

Carlotti Cg Jr

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192
papers

24,871
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57
h-index

157
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206
ext. papers

34,588
ext. citations

9.4
avg, IF

4.98
L-index

#	Paper	IF	Citations
192	Comprehensive, Integrative Genomic Analysis of Diffuse Lower-Grade Gliomas. <i>New England Journal of Medicine</i> , 2015 , 372, 2481-98	59.2	1828
191	The Immune Landscape of Cancer. <i>Immunity</i> , 2018 , 48, 812-830.e14	32.3	1754
190	The Molecular Taxonomy of Primary Prostate Cancer. <i>Cell</i> , 2015 , 163, 1011-25	56.2	1713
189	Molecular Profiling Reveals Biologically Discrete Subsets and Pathways of Progression in Diffuse Glioma. <i>Cell</i> , 2016 , 164, 550-63	56.2	1140
188	Comprehensive and Integrative Genomic Characterization of Hepatocellular Carcinoma. <i>Cell</i> , 2017 , 169, 1327-1341.e23	56.2	1125
187	Oncogenic Signaling Pathways in The Cancer Genome Atlas. <i>Cell</i> , 2018 , 173, 321-337.e10	56.2	1124
186	An Integrated TCGA Pan-Cancer Clinical Data Resource to Drive High-Quality Survival Outcome Analytics. <i>Cell</i> , 2018 , 173, 400-416.e11	56.2	1072
185	Integrated genomic characterization of oesophageal carcinoma. <i>Nature</i> , 2017 , 541, 169-175	50.4	965
184	Integrated Genomic Characterization of Pancreatic Ductal Adenocarcinoma. <i>Cancer Cell</i> , 2017 , 32, 185-203.e13	56.2	13896
183	Cell-of-Origin Patterns Dominate the Molecular Classification of 10,000 Tumors from 33 Types of Cancer. <i>Cell</i> , 2018 , 173, 291-304.e6	56.2	888
182	Comprehensive Characterization of Cancer Driver Genes and Mutations. <i>Cell</i> , 2018 , 173, 371-385.e18	56.2	854
181	Subgroup-specific structural variation across 1,000 medulloblastoma genomes. <i>Nature</i> , 2012 , 488, 49-56	50.4	596
180	Machine Learning Identifies Stemness Features Associated with Oncogenic Dedifferentiation. <i>Cell</i> , 2018 , 173, 338-354.e15	56.2	560
179	Intertumoral Heterogeneity within Medulloblastoma Subgroups. <i>Cancer Cell</i> , 2017 , 31, 737-754.e6	24.3	511
178	Genomic and Molecular Landscape of DNA Damage Repair Deficiency across The Cancer Genome Atlas. <i>Cell Reports</i> , 2018 , 23, 239-254.e6	10.6	405
177	Genomic and Functional Approaches to Understanding Cancer Aneuploidy. <i>Cancer Cell</i> , 2018 , 33, 676-689.e3	24.3	377
176	Spatial Organization and Molecular Correlation of Tumor-Infiltrating Lymphocytes Using Deep Learning on Pathology Images. <i>Cell Reports</i> , 2018 , 23, 181-193.e7	10.6	366

