

# Francesco DiMeco

## List of Publications by Year in descending order

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Version: 2024-02-01

169  
papers

20,021  
citations

46918

47  
h-index

11581

135  
g-index

177  
all docs

177  
docs citations

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times ranked

27485  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Somatic Genomic Landscape of Glioblastoma. <i>Cell</i> , 2013, 155, 462-477.	13.5	3,979
2	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015, 372, 2481-2498.	13.9	2,582
3	Isolation and Characterization of Tumorigenic, Stem-like Neural Precursors from Human Glioblastoma. <i>Cancer Research</i> , 2004, 64, 7011-7021.	0.4	2,318
4	Effect of Tumor-Treating Fields Plus Maintenance Temozolomide vs Maintenance Temozolomide Alone on Survival in Patients With Glioblastoma. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 2306.	3.8	1,619
5	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. <i>Cancer Cell</i> , 2018, 33, 676-689.e3.	7.7	750
6	Cyclopamine-Mediated Hedgehog Pathway Inhibition Depletes Stem-Like Cancer Cells in Glioblastoma. <i>Stem Cells</i> , 2007, 25, 2524-2533.	1.4	578
7	NOTCH Pathway Blockade Depletes CD133-Positive Glioblastoma Cells and Inhibits Growth of Tumor Neurospheres and Xenografts. <i>Stem Cells</i> , 2010, 28, 5-16.	1.4	553
8	Gene therapy of experimental brain tumors using neural progenitor cells. <i>Nature Medicine</i> , 2000, 6, 447-450.	15.2	450
9	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. <i>Cell Reports</i> , 2018, 23, 227-238.e3.	2.9	407
10	Endothelial Cells Create a Stem Cell Niche in Glioblastoma by Providing NOTCH Ligands That Nurture Self-Renewal of Cancer Stem-Like Cells. <i>Cancer Research</i> , 2011, 71, 6061-6072.	0.4	335
11	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. <i>Cell Reports</i> , 2018, 23, 282-296.e4.	2.9	333
12	Pan-cancer Alterations of the MYC Oncogene and Its Proximal Network across the Cancer Genome Atlas. <i>Cell Systems</i> , 2018, 6, 282-300.e2.	2.9	284
13	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. <i>Cell Reports</i> , 2018, 23, 194-212.e6.	2.9	245
14	A Pan-Cancer Analysis of Enhancer Expression in Nearly 9000 Patient Samples. <i>Cell</i> , 2018, 173, 386-399.e12.	13.5	228
15	Pan-Cancer Analysis of lncRNA Regulation Supports Their Targeting of Cancer Genes in Each Tumor Context. <i>Cell Reports</i> , 2018, 23, 297-312.e12.	2.9	205
16	Polymeric Nanoparticles for Nonviral Gene Therapy Extend Brain Tumor Survival <i>in Vivo</i> . <i>ACS Nano</i> , 2015, 9, 1236-1249.	7.3	203
17	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. <i>Neuro-Oncology</i> , 2019, 21, 901-910.	0.6	184
18	The EphA2 Receptor Drives Self-Renewal and Tumorigenicity in Stem-like Tumor-Propagating Cells from Human Glioblastomas. <i>Cancer Cell</i> , 2012, 22, 765-780.	7.7	179

