: INTRA-OPERATIVE BRAIN TUMOUR CARACHTERIZATION. Neuro-Oncology, 2018, 20, vi176-vi176.	1.2	0
77	SURG-05. NAVIGATED INTRA-OPERATIVE 2-D ULTRASOUND VS STANDARD NEURONAVIGATION IN HIGH GRADE GLIOMA SURGERY. Neuro-Oncology, 2018, 20, vi251-vi251.	1.2	0
78	PATH-31. GIANT CELL GLIOBLASTOMAS: ANALYSIS OF MISMATCH-REPAIR (MMR) PROTEINS EXPRESSION, POLIMERASE Îμ (POLE) MUTATIONS AND THEIR ROLE IN TUMOR IMMUNORESPONSE. Neuro-Oncology, 2018, 20, vi165-vi165.	1.2	1
79	Advanced Ultrasound Imaging in Glioma Surgery: Beyond Gray-Scale B-mode. Frontiers in Oncology, 2018, 8, 576.	2.8	60
80	Filling the gap between the OR and virtual simulation: a European study on a basic neurosurgical procedure. Acta Neurochirurgica, 2018, 160, 2087-2097.	1.7	21
81	Letter to the editor: lung metastasis in WHO grade I meningioma. Neurological Sciences, 2018, 39, 1781-1783.	1.9	3
82	Contrast-enhanced ultrasound (CEUS) in spinal tumor surgery. Acta Neurochirurgica, 2018, 160, 1869-1871.	1.7	6
83	Dynamic assessment of venous anatomy and function in neurosurgery with real-time intraoperative multimodal ultrasound: technical note. Neurosurgical Focus, 2018, 45, E6.	2.3	25
84	Ultrasound guided mini-invasive tailored approach and intraoperative neurophysiological monitoring: a synergistic strategy for the removal of tumors near the motor cortex. A preliminary experience. Journal of Neurosurgical Sciences, 2018, 62, 255-264.	0.6	2
85	Spinal Dural Arteriovenous Fistula: Is There a Role for Intraoperative Contrast-Enhanced Ultrasound?. World Neurosurgery, 2017, 100, 712.e15-712.e18.	1.3	22
86	Pattern of care and outcome in elderly patients with glioblastoma: Data in 151 patients from 3 Lombardia Hospitals. Journal of the Neurological Sciences, 2017, 378, 3-8.	0.6	13
87	Contrast-enhanced MR Imaging versus Contrast-enhanced US: A Comparison in Glioblastoma Surgery by Using Intraoperative Fusion Imaging. Radiology, 2017, 285, 242-249.	7.3	50
88	Wnt5a Drives an Invasive Phenotype in Human Glioblastoma Stem-like Cells. Cancer Research, 2017, 77, 996-1007.	0.9	75
89	The semisitting position: analysis of the risks and surgical outcomes in a contemporary series of 425 adult patients undergoing cranial surgery. Journal of Neurosurgery, 2017, 127, 867-876.	1.6	31
90	Differentiating brain radionecrosis from tumour recurrence: a role for contrast-enhanced ultrasound?. Acta Neurochirurgica, 2017, 159, 2405-2408.	1.7	10

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91	Mutations targeting the coagulation pathway are enriched in brain metastases. Scientific Reports, 2017, 7, 6573.	3.3	10
92	Intramedullary cavernoma: A surgical resection technique. Neurochirurgie, 2017, 63, 426-429.	1.2	5
93	Effect of Tumor-Treating Fields Plus Maintenance Temozolomide vs Maintenance Temozolomide Alone on Survival in Patients With Glioblastoma. JAMA - Journal of the American Medical Association, 2017, 318, 2306.	7.4	1,619
94	Short Course Radiotherapy Concomitant with Temozolomide in GBM Patients: A Phase II Study. Tumori, 2017, 103, 457-463.	1.1	3
95	Motor evoked potentials and bis-guided anaesthesia in image-guided mini-invasive neurosurgery of supratentorial tumors nearby the cortico-spinal tract. Turkish Neurosurgery, 2017, 28, 341-348.	0.2	6
96	Identification of residual tumor with intraoperative contrast-enhanced ultrasound during glioblastoma resection. Neurosurgical Focus, 2016, 40, E7.	2.3	99
97	Chronic dorsal subdural haematoma: single aetiology for CNS superficial siderosis and myelopathy. Acta Neurochirurgica, 2016, 158, 1129-1131.	1.7	0