175	Pathogenic Germline Variants in 10,389 Adult Cancers. <i>Cell</i> , 2018 , 173, 355-370.e14	56.2	342
174	Multiple recurrent genetic events converge on control of histone lysine methylation in medulloblastoma. <i>Nature Genetics</i> , 2009 , 41, 465-72	36.3	337
173	Comprehensive Analysis of Alternative Splicing Across Tumors from 8,705 Patients. <i>Cancer Cell</i> , 2018 , 34, 211-224.e6	24.3	327
172	Scalable Open Science Approach for Mutation Calling of Tumor Exomes Using Multiple Genomic Pipelines. <i>Cell Systems</i> , 2018 , 6, 271-281.e7	10.6	320
171	The Cancer Genome Atlas Comprehensive Molecular Characterization of Renal Cell Carcinoma. <i>Cell Reports</i> , 2018 , 23, 313-326.e5	10.6	295
170	A Comprehensive Pan-Cancer Molecular Study of Gynecologic and Breast Cancers. <i>Cancer Cell</i> , 2018 , 33, 690-705.e9	24.3	277
169	lncRNA Epigenetic Landscape Analysis Identifies EPIC1 as an Oncogenic lncRNA that Interacts with MYC and Promotes Cell-Cycle Progression in Cancer. <i>Cancer Cell</i> , 2018 , 33, 706-720.e9	24.3	275
168	Driver Fusions and Their Implications in the Development and Treatment of Human Cancers. <i>Cell Reports</i> , 2018 , 23, 227-238.e3	10.6	235
167	Comparative Molecular Analysis of Gastrointestinal Adenocarcinomas. <i>Cancer Cell</i> , 2018 , 33, 721-735.e8	24.3	228
166	Divergent clonal selection dominates medulloblastoma at recurrence. <i>Nature</i> , 2016 , 529, 351-7	50.4	206
165	Somatic Mutational Landscape of Splicing Factor Genes and Their Functional Consequences across 33 Cancer Types. <i>Cell Reports</i> , 2018 , 23, 282-296.e4	10.6	188
164	Perspective on Oncogenic Processes at the End of the Beginning of Cancer Genomics. <i>Cell</i> , 2018 , 173, 305-320.e10	56.2	166
163	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	10.6	159
162	Comprehensive Molecular Characterization of the Hippo Signaling Pathway in Cancer. <i>Cell Reports</i> , 2018 , 25, 1304-1317.e5	10.6	152
161	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	10.6	147
160	Genomic, Pathway Network, and Immunologic Features Distinguishing Squamous Carcinomas. <i>Cell Reports</i> , 2018 , 23, 194-212.e6	10.6	146
159	A Pan-Cancer Analysis of Enhancer Expression in Nearly 9000 Patient Samples. <i>Cell</i> , 2018 , 173, 386-399.e12	42.2	133
158	PIK3CA gene mutations in pediatric and adult glioblastoma multiforme. <i>Molecular Cancer Research</i> , 2006 , 4, 709-14	6.6	131

157	Systematic Analysis of Splice-Site-Creating Mutations in Cancer. <i>Cell Reports</i> , 2018 , 23, 270-281.e3	10.6	121
156	TERT promoter mutations are highly recurrent in SHH subgroup medulloblastoma. <i>Acta Neuropathologica</i> , 2013 , 126, 917-29	14.3	115
155	Selection of suitable housekeeping genes for expression analysis in glioblastoma using quantitative RT-PCR. <i>BMC Molecular Biology</i> , 2009 , 10, 17	4.5	115
154	miR-29b and miR-125a regulate podoplanin and suppress invasion in glioblastoma. <i>Genes Chromosomes and Cancer</i> , 2010 , 49, 981-90	5	114
153	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. <i>Journal of Clinical Oncology</i> , 2016 , 34, 2468-77	2.2	113
152	Molecular Characterization and Clinical Relevance of Metabolic Expression Subtypes in Human Cancers. <i>Cell Reports</i> , 2018 , 23, 255-269.e4	10.6	112
151	Maternal embryonic leucine zipper kinase transcript abundance correlates with malignancy grade in human astrocytomas. <i>International Journal of Cancer</i> , 2008 , 122, 807-15	7.5	109
150	Differential expression of 12 histone deacetylase (HDAC) genes in astrocytomas and normal brain tissue: class II and IV are hypoexpressed in glioblastomas. <i>BMC Cancer</i> , 2008 , 8, 243	4.8	107
149	Nasu-Hakola disease (polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy--PLOSL): a dementia associated with bone cystic lesions. From clinical to genetic and molecular aspects. <i>Cellular and Molecular Neurobiology</i> , 2004 , 24, 1-24	4.6	105
148	A Distinct DNA Methylation Shift in a Subset of Glioma CpG Island Methylator Phenotypes during Tumor Recurrence. <i>Cell Reports</i> , 2018 , 23, 637-651	10.6	90
147	Gene expression profile analysis of primary glioblastomas and non-neoplastic brain tissue: identification of potential target genes by oligonucleotide microarray and real-time quantitative PCR. <i>Journal of Neuro-Oncology</i> , 2008 , 88, 281-91	4.8	88
146	A Pan-Cancer Analysis Reveals High-Frequency Genetic Alterations in Mediators of Signaling by the TGF- β Superfamily. <i>Cell Systems</i> , 2018 , 7, 422-437.e7	10.6	85
145	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	79
144	Plasticity, synaptic strength, and epilepsy: what can we learn from ultrastructural data?. <i>Epilepsia</i> , 2005 , 46 Suppl 5, 134-41	6.4	75
143	Do psychiatric comorbidities predict postoperative seizure outcome in temporal lobe epilepsy surgery?. <i>Epilepsy and Behavior</i> , 2009 , 14, 529-34	3.2	69
142	Machine Learning Detects Pan-cancer Ras Pathway Activation in The Cancer Genome Atlas. <i>Cell Reports</i> , 2018 , 23, 172-180.e3	10.6	66
141	Seizure outcome after surgery for epilepsy due to focal cortical dysplastic lesions. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006 , 15, 420-7	3.2	65
140	Clinical features of patients with posterior cortex epilepsies and predictors of surgical outcome. <i>Epilepsia</i> , 2005 , 46, 1442-9	6.4	58

