

Carlos Velasquez

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

661
citations

706676

14
h-index

685536

24
g-index

50
all docs

50
docs citations

50
times ranked

1067
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor Surface Regularity at MR Imaging Predicts Survival and Response to Surgery in Patients with Glioblastoma. <i>Radiology</i> , 2018, 288, 218-225.	3.6	78
2	Influence of gray level and space discretization on brain tumor heterogeneity measures obtained from magnetic resonance images. <i>Computers in Biology and Medicine</i> , 2016, 78, 49-57.	3.9	53
3	ODZ1 allows glioblastoma to sustain invasiveness through a Myc-dependent transcriptional upregulation of RhoA. <i>Oncogene</i> , 2017, 36, 1733-1744.	2.6	48
4	Tumour heterogeneity in glioblastoma assessed by MRI texture analysis: a potential marker of survival. <i>British Journal of Radiology</i> , 2016, 89, 20160242.	1.0	47
5	Lack of robustness of textural measures obtained from 3D brain tumor MRIs impose a need for standardization. <i>PLoS ONE</i> , 2017, 12, e0178843.	1.1	47
6	Molecular and Clinical Insights into the Invasive Capacity of Glioblastoma Cells. <i>Journal of Oncology</i> , 2019, 2019, 1-16.	0.6	46
7	Glioblastoma: does the pre-treatment geometry matter? A postcontrast T1 MRI-based study. <i>European Radiology</i> , 2017, 27, 1096-1104.	2.3	38
8	Global neurosurgery: models for international surgical education and collaboration at one university. <i>Neurosurgical Focus</i> , 2018, 45, E5.	1.0	30
9	Management of Giant Pituitary Adenomas. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 433-444.	0.8	30
10	Upper Cervical Spinal Cord Stimulation as an Alternative Treatment in Trigeminal Neuropathy. <i>World Neurosurgery</i> , 2018, 114, e641-e646.	0.7	27
11	Current Results of Surgical Treatment of Craniopharyngiomas: The Impact of Endoscopic Endonasal Approaches. <i>World Neurosurgery</i> , 2020, 142, 582-592.	0.7	23
12	Long-term outcomes of transsphenoidal surgery for management of growth hormone-secreting adenomas: single-center results. <i>Journal of Neurosurgery</i> , 2020, 133, 1360-1370.	0.9	22
13	Morphological MRI-based features provide pretreatment survival prediction in glioblastoma. <i>European Radiology</i> , 2019, 29, 1968-1977.	2.3	19
14	Heschl's gyrus fiber intersection area: a new insight on the connectivity of the auditory-language hub. <i>Neurosurgical Focus</i> , 2020, 48, E7.	1.0	19
15	Surgical Anatomy Applied to the Resection of Craniopharyngiomas: Anatomic Compartments and Surgical Classifications. <i>World Neurosurgery</i> , 2020, 142, 611-625.	0.7	16
16	Hypoxia Can Induce Migration of Glioblastoma Cells Through a Methylation-Dependent Control of ODZ1 Gene Expression. <i>Frontiers in Oncology</i> , 2019, 9, 1036.	1.3	13
17	Insular Gliomas with Exophytic Extension to the Sylvian Cistern: A Glioma Growth Pattern That Has Gone Previously Unnoticed. <i>World Neurosurgery</i> , 2016, 87, 200-206.	0.7	12
18	Avoiding pullout complications in external ventricular drains: technical note. <i>Journal of Neurosurgery</i> , 2017, 126, 1003-1005.	0.9	11