98	Neurosurgical tools to extend tumor resection in hemispheric low-grade gliomas: conventional and contrast enhanced ultrasonography. Child's Nervous System, 2016, 32, 1907-1914.	1.1	20
99	Laser interstitial thermal therapy followed by minimal-access transsulcal resection for the treatment of large and difficult to access brain tumors. Neurosurgical Focus, 2016, 41, E14.	2.3	44
100	Multisession Radiosurgery for Sellar and Parasellar Benign Meningiomas. Neurosurgery, 2016, 78, 638-646.	1.1	39
101	Intraoperative cerebral ultrasound for third ventricle colloid cyst removal: case report. Journal of Ultrasound, 2016, 19, 211-215.	1.3	4
102	Hand–tool–tissue interaction forces in neurosurgery for haptic rendering. Medical and Biological Engineering and Computing, 2016, 54, 1229-1241.	2.8	11
103	Contrast-Enhanced Ultrasound (CEUS) in Neurosurgery. , 2016, , 159-169.		1
104	Echographic Brain Semeiology and Topographic Anatomy According to Surgical Approaches. , 2016, , 29-39.		3
105	Tumor-initiating cell frequency is relevant for glioblastoma aggressiveness. Oncotarget, 2016, 7, 71491-71503.	1.8	11
106	Image guidance in skull base tumor resection: A synergistic approach using intraoperative navigated angiosonography for real-time vessel visualization. , 2016, 7, 82.		2
107	Intraoperative Navigated Angiosonography for Skull Base Tumor Surgery. Journal of Neurological Surgery, Part B: Skull Base, 2016, 77, .	0.8	0
108	From Grey Scale B-Mode to Elastosonography: Multimodal Ultrasound Imaging in Meningioma Surgery—Pictorial Essay and Literature Review. BioMed Research International, 2015, 2015, 1-13.	1.9	47

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109	In Reply. Neurosurgery, 2015, 76, E105-E106.	1.1	1
110	Polymeric Nanoparticles for Nonviral Gene Therapy Extend Brain Tumor Survival <i>in Vivo</i> . ACS Nano, 2015, 9, 1236-1249.	14.6	203
111	Health Literacy and Pseudoliteracy in Neurosurgery: the "C. Besta―Experience. World Neurosurgery, 2015, 84, 1541-1543.	1.3	3
112	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. New England Journal of Medicine, 2015, 372, 2481-2498.	27.0	2,582
113	Radiosurgery reirradiation for high-grade glioma recurrence: a retrospective analysis. Neurological Sciences, 2015, 36, 1431-1440.	1.9	31
114	Intraoperative cerebral angiosonography with ultrasound contrast agents: how I do it. Acta Neurochirurgica, 2015, 157, 1025-1029.	1.7	41
115	Discrete or diffuse intramedullary tumor? Contrast-enhanced intraoperative ultrasound in a case of intramedullary cervicothoracic hemangioblastomas mimicking a diffuse infiltrative glioma: technical note and case report. Neurosurgical Focus, 2015, 39, E17.	2.3	28
116	Intraoperative Navigated Angiosonography for Skull Base Tumor Surgery. World Neurosurgery, 2015, 84, 1699-1707.	1.3	39
117	Current and Future Novel Treatments for Glioblastoma Multiforme. BioMed Research International, 2014, 2014, 1-1.	1.9	1
118	Involvement of the CXCL12/CXCR4/CXCR7 Axis in Brain Metastases. , 2014, , 25-36.		1
119	Intraoperative Cerebral Glioma Characterization with Contrast Enhanced Ultrasound. BioMed Research International, 2014, 2014, 1-9.	1.9	71
120	Intraoperative Contrast-Enhanced Ultrasound for Brain Tumor Surgery. Neurosurgery, 2014, 74, 542-552.	1.1	163
121	Survival effect of first- and second-line treatments for patients with primary glioblastoma: a cohort study from a prospective registry, 1997-2010. Neuro-Oncology, 2014, 16, 719-727.	1.2	68
122	Fusion imaging for intra-operative ultrasound-based navigation in neurosurgery. Journal of Ultrasound, 2014, 17, 243-251.	1.3	60