139	Volumetric evidence of bilateral damage in unilateral mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2006 , 47, 1354-9	6.4	57
138	Integrated Genomic Analysis of the Ubiquitin Pathway across Cancer Types. <i>Cell Reports</i> , 2018 , 23, 213-226.	6.3	56
137	Phosphoproteomic analysis of synaptosomes from human cerebral cortex. <i>Journal of Proteome Research</i> , 2005 , 4, 306-15	5.6	55
136	Imaging and diagnostic advances for intracranial meningiomas. <i>Neuro-Oncology</i> , 2019 , 21, i44-i61	1	55
135	Calcified cysticercotic lesions and intractable epilepsy: a cross sectional study of 512 patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006 , 77, 485-8	5.5	53
134	Heterogeneity within the PF-EPN-B ependymoma subgroup. <i>Acta Neuropathologica</i> , 2018 , 136, 227-237	14.3	52
133	Human leukocyte antigen-G is frequently expressed in glioblastoma and may be induced in vitro by combined 5-aza-2-deoxycytidine and interferon- α treatments: results from a multicentric study. <i>American Journal of Pathology</i> , 2013 , 182, 540-52	5.8	48
132	Evaluation of proliferative index and cell cycle protein expression in choroid plexus tumors in children. <i>Acta Neuropathologica</i> , 2002 , 103, 1-10	14.3	47
131	Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019 , 21, i4-i17	1	46
130	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019 , 21, i18-i31	1	44
129	Polo-like kinase 1 inhibition causes decreased proliferation by cell cycle arrest, leading to cell death in glioblastoma. <i>Cancer Gene Therapy</i> , 2013 , 20, 499-506	5.4	43
128	Parasagittal meningiomas: follow-up review. <i>World Neurosurgery</i> , 2006 , 66 Suppl 3, S20-7; discussion S27-8		43
127	Surgical outcome in mesial temporal sclerosis correlates with prion protein gene variant. <i>Neurology</i> , 2003 , 61, 1204-10	6.5	43
126	Inhibition of Aurora kinases enhances chemosensitivity to temozolomide and causes radiosensitization in glioblastoma cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012 , 138, 405-414	4.9	37
125	Distinct increased metabotropic glutamate receptor type 5 (mGluR5) in temporal lobe epilepsy with and without hippocampal sclerosis. <i>Hippocampus</i> , 2013 , 23, 1212-30	3.5	37
124	Primary Ewing sarcoma of the skull in children. Utility of molecular diagnostics, surgery and adjuvant therapies. <i>Pediatric Neurosurgery</i> , 1999 , 31, 307-15	0.9	37
123	Results of microsurgical treatment of paraclinoid carotid aneurysms. <i>Neurosurgical Review</i> , 2013 , 36, 99-114; discussion 114-5	3.9	35
122	Central nervous system paracoccidioidomycosis: diagnosis and treatment. <i>World Neurosurgery</i> , 2005 , 63 Suppl 1, S13-21; discussion S21		35