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19	Clinical Significance of Extracellular Vesicles in Plasma from Glioblastoma Patients. <i>Clinical Cancer Research</i> , 2019, 25, 266-276.	3.2	177
20	Intraoperative Contrast-Enhanced Ultrasound for Brain Tumor Surgery. <i>Neurosurgery</i> , 2014, 74, 542-552.	0.6	163
21	The molecular landscape of glioma in patients with Neurofibromatosis 1. <i>Nature Medicine</i> , 2019, 25, 176-187.	15.2	145
22	Meningiomas Invading the Superior Sagittal Sinus: Surgical Experience in 108 Cases. <i>Neurosurgery</i> , 2004, 55, 1263-1274.	0.6	131
23	CD90 is Identified as a Candidate Marker for Cancer Stem Cells in Primary High-Grade Gliomas Using Tissue Microarrays. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.010744.	2.5	122
24	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i18-i31.	0.6	102
25	Identification of residual tumor with intraoperative contrast-enhanced ultrasound during glioblastoma resection. <i>Neurosurgical Focus</i> , 2016, 40, E7.	1.0	99
26	Constitutive and TNF $\alpha$ -inducible expression of chondroitin sulfate proteoglycan 4 in glioblastoma and neurospheres: Implications for CAR-T cell therapy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	96
27	Controlled local delivery of interleukin-2 by biodegradable polymers protects animals from experimental brain tumors and liver tumors. <i>Pharmaceutical Research</i> , 2001, 18, 899-906.	1.7	86
28	DNER, an Epigenetically Modulated Gene, Regulates Glioblastoma-Derived Neurosphere Cell Differentiation and Tumor Propagation. <i>Stem Cells</i> , 2009, 27, 1473-1486.	1.4	84
29	Aphasia induced by gliomas growing in the ventrolateral frontal region: Assessment with diffusion MR tractography, functional MR imaging and neuropsychology. <i>Cortex</i> , 2012, 48, 255-272.	1.1	84
30	CXCL12, CXCR4 and CXCR7 expression in brain metastases. <i>Cancer Biology and Therapy</i> , 2009, 8, 1608-1614.	1.5	83
31	Combined Anterior Craniofacial Resection for Tumors Involving the Cribriform Plate: Early Postoperative Complications and Technical Considerations. <i>Neurosurgery</i> , 2000, 47, 1296-1305.	0.6	78
32	Wnt5a Drives an Invasive Phenotype in Human Glioblastoma Stem-like Cells. <i>Cancer Research</i> , 2017, 77, 996-1007.	0.4	75
33	Local Immunotherapy with Interleukin-2 Delivered from Biodegradable Polymer Microspheres Combined with Interstitial Chemotherapy: A Novel Treatment for Experimental Malignant Glioma. <i>Neurosurgery</i> , 2003, 52, 872-880.	0.6	71
34	Identification of Cell Surface Glycoprotein Markers for Glioblastoma-Derived Stem-Like Cells Using a Lectin Microarray and LC-MS/MS Approach. <i>Journal of Proteome Research</i> , 2010, 9, 2565-2572.	1.8	71
35	Intraoperative Cerebral Glioma Characterization with Contrast Enhanced Ultrasound. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	71
36	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, 1345-1353.	1.4	69

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37	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, 719-727.	0.6	68
38	Paracrine delivery of IL-12 against intracranial 9L gliosarcoma in rats. <i>Journal of Neurosurgery</i> , 2000, 92, 419-427.	0.9	60
39	Fusion imaging for intra-operative ultrasound-based navigation in neurosurgery. <i>Journal of Ultrasound</i> , 2014, 17, 243-251.	0.7	60
40	Advanced Ultrasound Imaging in Glioma Surgery: Beyond Gray-Scale B-mode. <i>Frontiers in Oncology</i> , 2018, 8, 576.	1.3	60
41	Perioperative thromboprophylaxis in patients with craniotomy for brain tumours: a systematic review. <i>Journal of Neuro-Oncology</i> , 2013, 113, 293-303.	1.4	59
42	Life after surgical resection of a meningioma: a prospective cross-sectional study evaluating health-related quality of life. <i>Neuro-Oncology</i> , 2019, 21, i32-i43.	0.6	56
43	Local delivery of mitoxantrone for the treatment of malignant brain tumors in rats. <i>Journal of Neurosurgery</i> , 2002, 97, 1173-1178.	0.9	54
44	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. <i>Oncolmmunology</i> , 2018, 7, e1412901.	2.1	54
45	Editorial. Neurosurgery in the storm of COVID-19: suggestions from the Lombardy region, Italy (ex Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	52
46	Contrast-enhanced MR Imaging versus Contrast-enhanced US: A Comparison in Glioblastoma Surgery by Using Intraoperative Fusion Imaging. <i>Radiology</i> , 2017, 285, 242-249.	3.6	50
47	Ablative brain surgery: an overview. <i>International Journal of Hyperthermia</i> , 2019, 36, 64-80.	1.1	49
48	Intraoperative Strain Elastasonography in Brain Tumor Surgery. <i>Operative Neurosurgery</i> , 2019, 17, 227-236.	0.4	48
49	From Grey Scale B-Mode to Elastasonography: Multimodal Ultrasound Imaging in Meningioma Surgeryâ€”Pictorial Essay and Literature Review. <i>BioMed Research International</i> , 2015, 2015, 1-13.	0.9	47
50	New approach to tumor therapy for inoperable areas of the brain: chronic intraparenchymal drug delivery. <i>Journal of Neuro-Oncology</i> , 2002, 60, 151-158.	1.4	45
51	Loss of H3K27me3 in meningiomas. <i>Neuro-Oncology</i> , 2021, 23, 1282-1291.	0.6	45
52	Laser interstitial thermal therapy followed by minimal-access transsulcal resection for the treatment of large and difficult to access brain tumors. <i>Neurosurgical Focus</i> , 2016, 41, E14.	1.0	44
53	Treatment of recurrent glioblastoma: can local delivery of mitoxantrone improve survival?. <i>Journal of Neuro-Oncology</i> , 2008, 88, 105-113.	1.4	42
54	Expression of the new CXCL12 receptor, CXCR7, in gliomas. <i>Cancer Biology and Therapy</i> , 2011, 11, 242-253.	1.5	41

