

Marcos Tatagiba

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Management of non-vestibular schwannomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section Part III: Lower cranial nerve schwannomas, jugular foramen (CN IX, X, XI) and hypoglossal schwannoma (XII). <i>Acta Neurochirurgica</i> , 2022, 164, 321-329.	1.7	5
2	Frequent FGFR1 hotspot alterations in driver-unknown low-grade glioma and mixed neuronal-glioma tumors. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022, 148, 857-866.	2.5	7
3	Management of non-vestibular schwannomas in adult patients: a systematic review and consensus statement on behalf of the EANS skull base section Part II: Trigeminal and facial nerve schwannomas (CN V, VII). <i>Acta Neurochirurgica</i> , 2022, 164, 299-319.	1.7	6
4	Tissue metabolites in diffuse glioma and their modulations by IDH1 mutation, histology, and treatment. <i>JCI Insight</i> , 2022, 7, .	5.0	8
5	Complete and Incomplete Resection for Progressive Glioblastoma Prolongs Post-Progression Survival. <i>Frontiers in Oncology</i> , 2022, 12, 755430.	2.8	8
6	Eloquent Lower Grade Gliomas, a Highly Vulnerable Cohort: Assessment of Patients' Functional Outcome After Surgery Based on the LoG-Glio Registry. <i>Frontiers in Oncology</i> , 2022, 12, 845992.	2.8	3
7	Technical limitations and pitfalls of diffusion-weighted imaging in intraoperative high-field MRI. <i>Neurosurgical Review</i> , 2021, 44, 327-334.	2.4	6
8	Surgical Management of Sporadic Peripheral Nerve Schwannomas in Adults: Indications and Outcome in a Single Center Cohort. <i>Cancers</i> , 2021, 13, 1017.	3.7	6
9	Risk Stratification for Immediate Postoperative Hearing Loss by Preoperative BAER (Brainstem Auditory) Tj ETQq1 1,0,784314 rgBT /O	3.7	1
10	COX2 expression is associated with preoperative tumor volume but not with volumetric tumor growth in vestibular schwannoma. <i>Neurological Research and Practice</i> , 2021, 3, 11.	2.0	4
11	Differences in the expression of SSTR1 ⁵ in meningiomas and its therapeutic potential. <i>Neurosurgical Review</i> , 2021, , 1.	2.4	12
12	Telomerase reverse transcriptase promoter mutation ⁶ and O6-methylguanine DNA methyltransferase promoter methylation ⁶ mediated sensitivity to temozolomide in isocitrate dehydrogenase ⁶ wild-type glioblastoma: is there a link?. <i>European Journal of Cancer</i> , 2021, 147, 84-94.	2.8	10
13	Cortical and subcortical gray matter changes in patients with chronic tinnitus sustaining after vestibular schwannoma surgery. <i>Scientific Reports</i> , 2021, 11, 8411.	3.3	4
14	Loss of H3K27me3 in meningiomas. <i>Neuro-Oncology</i> , 2021, 23, 1282-1291.	1.2	45
15	Targeting CSF1R Alone or in Combination with PD1 in Experimental Glioma. <i>Cancers</i> , 2021, 13, 2400.	3.7	28
16	³ H2AX foci assay in glioblastoma: Surgical specimen versus corresponding stem cell culture. <i>Radiotherapy and Oncology</i> , 2021, 159, 119-125.	0.6	1
17	Argyris F Treatment ⁶ Induced Vulnerabilities Lead to a Novel Combination Therapy in Experimental Glioma. <i>Advanced Therapeutics</i> , 2021, 4, 2100078.	3.2	7
18	H3K27me3 loss indicates an increased risk of recurrence in the TÄ¼bingen meningioma cohort. <i>Neuro-Oncology</i> , 2021, 23, 1273-1281.	1.2	34

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19	Quality of Life After Vestibular Schwannoma Surgery: A Question of Perspective. <i>Frontiers in Oncology</i> , 2021, 11, 770789.	2.8	8
20	Multicentric Registry Study on Epidemiological and Biological Disease Profile as Well as Clinical Outcome in Patients with Low-Grade Gliomas: The LoG-Glio Project. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 048-057.	0.8	4
21	Surgery for Diffuse WHO Grade II Gliomas: Volumetric Analysis of a Multicenter Retrospective Cohort From the German Study Group for Intraoperative Magnetic Resonance Imaging. <i>Neurosurgery</i> , 2020, 86, E64-E74.	1.1	30