121	Mesial temporal lobe epilepsy with psychiatric comorbidities: a place for differential neuroinflammatory interplay. <i>Journal of Neuroinflammation</i> , 2015 , 12, 38	10.1	34
120	Mesial temporal lobe epilepsy: clinical and neuropathologic findings of familial and sporadic forms. <i>Epilepsia</i> , 2008 , 49, 1046-54	6.4	34
119	Galectin-3 as an immunohistochemical tool to distinguish pilocytic astrocytomas from diffuse astrocytomas, and glioblastomas from anaplastic oligodendrogliomas. <i>Brain Pathology</i> , 2004 , 14, 399-405	6	34
118	Cellular prion protein: implications in seizures and epilepsy. <i>Cellular and Molecular Neurobiology</i> , 2002 , 22, 249-57	4.6	34
117	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	1	33
116	Atypical neuropsychological profiles and cognitive outcome in mesial temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 27, 461-9	3.2	31
115	Modulation of HJURP (Holliday Junction-Recognizing Protein) levels is correlated with glioblastoma cells survival. <i>PLoS ONE</i> , 2013 , 8, e62200	3.7	31
114	Prognostic significance of co-overexpression of the EGFR/IGFBP-2/HIF-2A genes in astrocytomas. <i>Journal of Neuro-Oncology</i> , 2007 , 83, 233-9	4.8	30
113	Fas, FasL, and cleaved caspases 8 and 3 in glioblastomas: a tissue microarray-based study. <i>Pathology Research and Practice</i> , 2014 , 210, 267-73	3.4	29
112	Effects of partial liver ischemia followed by global liver reperfusion on the remote tissue expression of nitric oxide synthase: lungs and kidneys. <i>Transplantation Proceedings</i> , 2010 , 42, 1557-62	1.1	29
111	Characteristics of mesial temporal lobe epilepsy associated with hippocampal sclerosis plus neurocysticercosis. <i>Epilepsy Research</i> , 2014 , 108, 1889-95	3	28
110	Surgical management of axis I traumatic spondylolisthesis (Hangman's fracture). <i>Arquivos De Neuro-Psiquiatria</i> , 2004 , 62, 821-6	1.6	28
109	Hippocampal expression of heat shock proteins in mesial temporal lobe epilepsy with psychiatric comorbidities and their relation to seizure outcome. <i>Epilepsia</i> , 2014 , 55, 1834-43	6.4	27
108	Neurotrophins in mesial temporal lobe epilepsy with and without psychiatric comorbidities. <i>Journal of Neuropathology and Experimental Neurology</i> , 2013 , 72, 1029-42	3.1	27
107	Utility of ictal single photon emission computed tomography in mesial temporal lobe epilepsy with hippocampal atrophy: a randomized trial. <i>Neurosurgery</i> , 2011 , 68, 431-6; discussion 436	3.2	27
106	Temporal lobe epilepsy patients with severe hippocampal neuron loss but normal hippocampal volume: Extracellular matrix molecules are important for the maintenance of hippocampal volume. <i>Epilepsia</i> , 2015 , 56, 1562-70	6.4	26
105	Clear cell meningioma of the fourth ventricle. <i>American Journal of Surgical Pathology</i> , 2003 , 27, 131-5	6.7	26
104	Caspase-3 and Bcl-2 expression in glioblastoma: an immunohistochemical study. <i>Arquivos De Neuro-Psiquiatria</i> , 2010 , 68, 603-7	1.6	25