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55	Intraoperative cerebral angiosonography with ultrasound contrast agents: how I do it. <i>Acta Neurochirurgica</i> , 2015, 157, 1025-1029.	0.9	41
56	Applications of Focused Ultrasound in Cerebrovascular Diseases and Brain Tumors. <i>Neurotherapeutics</i> , 2019, 16, 67-87.	2.1	40
57	Intraoperative Navigated Angiosonography for Skull Base Tumor Surgery. <i>World Neurosurgery</i> , 2015, 84, 1699-1707.	0.7	39
58	Multisession Radiosurgery for Sellar and Parasellar Benign Meningiomas. <i>Neurosurgery</i> , 2016, 78, 638-646.	0.6	39
59	Craniotomy vs. craniectomy for posterior fossa tumors: a prospective study to evaluate complications after surgery. <i>Acta Neurochirurgica</i> , 2013, 155, 2281-2286.	0.9	38
60	Podocalyxin-Like Protein Is Expressed in Glioblastoma Multiforme Stem-Like Cells and Is Associated with Poor Outcome. <i>PLoS ONE</i> , 2013, 8, e75945.	1.1	38
61	Spinal cord herniation: Management and outcome in a series of 12 consecutives patients and review of the literature. <i>Acta Neurochirurgica</i> , 2012, 154, 723-730.	0.9	33
62	Intraoperative ultrasound in spinal tumor surgery. <i>Journal of Ultrasound</i> , 2014, 17, 195-202.	0.7	33
63	Navigated Intraoperative 2-Dimensional Ultrasound in High-Grade Glioma Surgery: Impact on Extent of Resection and Patient Outcome. <i>Operative Neurosurgery</i> , 2020, 18, 363-373.	0.4	33
64	Informed consent through 3D virtual reality: a randomized clinical trial. <i>Acta Neurochirurgica</i> , 2021, 163, 301-308.	0.9	33
65	Origins and clinical implications of the brain tumor stem cell hypothesis. <i>Journal of Neuro-Oncology</i> , 2009, 93, 49-60.	1.4	32
66	Interstitial Docetaxel (Taxotere), Carmustine and Combined Interstitial Therapy: a Novel Treatment for Experimental Malignant Glioma. <i>Journal of Neuro-Oncology</i> , 2006, 80, 9-17.	1.4	31
67	Glycoproteomic Analysis of Glioblastoma Stem Cell Differentiation. <i>Journal of Proteome Research</i> , 2011, 10, 330-338.	1.8	31
68	Radiosurgery reirradiation for high-grade glioma recurrence: a retrospective analysis. <i>Neurological Sciences</i> , 2015, 36, 1431-1440.	0.9	31
69	The semisitting position: analysis of the risks and surgical outcomes in a contemporary series of 425 adult patients undergoing cranial surgery. <i>Journal of Neurosurgery</i> , 2017, 127, 867-876.	0.9	31
70	Virtual biopsy using MRI radiomics for prediction of BRAF status in melanoma brain metastasis. <i>Scientific Reports</i> , 2020, 10, 6623.	1.6	29
71	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. <i>Neurosurgical Focus</i> , 2015, 39, E17.	1.0	28
72	MUCINOUS LOW-GRADE ADENOCARCINOMA ARISING IN AN INTRACRANIAL ENTEROGENOUS CYST. <i>Neurosurgery</i> , 2008, 62, E972-E973.	0.6	27