123	Intraoperative ultrasound in spinal tumor surgery. Journal of Ultrasound, 2014, 17, 195-202.	1.3	33
124	ecancermedicalscience. Ecancermedicalscience, 2013, 7, 309.	1.1	1
125	The Somatic Genomic Landscape of Glioblastoma. Cell, 2013, 155, 462-477.	28.9	3,979
126	Craniotomy vs. craniectomy for posterior fossa tumors: a prospective study to evaluate complications after surgery. Acta Neurochirurgica, 2013, 155, 2281-2286.	1.7	38

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127	Risk of seizures during intraoperative electrocortical stimulation of brain motor areas: a retrospective study on 50 patients. Neurological Sciences, 2013, 34, 63-70.	1.9	19
128	Perioperative thromboprophylaxis in patients with craniotomy for brain tumours: a systematic review. Journal of Neuro-Oncology, 2013, 113, 293-303.	2.9	59
129	Practical assessment of preoperative functional mapping techniques: navigated transcranial magnetic stimulation and functional magnetic resonance imaging. Neurological Sciences, 2013, 34, 1551-1557.	1.9	24
130	Prospective study of carmustine wafers in combination with 6-month metronomic temozolomide and radiation therapy in newly diagnosed glioblastoma: preliminary results. Journal of Neurosurgery, 2013, 118, 821-829.	1.6	26
131	Podocalyxin-Like Protein Is Expressed in Glioblastoma Multiforme Stem-Like Cells and Is Associated with Poor Outcome. PLoS ONE, 2013, 8, e75945.	2.5	38
132	Chemotherapy for brain tumors with polymer drug delivery. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 104, 339-353.	1.8	9
133	CD90 is Identified as a Candidate Marker for Cancer Stem Cells in Primary High-Grade Gliomas Using Tissue Microarrays. Molecular and Cellular Proteomics, 2012, 11, M111.010744.	3.8	122
134	Application of an aviation model of incident reporting and investigation to the neurosurgical scenario: method and preliminary data. Neurosurgical Focus, 2012, 33, E7.	2.3	25
135	The EphA2 Receptor Drives Self-Renewal and Tumorigenicity in Stem-like Tumor-Propagating Cells from Human Glioblastomas. Cancer Cell, 2012, 22, 765-780.	16.8	179
136	Aphasia induced by gliomas growing in the ventrolateral frontal region: Assessment with diffusion MR tractography, functional MR imaging and neuropsychology. Cortex, 2012, 48, 255-272.	2.4	84
137	Decrease in circulating endothelial progenitor cells in treated glioma patients. Journal of Neuro-Oncology, 2012, 108, 123-129.	2.9	15
138	Spinal cord herniation: Management and outcome in a series of 12 consecutives patients and review of the literature. Acta Neurochirurgica, 2012, 154, 723-730.	1.7	33
139	Surgical Management of Low-Grade Gliomas. , 2012, , 111-126.		1
140	Glycoproteomic Analysis of Glioblastoma Stem Cell Differentiation. Journal of Proteome Research, 2011, 10, 330-338.	3.7	31
141	Expression of the new CXCL12 receptor, CXCR7, in gliomas. Cancer Biology and Therapy, 2011, 11, 242-253.	3.4	41
142	Endothelial Cells Create a Stem Cell Niche in Glioblastoma by Providing NOTCH Ligands That Nurture Self-Renewal of Cancer Stem-Like Cells. Cancer Research, 2011, 71, 6061-6072.	0.9	335
143	NOTCH Pathway Blockade Depletes CD133-Positive Glioblastoma Cells and Inhibits Growth of Tumor Neurospheres and Xenografts Â. Stem Cells, 2010, 28, 5-16.	3.2	553
144	Identification of Cell Surface Glycoprotein Markers for Glioblastoma-Derived Stem-Like Cells Using a Lectin Microarray and LCâ^'MS/MS Approach. Journal of Proteome Research, 2010, 9, 2565-2572.	3.7	71

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145	CXCL12, CXCR4 and CXCR7 expression in brain metastases. Cancer Biology and Therapy, 2009, 8, 1608-1614.	3.4	83