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19	Tumor Surface Regularity at MR Imaging Predicts Survival and Response to Surgery in Patients with Glioblastoma. <i>Radiology</i> , 0, , 171051.	3.6	11
20	Morphologic Features on MR Imaging Classify Multifocal Glioblastomas in Different Prognostic Groups. <i>American Journal of Neuroradiology</i> , 2019, 40, 634-640.	1.2	10
21	Craniopharyngiomas: Challenges and Controversies. <i>World Neurosurgery</i> , 2020, 142, 593-600.	0.7	10
22	Predicting the Extent of Resection in Low-Grade Glioma by Using Intratumoral Tractography to Detect Eloquent Fascicles Within the Tumor. <i>Neurosurgery</i> , 2021, 88, E190-E202.	0.6	8
23	The Importance of Long Term Follow Up After Endoscopic Pituitary Surgery: Durability of Results and Tumor Recurrence. <i>Neurology India</i> , 2020, 68, 92.	0.2	8
24	Cross-Modal Recruitment of Auditory and Orofacial Areas During Sign Language in a Deaf Subject. <i>World Neurosurgery</i> , 2017, 105, 1033.e1-1033.e5.	0.7	7
25	Glioblastoma invasion factor ODZ1 is induced by microenvironmental signals through activation of a Stat3-dependent transcriptional pathway. <i>Scientific Reports</i> , 2021, 11, 16196.	1.6	4
26	Mapping visuospatial and self-motion perception functions in the left parietal lobe. <i>Neurosurgical Focus</i> , 2018, 45, V8.	1.0	3
27	The neural pathway midline crossing theory: a historical analysis of Santiago Ramón y Cajal's contribution on cerebral localization and on contralateral forebrain organization. <i>Neurosurgical Focus</i> , 2019, 47, E10.	1.0	3
28	HIF2 α Upregulates the Migration Factor ODZ1 under Hypoxia in Glioblastoma Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 741.	1.8	3
29	Endoscopic Histologic Mapping of a Mixed Germ Pineal Tumor. <i>World Neurosurgery</i> , 2016, 95, 625.e1-625.e5.	0.7	2
30	Eliciting Smiles and Laughter During Intraoperative Electric Stimulation of the Cingulum: Surgical Scenario. <i>World Neurosurgery</i> , 2020, 133, 55.	0.7	2
31	Long-Term Outcomes of Transsphenoidal Surgery for Management of Growth Hormone-Secreting Adenomas: Single-Center Results. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 81, .	0.4	2
32	Clinical value of methylation testing: a case report of intraventricular schwannomas with associated molecular findings. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa029.	0.4	1
33	Creative and Innovative Methods and Techniques for the Challenges in the Management of Adult Craniopharyngioma. <i>World Neurosurgery</i> , 2020, 142, 601-610.	0.7	1
34	Transopercular Insular Approach, Overcoming the Training Curve Using a Cadaveric Simulation Model: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2021, 21, E561-E562.	0.4	1
35	The Importance of Long-Term Follow-up after Endoscopic Pituitary Surgery: Durability of Results and Tumor Recurrence. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 81, .	0.4	1
36	Signaling Pathways Regulating the Expression of the Glioblastoma Invasion Factor TENM1. <i>Biomedicines</i> , 2022, 10, 1104.	1.4	1

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37	Visual mapping for tumor resection: A proof of concept of a new intraoperative task and a systematic review of the literature.. World Neurosurgery, 2022, , .	0.7	1
38	Glioblastoma: Pre-treatment geometry and texture of postcontrast T1 MRI matter. , 2016, , .		0
39	Letter to the Editor: Postoperative hyponatremia. Journal of Neurosurgery: Pediatrics, 2017, 19, 372-374.	0.8	0
40	TMIC-07. HYPOXIC MICROENVIRONMENT CONFERS SPECIFIC ALTERATIONS IN DNA METHYLATION PROFILES IN GLIOBLASTOMA. Neuro-Oncology, 2018, 20, vi257-vi257.	0.6	0
41	53 Alterations in the epigenetic profile of glioblastoma tumors within hypoxic tumor regions. Canadian Journal of Neurological Sciences, 2018, 45, S11-S12.	0.3	0
42	GENE-05. UPREGULATION OF ODZ1-MEDIATED INVASION IN THE HYPOXIC TUMOR MICROENVIRONMENT IN GLIOBLASTOMA. Neuro-Oncology, 2018, 20, vi103-vi103.	0.6	0
43	ECO4-4. Hypoxia alters the DNA methylation profile of glioblastoma tumor cells. Neuro-Oncology Advances, 2021, 3, ii1-ii2.	0.4	0
44	Recovery of long-term paresis following resection of WHO grade II gliomas infiltrating the pyramidal pathway. Journal of Neurosurgical Sciences, 2016, 61, 88-96.	0.3	0
45	Role of Endoscopic Endonasal Surgery in the Multidisciplinary Management of Petroclival Chondrosarcomas: Single-Center Experience. Journal of Neurological Surgery, Part B: Skull Base, 2019, 80, .	0.4	0
46	Barriers and facilitators in the implementation of a telemedicine-based outpatient brain tumor surgery program. Neurosurgical Focus, 2022, 52, E8.	1.0	0