103	Tentorial meningiomas: follow-up review. <i>Neurosurgical Review</i> , 2008 , 31, 421-30; discussion 430	3.9	25
102	Surgical treatment for mesial temporal lobe epilepsy in the presence of massive calcified neurocysticercosis. <i>Archives of Neurology</i> , 2004 , 61, 1117-9		25
101	Accuracy of ictal SPECT in mesial temporal lobe epilepsy with bilateral interictal spikes. <i>Neurology</i> , 2002 , 59, 266-71	6.5	25
100	Individual hippocampal subfield assessment indicates that matrix macromolecules and gliosis are key elements for the increased T2 relaxation time seen in temporal lobe epilepsy. <i>Epilepsia</i> , 2017 , 58, 149-159	6.4	24
99	Psychiatric comorbidity in refractory focal epilepsy: a study of 490 patients. <i>Epilepsy and Behavior</i> , 2012 , 25, 593-7	3.2	24
98	Impact of a program for the prevention of traffic accidents in a Southern Brazilian city: a model for implementation in a developing country. <i>World Neurosurgery</i> , 2009 , 72, 6-13; discussion 13-4		24
97	Differential expression of E-cadherin gene in human neuroepithelial tumors. <i>Genetics and Molecular Research</i> , 2008 , 7, 295-304	1.2	24
96	Expression signatures of DNA repair genes correlate with survival prognosis of astrocytoma patients. <i>Tumor Biology</i> , 2017 , 39, 1010428317694552	2.9	23
95	High expression of XIAP and Bcl-2 may inhibit programmed cell death in glioblastomas. <i>Arquivos De Neuro-Psiquiatria</i> , 2017 , 75, 875-880	1.6	23
94	Amygdala gene expression of NMDA and GABA(A) receptors in patients with mesial temporal lobe epilepsy. <i>Hippocampus</i> , 2012 , 22, 92-7	3.5	23
93	BUB1 and BUBR1 inhibition decreases proliferation and colony formation, and enhances radiation sensitivity in pediatric glioblastoma cells. <i>Childs Nervous System</i> , 2013 , 29, 2241-8	1.7	23
92	Cellular prion protein regulates the motor behaviour performance and anxiety-induced responses in genetically modified mice. <i>Behavioural Brain Research</i> , 2007 , 183, 87-94	3.4	23
91	Foramen ovale electrodes can identify a focal seizure onset when surface EEG fails in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2006 , 47, 1300-7	6.4	23
90	Differential aberrant sprouting in temporal lobe epilepsy with psychiatric co-morbidities. <i>Psychiatry Research</i> , 2012 , 195, 144-50	9.9	22
89	Microtubule-associated proteins in mesial temporal lobe epilepsy with and without psychiatric comorbidities and their relation with granular cell layer dispersion. <i>BioMed Research International</i> , 2013 , 2013, 960126	3	22
88	Cognitive performance of patients with mesial temporal lobe epilepsy and incidental calcified neurocysticercosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 1080-3	5.5	22
87	Surgical treatment of cerebral cysticercosis: long-term results and prognostic factors. <i>Neurosurgical Focus</i> , 2002 , 12, 1-13	4.2	22
86	Tetra-O-methyl nordihydroguaiaretic acid, an inhibitor of Sp1-mediated survivin transcription, induces apoptosis and acts synergistically with chemo-radiotherapy in glioblastoma cells. <i>Investigational New Drugs</i> , 2013 , 31, 858-70	4.3	21