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73	Prospective study of carmustine wafers in combination with 6-month metronomic temozolomide and radiation therapy in newly diagnosed glioblastoma: preliminary results. <i>Journal of Neurosurgery</i> , 2013, 118, 821-829.	0.9	26
74	Ex Vivo Fluorescein-Assisted Confocal Laser Endomicroscopy (CONVIVO® System) in Patients With Glioblastoma: Results From a Prospective Study. <i>Frontiers in Oncology</i> , 2020, 10, 606574.	1.3	26
75	Cisplatin and BCNU chemotherapy in primary glioblastoma patients. <i>Journal of Neuro-Oncology</i> , 2009, 94, 57-62.	1.4	25
76	Application of an aviation model of incident reporting and investigation to the neurosurgical scenario: method and preliminary data. <i>Neurosurgical Focus</i> , 2012, 33, E7.	1.0	25
77	Dynamic assessment of venous anatomy and function in neurosurgery with real-time intraoperative multimodal ultrasound: technical note. <i>Neurosurgical Focus</i> , 2018, 45, E6.	1.0	25
78	Practical assessment of preoperative functional mapping techniques: navigated transcranial magnetic stimulation and functional magnetic resonance imaging. <i>Neurological Sciences</i> , 2013, 34, 1551-1557.	0.9	24
79	Local Delivery of a Synthetic Endostatin Fragment for the Treatment of Experimental Gliomas. <i>Neurosurgery</i> , 2005, 57, 1032-1040.	0.6	23
80	May we deliver neuro-oncology in difficult times (e.g. COVID-19)?. <i>Journal of Neuro-Oncology</i> , 2020, 148, 203-205.	1.4	23
81	Synovitis, acne, pustulosis, hyperostosis, and osteitis syndrome presenting as a primary calvarial lesion. <i>Journal of Neurosurgery</i> , 2000, 93, 693-697.	0.9	22
82	Spinal Dural Arteriovenous Fistula: Is There a Role for Intraoperative Contrast-Enhanced Ultrasound?. <i>World Neurosurgery</i> , 2017, 100, 712.e15-712.e18.	0.7	22
83	Extracellular vesicles: The key for precision medicine in glioblastoma. <i>Neuro-Oncology</i> , 2022, 24, 184-196.	0.6	22
84	Filling the gap between the OR and virtual simulation: a European study on a basic neurosurgical procedure. <i>Acta Neurochirurgica</i> , 2018, 160, 2087-2097.	0.9	21
85	Immunotherapy and biological modifiers for the treatment of malignant brain tumors. <i>Current Opinion in Oncology</i> , 2003, 15, 204-208.	1.1	20
86	Lactacystin Exhibits Potent Anti-tumor Activity in an Animal Model of Malignant Glioma when Administered via Controlled-release Polymers. <i>Journal of Neuro-Oncology</i> , 2006, 77, 225-232.	1.4	20
87	Neurosurgical tools to extend tumor resection in hemispheric low-grade gliomas: conventional and contrast enhanced ultrasonography. <i>Child's Nervous System</i> , 2016, 32, 1907-1914.	0.6	20
88	Risk of seizures during intraoperative electrocortical stimulation of brain motor areas: a retrospective study on 50 patients. <i>Neurological Sciences</i> , 2013, 34, 63-70.	0.9	19
89	In Silico Mathematical Modelling for Glioblastoma: A Critical Review and a Patient-Specific Case. <i>Journal of Clinical Medicine</i> , 2021, 10, 2169.	1.0	19
90	Resection of primary central nervous system lymphoma: impact of patient selection on overall survival. <i>Journal of Neurosurgery</i> , 2021, 135, 1016-1025.	0.9	19