22	Experimental glioma with high bHLH expression harbor increased replicative stress and are sensitive toward ATR inhibition. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa115.	0.7	2
23	Age at Onset and Presenting Symptoms of Neurofibromatosis Type 2 as Prognostic Factors for Clinical Course of Vestibular Schwannomas. <i>Cancers</i> , 2020, 12, 2355.	3.7	6
24	Managing NF2-associated vestibular schwannomas in children and young adults: review of an institutional series regarding effects of surgery and bevacizumab on growth rates, tumor volume, and hearing quality. <i>Child's Nervous System</i> , 2020, 36, 2471-2480.	1.1	7
25	Presenting symptoms in children with neurofibromatosis type 2. <i>Child's Nervous System</i> , 2020, 36, 2463-2470.	1.1	11
26	Surgical management of peripheral nerve sheath tumours in children, with special consideration of neurofibromatoses. <i>Child's Nervous System</i> , 2020, 36, 2433-2442.	1.1	4
27	Targetable ERBB2 mutations identified in neurofibroma/schwannoma hybrid nerve sheath tumors. <i>Journal of Clinical Investigation</i> , 2020, 130, 2488-2495.	8.2	23
28	To treat or not to treat? A retrospective multicenter assessment of survival in patients with IDH-mutant low-grade glioma based on adjuvant treatment. <i>Journal of Neurosurgery</i> , 2020, 133, 273-280.	1.6	18
29	Interoptic, Trans-lamina Terminalis, Opticocarotid Triangle, and Caroticosylvian Windows From Mini-Supraorbital, Frontomedial, and Pterional Perspectives: A Comparative Cadaver Study With Artificial Lesions. <i>Frontiers in Surgery</i> , 2019, 6, 40.	1.4	5
30	Corticosteroid-responsive aseptic meningitis during regorafenib treatment. <i>Neuro-Oncology Practice</i> , 2019, 6, 508-509.	1.6	2
31	Impact of Surgery on Long-Term Results of Hearing in Neurofibromatosis Type-2 Associated Vestibular Schwannomas. <i>Cancers</i> , 2019, 11, 1376.	3.7	15
32	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.	1.2	184
33	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1255-1268.	3.8	45
34	Measles Virus-Based Treatments Trigger a Pro-inflammatory Cascade and a Distinctive Immunopeptidome in Glioblastoma. <i>Molecular Therapy - Oncolytics</i> , 2019, 12, 147-161.	4.4	38
35	Midline Suboccipital Subtonsillar Approach with C1 Laminectomy for Resection of Foramen Magnum Meningioma: 2-Dimensional Operative Video. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, S365-S367.	0.8	0
36	Management of NF2-associated vestibular schwannomas in children and young adults: influence of surgery and clinical factors on tumor volume and growth rate. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 584-592.	1.3	17

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37	MNGI-11. LONGITUDINAL GENOMIC ANALYSIS OF SPORADIC MENINGIOMAS WITH MULTIPLE RECURRENCES. <i>Neuro-Oncology</i> , 2018, 20, vi150-vi150.	1.2	0
38	Retrosigmoid Transmeatal Endoscope-Assisted Approach in Semi-Sitting Position for Resection of Vestibular Schwannoma: 2-D operative Video. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S385-S386.	0.8	1
39	Resection of a Petroclival Meningioma via the Endoscope-Assisted Retrosigmoid Approach: 2-D Operative Video. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2018, 79, S395-S396.	0.8	0
40	Identification of Tumor Antigens Among the HLA Peptidomes of Glioblastoma Tumors and Plasma. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2132-2145.	3.8	41
41	Safety, Utility, and Clinical Results of Continuous Intraoperative Electrophysiologic Monitoring in 1.5T iMRI-Guided Surgery. <i>World Neurosurgery</i> , 2017, 106, 198-205.	1.3	12
42	The Prognostic Impact of Ventricular Opening in Glioblastoma Surgery: A Retrospective Single Center Analysis. <i>World Neurosurgery</i> , 2017, 106, 615-624.	1.3	19