85	Increased metallothionein I/II expression in patients with temporal lobe epilepsy. <i>PLoS ONE</i> , 2012 , 7, e44709	3.7	21
84	Cognitive and surgical outcome in mesial temporal lobe epilepsy associated with hippocampal sclerosis plus neurocysticercosis: a cohort study. <i>PLoS ONE</i> , 2013 , 8, e60949	3.7	21
83	The molecular genetics of medulloblastoma: an assessment of new therapeutic targets. <i>Neurosurgical Review</i> , 2008 , 31, 359-68; discussion 368-9	3.9	21
82	Neuroimaging observations linking neurocysticercosis and mesial temporal lobe epilepsy with hippocampal sclerosis. <i>Epilepsy Research</i> , 2015 , 116, 34-9	3	20
81	Suppression of obsessive-compulsive symptoms after epilepsy surgery. <i>Epilepsy and Behavior</i> , 2005 , 7, 316-9	3.2	20
80	Manual Hippocampal Subfield Segmentation Using High-Field MRI: Impact of Different Subfields in Hippocampal Volume Loss of Temporal Lobe Epilepsy Patients. <i>Frontiers in Neurology</i> , 2018 , 9, 927	4.1	20
79	Dorsal root ganglionectomy for the diagnosis of sensory neuropathies. Surgical technique and results. <i>World Neurosurgery</i> , 2008 , 69, 266-73; dicussion 273		18
78	Glutamate NMDA receptor subunit R1 and GAD mRNA expression in human temporal lobe epilepsy. <i>Cellular and Molecular Neurobiology</i> , 2002 , 22, 689-98	4.6	18
77	Independent predictors and a prognostic model for surgical outcome in refractory frontal lobe epilepsy. <i>Epilepsy Research</i> , 2012 , 99, 55-63	3	17
76	ICAM-1 (Lys469Glu) and PECAM-1 (Leu125Val) polymorphisms in diffuse astrocytomas. <i>Clinical and Experimental Medicine</i> , 2009 , 9, 157-63	4.9	17
75	Pleiotrophin expression in astrocytic and oligodendroglial tumors and its correlation with histological diagnosis, microvascular density, cellular proliferation and overall survival. <i>Journal of Neuro-Oncology</i> , 2007 , 84, 255-61	4.8	17
74	Normal brain mitochondrial respiration in adult mice lacking cellular prion protein. <i>Neuroscience Letters</i> , 2005 , 375, 203-6	3.3	17
73	Novel primate-specific genes, RMEL 1, 2 and 3, with highly restricted expression in melanoma, assessed by new data mining tool. <i>PLoS ONE</i> , 2010 , 5, e13510	3.7	17
72	Selection of suitable housekeeping genes for expression analysis in glioblastoma using quantitative RT-PCR. <i>Annals of Neurosciences</i> , 2014 , 21, 62-3	1.1	16
71	Olfactory groove meningiomas: surgical technique and follow-up review. <i>Arquivos De Neuro-Psiquiatria</i> , 2007 , 65, 795-9	1.6	16
70	Quantitative PCR analysis of the expression profile of genes related to multiple drug resistance in tumors of the central nervous system. <i>Journal of Neuro-Oncology</i> , 2007 , 85, 1-10	4.8	15
69	Kaurene diterpene induces apoptosis in U87 human malignant glioblastoma cells by suppression of anti-apoptotic signals and activation of cysteine proteases. <i>Brazilian Journal of Medical and Biological Research</i> , 2013 , 46, 71-78	2.8	14
68	Transcriptional changes in U343 MG-a glioblastoma cell line exposed to ionizing radiation. <i>Human and Experimental Toxicology</i> , 2008 , 27, 919-29	3.4	14

67	Impaired exercise capacity, but unaltered mitochondrial respiration in skeletal or cardiac muscle of mice lacking cellular prion protein. <i>Neuroscience Letters</i> , 2005 , 388, 21-6	3.3	14
66	Neurogenic thoracic outlet syndromes: a comparison of true and nonspecific syndromes after surgical treatment. <i>World Neurosurgery</i> , 2006 , 65, 262-71; discussion 271-2		14
65	Survey of traumatic intracranial hemorrhage in Taiwan. <i>World Neurosurgery</i> , 2006 , 66 Suppl 2, S20-5		14
64	Neurotrophin receptors expression in mesial temporal lobe epilepsy with and without psychiatric comorbidities and their relation with seizure type and surgical outcome. <i>Acta Neuropathologica Communications</i> , 2014 , 2, 81	7.3	13
63	Alterations in gene expression profiles correlated with cisplatin cytotoxicity in the glioma U343 cell line. <i>Genetics and Molecular Biology</i> , 2010 , 33, 159-68	2	13
62	On the prognostic value of ictal EEG patterns in temporal lobe epilepsy surgery: a cohort study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2013 , 22, 287-91	3.2	12
61	Apoptosis in glioma cells treated with PDT. <i>Photomedicine and Laser Surgery</i> , 2011 , 29, 305-9		12
60	Spinal cord cysticercosis: neurosurgical aspects. <i>Neurosurgical Focus</i> , 2002 , 12, 1-7	4.2	12
59	HIF1A is Overexpressed in Medulloblastoma and its Inhibition Reduces Proliferation and Increases EPAS1 and ATG16L1 Methylation. <i>Current Cancer Drug Targets</i> , 2018 , 18, 287-294	2.8	12
58	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. <i>Cell Reports Medicine</i> , 2020 , 1,	18	11
57	Expression of MicroRNAs miR-145, miR-181c, miR-199a and miR-1183 in the Blood and Hippocampus of Patients with Mesial Temporal Lobe Epilepsy. <i>Journal of Molecular Neuroscience</i> , 2019 , 69, 580-587	3.3	11
56	Correlation among anatomic landmarks, location of subthalamic deep brain stimulation electrodes, stimulation parameters, and side effects during programming monopolar review. <i>Operative Neurosurgery</i> , 2015 , 11 Suppl 2, 99-108; discussion 108-9	1.6	10
55	Immunohistochemical evaluation of three nitric oxide synthase isoforms in human saphenous vein exposed to different degrees of distension pressures. <i>Cardiovascular Pathology</i> , 2010 , 19, e211-20	3.8	10
54	Straight sinus: ultrastructural analysis aimed at surgical tumor resection. <i>Journal of Neurosurgery</i> , 2016 , 125, 494-507	3.2	9
53	Foramen magnum meningiomas: surgical treatment in a single public institution in a developing country. <i>Arquivos De Neuro-Psiquiatria</i> , 2014 , 72, 528-37	1.6	9
52	Late-onset social anxiety disorder following traumatic brain injury. <i>Brain Injury</i> , 2012 , 26, 882-6	2.1	9
51	Expression of HSP70 in cerebral ischemia and neuroprotective action of hypothermia and ketoprofen. <i>Arquivos De Neuro-Psiquiatria</i> , 2010 , 68, 592-6	1.6	9
50	Enhancement of blood-tumor barrier permeability by Sar-[D-Phe ⁸]des-Arg ⁹ BK, a metabolically resistant bradykinin B1 agonist, in a rat C6 glioma model. <i>BMC Neuroscience</i> , 2004 , 5, 38	3.2	9