146	Cisplatinum and BCNU chemotherapy in primary glioblastoma patients. Journal of Neuro-Oncology, 2009, 94, 57-62.	2.9	25
147	Origins and clinical implications of the brain tumor stem cell hypothesis. Journal of Neuro-Oncology, 2009, 93, 49-60.	2.9	32
148	<i>DNER</i> , an Epigenetically Modulated Gene, Regulates Glioblastoma-Derived Neurosphere Cell Differentiation and Tumor Propagation. Stem Cells, 2009, 27, 1473-1486.	3.2	84
149	Treatment of recurrent glioblastoma: can local delivery of mitoxantrone improve survival?. Journal of Neuro-Oncology, 2008, 88, 105-113.	2.9	42
150	MUCINOUS LOW-GRADE ADENOCARCINOMA ARISING IN AN INTRACRANIAL ENTEROGENOUS CYST. Neurosurgery, 2008, 62, E972-E973.	1.1	27
151	Cyclopamine-Mediated Hedgehog Pathway Inhibition Depletes Stem-Like Cancer Cells in Glioblastoma. Stem Cells, 2007, 25, 2524-2533.	3.2	578
152	Lactacystin Exhibits Potent Anti-tumor Activity in an Animal Model of Malignant Glioma when Administered via Controlled-release Polymers. Journal of Neuro-Oncology, 2006, 77, 225-232.	2.9	20
153	Interstitial Docetaxel (Taxotere), Carmustine and Combined Interstitial Therapy: a Novel Treatment for Experimental Malignant Glioma. Journal of Neuro-Oncology, 2006, 80, 9-17.	2.9	31
154	Local Delivery of a Synthetic Endostatin Fragment for the Treatment of Experimental Gliomas. Neurosurgery, 2005, 57, 1032-1040.	1.1	23
155	Isolation and Characterization of Tumorigenic, Stem-like Neural Precursors from Human Glioblastoma. Cancer Research, 2004, 64, 7011-7021.	0.9	2,318
156	Meningiomas Invading the Superior Sagittal Sinus: Surgical Experience in 108 Cases. Neurosurgery, 2004, 55, 1263-1274.	1.1	131
157	Local delivery of antineoplastic agents using biodegradable polymers for the treatment of malignant brain tumors. Expert Review of Neurotherapeutics, 2003, 3, 533-546.	2.8	7
158	Immunotherapy and biological modifiers for the treatment of malignant brain tumors. Current Opinion in Oncology, 2003, 15, 204-208.	2.4	20
159	Local Immunotherapy with Interleukin-2 Delivered from Biodegradable Polymer Microspheres Combined with Interstitial Chemotherapy: A Novel Treatment for Experimental Malignant Glioma. Neurosurgery, 2003, 52, 872-880.	1.1	71
160	Shunt Migration into the Sphenoid Sinus: Case Reports. Neurosurgery, 2003, 53, 441-443.	1.1	2
161	Local delivery of mitoxantrone for the treatment of malignant brain tumors in rats. Journal of Neurosurgery, 2002, 97, 1173-1178.	1.6	54
162	New approach to tumor therapy for inoperable areas of the brain: chronic intraparenchymal drug delivery. Journal of Neuro-Oncology, 2002, 60, 151-158.	2.9	45

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163	Controlled local delivery of interleukin-2 by biodegradable polymers protects animals from experimental brain tumors and liver tumors. Pharmaceutical Research, 2001, 18, 899-906.	3.5	86
164	Combined Anterior Craniofacial Resection for Tumors Involving the Cribriform Plate: Early Postoperative Complications and Technical Considerations. Neurosurgery, 2000, 47, 1296-1305.	1.1	10
165	Paracrine delivery of IL-12 against intracranial 9L gliosarcoma in rats. Journal of Neurosurgery, 2000, 92, 419-427.	1.6	60
166	Combined Anterior Craniofacial Resection for Tumors Involving the Cribriform Plate: Early Postoperative Complications and Technical Considerations. Neurosurgery, 2000, 47, 1296-1305.	1.1	78
167	Gene therapy of experimental brain tumors using neural progenitor cells. Nature Medicine, 2000, 6, 447-450.	30.7	450
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