43	Evaluation of the Predictive Value of Intraoperative Changes in Motor-Evoked Potentials of Caudal Cranial Nerves for the Postoperative Functional Outcome. <i>World Neurosurgery</i> , 2016, 95, 329-334.	1.3	16
44	Low-grade Glioma Surgery in Intraoperative Magnetic Resonance Imaging. <i>Neurosurgery</i> , 2016, 78, 775-786.	1.1	109
45	Prophylactic nimodipine treatment for cochlear and facial nerve preservation after vestibular schwannoma surgery: a randomized multicenter Phase III trial. <i>Journal of Neurosurgery</i> , 2016, 124, 657-664.	1.6	32
46	High-Resolution Three-Dimensional Computed Tomography for Assessing Complications Related to Intrathecal Drug Delivery. <i>Pain Physician</i> , 2016, 19, E775-80.	0.4	4
47	Endoscopic-Assisted Posterior Intradural Petrous Apicectomy in Petroclival Meningiomas: A Clinical Series and Assessment of Perioperative Morbidity. <i>World Neurosurgery</i> , 2015, 84, 1708-1718.	1.3	32
48	Residual γ H2AX foci after ex vivo irradiation of patient samples with known tumour-type specific differences in radio-responsiveness. <i>Radiotherapy and Oncology</i> , 2015, 116, 480-485.	0.6	37
49	Dissociated Language Functions: A Matter of Atypical Language Lateralization or Cerebral Plasticity?. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2014, 75, 064-069.	0.8	0
50	Chordomas and Chondrosarcomas. , 2014, , 185-198.		1
51	Topographic Changes in Petrous Bone Anatomy in the Presence of a Vestibular Schwannoma and Implications for the Retrosigmoid Transmeatal Approach. <i>Operative Neurosurgery</i> , 2014, 10, 481-486.	0.8	8
52	Vestibular schwannoma surgery via the retrosigmoid transmeatal approach. <i>Acta Neurochirurgica</i> , 2014, 156, 421-425.	1.7	31
53	The midline suboccipital subtonsillar approach to the cerebellomedullary cistern and its structures: Anatomical considerations, surgical technique and clinical application. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 98-105.	1.4	7
54	Patient response to awake craniotomy – a summary overview. <i>Acta Neurochirurgica</i> , 2014, 156, 1063-1070.	1.7	70

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55	Vestibular Schwannoma: Current State of the Art. , 2014, , 265-283.		5
56	Retrosigmoid Approach to the Posterior and Middle Fossa. , 2014, , 217-235.		0
57	Tumors of the Craniocervical Junction: Overview and Update. , 2014, , 417-431.		0
58	Electrical Stimulation of the Human Homolog of the Medial Superior Temporal Area Induces Visual Motion Blindness. Journal of Neuroscience, 2013, 33, 18288-18297.	3.6	18
59	Facial Nerve Monitoring During Cerebellopontine Angle and Skull Base Tumor Surgery: A Systematic Review from Description to Current Success on Function Prediction. World Neurosurgery, 2013, 80, e271-e300.	1.3	90
60	Longitudinal Expression Analysis of α Integrins in Human Gliomas Reveals Upregulation of Integrin α 3 as a Negative Prognostic Factor. Journal of Neuropathology and Experimental Neurology, 2013, 72, 194-210.	1.7	46
61	Letter to the Editor: Petroclival tumors. Journal of Neurosurgery, 2013, 119, 526-528.	1.6	5
62	“Imagine your neighbor mows the lawn” a pilot study of psychological sequelae due to awake craniotomy. Journal of Neurosurgery, 2013, 118, 1288-1295.	1.6	58
63	Focus on the Lateral Incisural Space: Where is the Trochlear Nerve?. Journal of Neurological Surgery, Part B: Skull Base, 2013, 74, 271-273.	0.8	5
64	Hybrid Neurofibroma/Schwannoma is Overrepresented Among Schwannomatosis and Neurofibromatosis Patients. American Journal of Surgical Pathology, 2012, 36, 702-709.	3.7	109
65	Analysis of TGFB1 in European and Japanese Moyamoya disease patients. European Journal of Medical Genetics, 2012, 55, 531-534.	1.3	16
66	Intravenous and oral levetiracetam in patients with a suspected primary brain tumor and symptomatic seizures undergoing neurosurgery: the HELLO trial. Acta Neurochirurgica, 2012, 154, 229-235.	1.7	45