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91	USim: A New Device and App for Case-Specific, Intraoperative Ultrasound Simulation and Rehearsal in Neurosurgery. A Preliminary Study. <i>Operative Neurosurgery</i> , 2018, 14, 572-578.	0.4	17
92	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. <i>World Neurosurgery</i> , 2019, 125, 277-284.	0.7	17
93	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.	0.4	16
94	Decrease in circulating endothelial progenitor cells in treated glioma patients. <i>Journal of Neuro-Oncology</i> , 2012, 108, 123-129.	1.4	15
95	Piezoelectric Surgery for Dorsal Spine. <i>World Neurosurgery</i> , 2018, 114, 58-62.	0.7	15
96	Image-Guided Biopsy of Intracranial Lesions with a Small Robotic Device (iSYS1): A Prospective, Exploratory Pilot Study. <i>Operative Neurosurgery</i> , 2019, 17, 403-412.	0.4	15
97	Sonodynamic Therapy for the Treatment of Intracranial Gliomas. <i>Journal of Clinical Medicine</i> , 2021, 10, 1101.	1.0	14
98	The "STARS-CASCADE" Study: Virtual Reality Simulation as a New Training Approach in Vascular Neurosurgery. <i>World Neurosurgery</i> , 2021, 154, e130-e146.	0.7	14
99	Pattern of care and outcome in elderly patients with glioblastoma: Data in 151 patients from 3 Lombardia Hospitals. <i>Journal of the Neurological Sciences</i> , 2017, 378, 3-8.	0.3	13
100	In Vivo Toxicity Study of Engineered Lipid Microbubbles in Rodents. <i>ACS Omega</i> , 2019, 4, 5526-5533.	1.6	13
101	Quantitative analysis of in-vivo microbubble distribution in the human brain. <i>Scientific Reports</i> , 2021, 11, 11797.	1.6	13
102	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.	0.9	12
103	In vitro and in vivo characterization of a cranial window prosthesis for diagnostic and therapeutic cerebral ultrasound. <i>Journal of Neurosurgery</i> , 2020, , 1-13.	0.9	12
104	Hand-tissue interaction forces in neurosurgery for haptic rendering. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 1229-1241.	1.6	11
105	Intraoperative ultrasonography (ioUS) characteristics of focal cortical dysplasia (FCD) type II b. Seizure: the Journal of the British Epilepsy Association, 2019, 69, 80-86.	0.9	11
106	Advanced intraoperative ultrasound (ioUS) techniques in focal cortical dysplasia (FCD) surgery: A preliminary experience on a case series. <i>Clinical Neurology and Neurosurgery</i> , 2020, 198, 106188.	0.6	11
107	EANS Basic Brain Course (ABC): combining simulation to cadaver lab for a new concept of neurosurgical training. <i>Acta Neurochirurgica</i> , 2020, 162, 453-460.	0.9	11
108	Intracranial Sonodynamic Therapy With 5-Aminolevulinic Acid and Sodium Fluorescein: Safety Study in a Porcine Model. <i>Frontiers in Oncology</i> , 2021, 11, 679989.	1.3	11

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109	Tumor-initiating cell frequency is relevant for glioblastoma aggressiveness. <i>Oncotarget</i> , 2016, 7, 71491-71503.	0.8	11
110	Combined Anterior Craniofacial Resection for Tumors Involving the Cribriform Plate: Early Postoperative Complications and Technical Considerations. <i>Neurosurgery</i> , 2000, 47, 1296-1305.	0.6	10
111	Differentiating brain radionecrosis from tumour recurrence: a role for contrast-enhanced ultrasound?. <i>Acta Neurochirurgica</i> , 2017, 159, 2405-2408.	0.9	10
112	Mutations targeting the coagulation pathway are enriched in brain metastases. <i>Scientific Reports</i> , 2017, 7, 6573.	1.6	10
113	Piezosurgery for Infra- and Supratentorial Craniotomies in Brain Tumor Surgery. <i>World Neurosurgery</i> , 2019, 122, e1398-e1404.	0.7	10
114	Chemotherapy for brain tumors with polymer drug delivery. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 104, 339-353.	1.0	9
115	Radiation and Adjuvant Drug-Loaded Liposomes target Glioblastoma Stem Cells and Trigger <i>in-situ</i> Immune Response. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab076.	0.4	9
116	Multiparametric Intraoperative Ultrasound in Oncological Neurosurgery: A Pictorial Essay. <i>Frontiers in Neuroscience</i> , 2022, 16, 881661.	1.4	9
117	In Vivo Biodistribution of Engineered Lipid Microbubbles in Rodents. <i>ACS Omega</i> , 2019, 4, 13371-13381.	1.6	8
118	5-ALA Fluorescence in Case of Brain Abscess by <i>Aggregatibacter</i> Mimicking Glioblastoma. <i>World Neurosurgery</i> , 2019, 125, 175-178.	0.7	8
119	A phase I-IIa study of genetically modified Tie-2 expressing monocytes in patients with glioblastoma multiforme (TEM-GBM Study).. <i>Journal of Clinical Oncology</i> , 2021, 39, 2532-2532.	0.8	8
120	From Focused Ultrasound Tumor Ablation to Brain Blood Barrier Opening for High Grade Glioma: A Systematic Review. <i>Cancers</i> , 2021, 13, 5614.	1.7	8
121	Cranial sonolucent prosthesis: a window of opportunity for neuro-oncology (and neuro-surgery). <i>Journal of Neuro-Oncology</i> , 2022, 156, 529-540.	1.4	8
122	Local delivery of antineoplastic agents using biodegradable polymers for the treatment of malignant brain tumors. <i>Expert Review of Neurotherapeutics</i> , 2003, 3, 533-546.	1.4	7
123	Peri-operative prognostic factors for primary skull base chordomas: results from a single-center cohort.. <i>Acta Neurochirurgica</i> , 2021, 163, 689-697.	0.9	7
124	Characteristics of Patients Returning to Work After Brain Tumor Surgery. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 609080.	1.0	7
125	Ultrasounds induce blood-brain barrier opening across a sonolucent polyolefin plate in an in vitro isolated brain preparation. <i>Scientific Reports</i> , 2022, 12, 2906.	1.6	7
126	Contrast-enhanced ultrasound (CEUS) in spinal tumor surgery. <i>Acta Neurochirurgica</i> , 2018, 160, 1869-1871.	0.9	6