49	High capacity and low cost detection of prion protein gene variant alleles by denaturing HPLC. <i>Journal of Neuroscience Methods</i> , 2004 , 139, 263-9	3	8
48	Ictal chronology and interictal spikes predict perfusion patterns in temporal lobe epilepsy: a multivariate study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2004 , 13, 346-57	3.2	8
47	microRNA-181d associated with the methylation status of the MGMT gene in Glioblastoma multiforme cancer stem cells submitted to treatments with ionizing radiation and temozolomide. <i>Brain Research</i> , 2019 , 1720, 146302	3.7	7
46	The evolution and application of techniques in molecular biology to human brain tumors: a 25 year perspective. <i>Journal of Neuro-Oncology</i> , 2009 , 92, 261-73	4.8	7
45	Biochemical evaluation of focal non-reperfusion cerebral ischemia by middle cerebral artery occlusion in rats. <i>Arquivos De Neuro-Psiquiatria</i> , 2008 , 66, 725-30	1.6	7
44	Cortical malformations are associated with a rare polymorphism of cellular prion protein. <i>Neurology</i> , 2004 , 63, 557-60	6.5	7
43	Infantile hemangioendothelioma of the pericranium presenting as an occipital mass lesion. Case report. <i>Journal of Neurosurgery</i> , 2000 , 92, 156-60	3.2	7
42	Avaliaço da isquemia cerebral pela respiraço mitocondrial: modelo experimental. <i>Arquivos De Neuro-Psiquiatria</i> , 2001 , 59, 365-371	1.6	7
41	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021 , 12, 1749	17.4	7
40	Pre, intra and post-ischemic hypothermic neuroprotection in temporary focal cerebral ischemia in rats: morphometric analysis. <i>Arquivos De Neuro-Psiquiatria</i> , 2012 , 70, 609-16	1.6	6
39	Endothelium dysfunction caused by acute pressure distension of human saphenous vein used for myocardial revascularization. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2007 , 22, 169-75	1.1	6
38	Intracranial Castleman's disease presenting as hypopituitarism. <i>Neuroradiology</i> , 2004 , 46, 830-3	3.2	6
37	Experimental microaneurysms in rats: I. Model for induction. <i>World Neurosurgery</i> , 2004 , 62, 406-12		6
36	Expression of circulating microRNAs as predictors of diagnosis and surgical outcome in patients with mesial temporal lobe epilepsy with hippocampal sclerosis. <i>Epilepsy Research</i> , 2020 , 166, 106373	3	6
35	Morphological and immunohistochemical analysis of apoptosis in the cerebellum of rats subjected to focal cerebral ischemia with or without alcoholism model. <i>Acta Cirurgica Brasileira</i> , 2016 , 31, 629-637	1.6	6
34	Educational program on fatigue for brain tumor patients: possibility strategy?. <i>Arquivos De Neuro-Psiquiatria</i> , 2016 , 74, 155-60	1.6	6
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