67	The role of the trigeminocardiac reflex in postoperative hearing function in non-vestibular schwannoma cerebellopontine angle tumors. Journal of Clinical Neuroscience, 2011, 18, 237-240.	1.5	11
68	Dural Landmark to Locate the Internal Auditory Canal in Large and Giant Vestibular Schwannomas: The TÅ¼bingen Line. Operative Neurosurgery, 2011, 69, ons99-ons102.	0.8	14
69	Analysis of ACTA2 in European Moyamoya disease patients. European Journal of Paediatric Neurology, 2011, 15, 117-122.	1.6	38
70	Confirmation of R132H mutation of isocitrate dehydrogenase 1 as an independent prognostic factor in anaplastic astrocytoma. Acta Neuropathologica, 2011, 122, 651-652.	7.7	13
71	Molecular Markers in Low-Grade Gliomas: Predictive or Prognostic?. Clinical Cancer Research, 2011, 17, 4588-4599.	7.0	179
72	Genetic and Clinical Characteristics of Moyamoya Disease in Europeans. Acta Neurochirurgica Supplementum, 2011, 112, 31-34.	1.0	21

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73	Basic Principles of Skull Base Surgery. , 2011, , 1267-1284.		1
74	Polymorphisms in TGFB1 and PDGFRB are associated with Moyamoya disease in European patients. Acta Neurochirurgica, 2010, 152, 2153-2160.	1.7	46
75	A novel third type of recurrent NF1 microdeletion mediated by nonallelic homologous recombination between LRRC37B-containing low-copy repeats in 17q11.2. Human Mutation, 2010, 31, 742-751.	2.5	42
76	Intraoperative Brainstem Auditory Evoked Potential Observations After Trigemino-cardiac Reflex During Cerebellopontine Angle Surgery. Journal of Neurosurgical Anesthesiology, 2010, 22, 347-353.	1.2	13
77	Genetics of Moyamoya disease. Journal of Human Genetics, 2010, 55, 711-716.	2.3	39
78	Microsurgical and Endoscopic Anatomy of the Retrosigmoid Intradural Suprameatal Approach to Lesions Extending from the Posterior Fossa to the Central Skull Base. Skull Base, 2009, 19, 319-323.	0.4	26
79	Craniopharyngioma surgery. Pituitary, 2008, 11, 361-373.	2.9	58
80	Chordomas and Chondrosarcomas. , 2008, , 109-120.		3
81	Retrosigmoid Approach to the Posterior and Middle Fossae. , 2008, , 137-153.		4
82	Vestibular Schwannoma: Current State of the Art. , 2008, , 175-187.		3
83	Malignant Glioma Cells Counteract Antitumor Immune Responses through Expression of Lectin-Like Transcript-1. Cancer Research, 2007, 67, 3540-3544.	0.9	87
84	Preservation of Function in Vestibular Schwannoma Surgery. Operative Neurosurgery, 2007, 60, ONS-124-ONS-128.	0.8	35
85	The Impact of Petrosal Vein Preservation on Postoperative Auditory Function in Surgery of Petrous Apex Meningiomas. Operative Neurosurgery, 2006, 59, ONS-68-ONS-74.	0.8	7
86	The impact of hypotension due to the trigeminocardiac reflex on auditory function in vestibular schwannoma surgery. Journal of Neurosurgery, 2006, 104, 369-375.	1.6	112
87	Differentiating imaging findings in primary and secondary tumors of the jugular foramen. Neurosurgical Review, 2006, 29, 1-11.	2.4	42
88	The role of the right superior temporal gyrus in visual search – Insights from intraoperative electrical stimulation. Neuropsychologia, 2006, 44, 2578-2581.	1.6	69
89	Brachial Plexus Injury. Journal of Neurosurgery, 2005, 102, 403-4; author reply 404.	1.6	14
90	Screening for large mutations of the NF2 gene. Genes Chromosomes and Cancer, 2005, 42, 384-391.	2.8	58

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91	Pharmacotherapy of Epileptic Seizures in Glioma Patients: Who, When, Why and How Long?. <i>Oncology Research and Treatment</i> , 2005, 28, 391-396.	1.2	59
92	Epidermoid cysts of the cavernous sinus. <i>World Neurosurgery</i> , 2005, 64, 428-433.	1.3	22
93	Brachial plexus neurotization with donor phrenic nerves and its effect on pulmonary function. <i>Journal of Neurosurgery</i> , 2002, 96, 523-526.	1.6	70
94	Presymptomatic diagnosis for children of sporadic neurofibromatosis 2 patients: A method based on tumor analysis. <i>Genetics in Medicine</i> , 2002, 4, 27-30.	2.4	32