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127	Contrast-Enhanced Ultrasound Assisted Surgery of Intramedullary Spinal Cord Tumors: Analysis of Technical Benefits and Intra-operative Microbubble Distribution Characteristics. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 398-407.	0.7	6
128	Proposed definition of competencies for surgical neuro-oncology training. <i>Journal of Neuro-Oncology</i> , 2021, 153, 121-131.	1.4	6
129	Motor evoked potentials and bis-guided anaesthesia in image-guided mini-invasive neurosurgery of supratentorial tumors nearby the cortico-spinal tract. <i>Turkish Neurosurgery</i> , 2017, 28, 341-348.	0.1	6
130	Intramedullary cavernoma: A surgical resection technique. <i>Neurochirurgie</i> , 2017, 63, 426-429.	0.6	5
131	How to Perform Intra-Operative Contrast-Enhanced Ultrasound of the Brain – A WFUMB Position Paper. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2006-2016.	0.7	5
132	Intraoperative cerebral ultrasound for third ventricle colloid cyst removal: case report. <i>Journal of Ultrasound</i> , 2016, 19, 211-215.	0.7	4
133	Robot assisted laser-interstitial thermal therapy with iSYS1 and Visualase: how I do it. <i>Acta Neurochirurgica</i> , 2021, 163, 3465-3471.	0.9	4
134	The “STARS” CT-MADE Study: Advanced Rehearsal and Intraoperative Navigation for Skull Base Tumors. <i>World Neurosurgery</i> , 2021, 154, e19-e28.	0.7	4
135	Growth factor independence underpins a paroxysmal, aggressive Wnt5aHigh/EphA2Low phenotype in glioblastoma stem cells, conducive to experimental combinatorial therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 139.	3.5	4
136	Health Literacy and Pseudoliteracy in Neurosurgery: the “C. Besta” Experience. <i>World Neurosurgery</i> , 2015, 84, 1541-1543.	0.7	3
137	Short Course Radiotherapy Concomitant with Temozolomide in GBM Patients: A Phase II Study. <i>Tumori</i> , 2017, 103, 457-463.	0.6	3
138	Letter to the editor: lung metastasis in WHO grade I meningioma. <i>Neurological Sciences</i> , 2018, 39, 1781-1783.	0.9	3
139	Falcine meningiomas. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2020, 170, 101-106.	1.0	3
140	Echographic Brain Semeiology and Topographic Anatomy According to Surgical Approaches. , 2016, , 29-39.		3
141	Shunt Migration into the Sphenoid Sinus: Case Reports. <i>Neurosurgery</i> , 2003, 53, 441-443.	0.6	2
142	Gliomatosis cerebri (GC) or GC-like? A picture to be reconsidered in neuro-oncology based on large retrospective analysis of GC series. <i>Neurological Sciences</i> , 2020, 41, 2111-2120.	0.9	2
143	Reactivation of COVID-19 in a neurosurgical patient with early neuropsychiatric presentation. Does seroconversion mean immunity?. , 2021, 12, 166.		2
144	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. <i>Journal of Neurosurgical Sciences</i> , 2018, 62, 255-264.	0.3	2

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145	Image guidance in skull base tumor resection: A synergistic approach using intraoperative navigated angiosonography for real-time vessel visualization. , 2016, 7, 82.		2
146	ecancermedicallscience. Ecancermedicallscience, 2013, 7, 309.	0.6	1
147	Current and Future Novel Treatments for Glioblastoma Multiforme. BioMed Research International, 2014, 2014, 1-1.	0.9	1
148	Involvement of the CXCL12/CXCR4/CXCR7 Axis in Brain Metastases. , 2014, , 25-36.		1
149	In Reply. Neurosurgery, 2015, 76, E105-E106.	0.6	1
150	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.	0.6	1
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