95	Therapeutic options for meningeal melanocytoma. <i>Journal of Neurosurgery: Spine</i> , 2001, 95, 225-231.	1.7	54
96	Cystic Schwannomas of the Jugular Foramen: Clinical and Surgical Remarks. <i>Neurosurgery</i> , 2000, 47, 1470-1471.	1.1	2
97	Cystic Schwannomas of the Jugular Foramen: Clinical and Surgical Remarks. <i>Neurosurgery</i> , 2000, 46, 560-566.	1.1	49
98	Sporadic Unilateral Vestibular Schwannoma with Islets of Meningioma: Case Report. <i>Neurosurgery</i> , 2000, 47, 451-454.	1.1	21
99	Retrosigmoid intradural suprameatal approach to Meckel's cave and the middle fossa: surgical technique and outcome. <i>Journal of Neurosurgery</i> , 2000, 92, 235-241.	1.6	199
100	Retrosigmoid intradural suprameatal approach to Meckel's cave and the middle fossa: surgical technique and outcome. <i>Neurosurgical Focus</i> , 1999, 7, E1.	2.3	0
101	Phenotypic variability associated with 14 splice-site mutations in the NF2 Gene. , 1998, 77, 228-233.		86
102	Assessment and Surgical Management of Posterior Fossa Epidermoid Tumors: Report of 28 Cases. <i>Neurosurgery</i> , 1998, 42, 252-252.	1.1	1
103	Proliferation potential and histological features in neurofibromatosis 2-associated and sporadic meningiomas. <i>Journal of Neurosurgery</i> , 1997, 87, 610-614.	1.6	73
104	Surgical Management of Meningiomas Originating in Meckel's Cave. <i>Neurosurgery</i> , 1997, 41, 767-775.	1.1	77
105	Management of Vestibular Schwannomas (Acoustic Neuromas): Auditory and Facial Nerve Function after Resection of 120 Vestibular Schwannomas in Patients with Neurofibromatosis 2. <i>Neurosurgery</i> , 1997, 40, 696-706.	1.1	202
106	Surgical Management of Craniopharyngiomas: A Review. <i>Neurologia Medico-Chirurgica</i> , 1997, 37, 141-149.	2.2	92
107	Meningiomas of the tentorial notch: surgical anatomy and management. <i>Journal of Neurosurgery</i> , 1996, 84, 375-381.	1.6	68
108	Tumors of the Jugular Foramen. <i>Neurosurgery Quarterly</i> , 1996, 6, 176-193.	0.1	12

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109	The Neuroimaging and Clinical Spectrum of Neurofibromatosis 2. Neurosurgery, 1996, 38, 880-886.	1.1	265
110	Microendoscopy of the Internal Auditory Canal in Vestibular Schwannoma Surgery. Neurosurgery, 1996, 38, 737-740.	1.1	80
111	Surgical treatment of epidermoid cysts of the cerebellopontine angle. Journal of Neurosurgery, 1996, 84, 14-19.	1.6	163
112	Management of Petroclival Meningiomas: A Critical Analysis of Surgical Treatment. , 1996, 65, 92-94.		31
113	Microendoscopy of the Internal Auditory Canal in Vestibular Schwannoma Surgery. Neurosurgery, 1996, , 737-740.	1.1	10
114	Surgical treatment of jugular foramen schwannomas. Journal of Neurosurgery, 1995, 82, 924-932.	1.6	192
115	Surgical treatment of trigeminal schwannomas. Journal of Neurosurgery, 1995, 82, 711-718.	1.6	223
116	Surgical Management of High Jugular Bulb in Acoustic Neurinoma Via Retrosigmoid Approach. Neurosurgery, 1993, 32, 32-37.	1.1	64
117	Surgical Management of High Jugular Bulb in Acoustic Neurinoma Via Retrosigmoid Approach. Neurosurgery, 1993, 32, 32-37.	1.1	6
118	Neurofibromatosis 2 in the Pediatric Age Group. Neurosurgery, 1993, 33, 92-96.	1.1	109
119	The significance for postoperative hearing of preserving the labyrinth in acoustic neurinoma surgery. Journal of Neurosurgery, 1992, 77, 677-684.	1.6	101
120	Meningeal Melanocytoma of the C8 Nerve Root. Neurosurgery, 1992, 31, 958-961.	1.1	50
121	Acoustic Neurinoma in the Elderly. Neurosurgery, 1992, 31, 615-620.	1.1	37
122	Acoustic Neurinoma in the Elderly. Neurosurgery, 1992, 31, 615-620.	1.1	49
123	Peritumoral Blood Flow in Intracranial Meningiomas. Neurosurgery, 1991, 28, 400-404.	1.1	60
124	Intracanalicular Acoustic Neurinomas. Neurosurgery, 1991, 29, 189-199.	1.1	75
125	Evolution in Surgical Treatment of Vestibular Schwannomas. Current Otorhinolaryngology Reports, 0, , 1.	0.5	7