

Juan Barcia

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.

48
papers

985
citations

18
h-index

30
g-index

51
ext. papers

1,239
ext. citations

3.6
avg, IF

3.91
L-index

#	Paper	IF	Citations
48	A combined preclinical therapy of cannabinoids and temozolomide against glioma. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 90-103	6.1	185
47	A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. <i>Nature Communications</i> , 2020 , 11, 3364	17.4	95
46	Stereotactic radiosurgery for the treatment of low-flow carotid-cavernous fistulae: results in a series of 25 cases. <i>Stereotactic and Functional Neurosurgery</i> , 1994 , 63, 266-70	1.6	49
45	Recruitment of occipital cortex during sensory substitution training linked to subjective experience of seeing in people with blindness. <i>PLoS ONE</i> , 2011 , 6, e23264	3.7	42
44	Proper information during the surgical decision-making process lowers the anxiety of patients with high-grade gliomas. <i>Acta Neurochirurgica</i> , 2009 , 151, 357-62	3	40
43	Personalized striatal targets for deep brain stimulation in obsessive-compulsive disorder. <i>Brain Stimulation</i> , 2019 , 12, 724-734	5.1	39
42	Targeting of the Subthalamic Nucleus for Deep Brain Stimulation: A Survey Among Parkinson Disease Specialists. <i>World Neurosurgery</i> , 2017 , 99, 41-46	2.1	36
41	Channeled scaffolds implanted in adult rat brain. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 3276-86	5.4	34
40	Glioblastoma: does the pre-treatment geometry matter? A postcontrast T1 MRI-based study. <i>European Radiology</i> , 2017 , 27, 1096-1104	8	29
39	Intraventricular and intracerebral delivery of anti-epileptic drugs in the kindling model. <i>Neurotherapeutics</i> , 2009 , 6, 337-43	6.4	29
38	Assessment of a method to determine deep brain stimulation targets using deterministic tractography in a navigation system. <i>Neurosurgical Review</i> , 2015 , 38, 739-50; discussion 751	3.9	28
37	Effect of intracerebroventricular continuous infusion of valproic acid versus single i.p. and i.c.v. injections in the amygdala kindling epilepsy model. <i>Epilepsy Research</i> , 2006 , 70, 15-26	3	28
36	Human Mesenchymal Stem Cells Prevent Neurological Complications of Radiotherapy. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 204	6.1	26
35	Stimulation of ALK by the growth factor midkine renders glioma cells resistant to autophagy-mediated cell death. <i>Autophagy</i> , 2011 , 7, 1071-3	10.2	24
34	Anticonvulsant and neurotoxic effects of intracerebroventricular injection of phenytoin, phenobarbital and carbamazepine in an amygdala-kindling model of epilepsy in the rat. <i>Epilepsy Research</i> , 1999 , 33, 159-67	3	24
33	The Effect of Fibrin Glue Patch in an In vitro Model of Postdural Puncture Leakage. <i>Anesthesia and Analgesia</i> , 1998 , 87, 1125-1128	3.9	21
32	Stereotactic radiosurgery may be effective in the treatment of idiopathic epilepsy: report on the methods and results in a series of eleven cases. <i>Stereotactic and Functional Neurosurgery</i> , 1994 , 63, 271-9	1.6	21

31	Cortical plasticity catalyzed by prehabilitation enables extensive resection of brain tumors in eloquent areas. <i>Journal of Neurosurgery</i> , 2017 , 126, 1323-1333	3.2	19
30	In vivo porcine training model for cranial neurosurgery. <i>Neurosurgical Review</i> , 2015 , 38, 157-63; discussion 163	3.9	14
29	Scalp Metastases of Recurrent Meningiomas: Aggressive Behavior or Surgical Seeding?. <i>World Neurosurgery</i> , 2015 , 84, 121-31	2.1	14
28	Tractographical model of the cortico-basal ganglia and corticothalamic connections: Improving Our Understanding of Deep Brain Stimulation. <i>Clinical Anatomy</i> , 2016 , 29, 481-92	2.5	12
27	Stimulation of the Tractography-Defined Subthalamic Nucleus Regions Correlates With Clinical Outcomes. <i>Neurosurgery</i> , 2019 , 85, E294-E303	3.2	11
26	Effect of amantadine in minimally conscious state of non-traumatic etiology. <i>Acta Neurochirurgica</i> , 2014 , 156, 1375-7	3	11
25	Deep brain stimulation for obsessive-compulsive disorder: is the side relevant?. <i>Stereotactic and Functional Neurosurgery</i> , 2014 , 92, 31-6	1.6	11
24	Influence of the scalp thickness on the intracranial contribution to rheoencephalography. <i>Physics in Medicine and Biology</i> , 2004 , 49, 4383-94	3.8	10
23	A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2021 , 90, 701-713	7.9	10
22	rTMS stimulation to induce plastic changes at the language motor area in a patient with a left recidivant brain tumor affecting Broca's area. <i>Neurocase</i> , 2012 , 18, 132-8	0.8	9
21	Injection of embryonic median ganglionic eminence cells or fibroblasts within the amygdala in rats kindled from the piriform cortex. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010 , 19, 461-6	3.2	9
20	High-frequency cortical subdural stimulation enhanced plasticity in surgery of a tumor in Broca's area. <i>NeuroReport</i> , 2012 , 23, 304-9	1.7	9
19	Continuous bilateral infusion of GABA in the dorsomedian nucleus of the thalamus elevates the generalized seizure threshold in amygdala-kindled rats. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009 , 18, 537-40	3.2	9
18	Morphological MRI-based features provide pretreatment survival prediction in glioblastoma. <i>European Radiology</i> , 2019 , 29, 1968-1977	8	9
17	Biohybrids of scaffolding hyaluronic acid biomaterials plus adipose stem cells home local neural stem and endothelial cells: Implications for reconstruction of brain lesions after stroke. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019 , 107, 1598-1606	3.5	9
16	Morphologic Features on MR Imaging Classify Multifocal Glioblastomas in Different Prognostic Groups. <i>American Journal of Neuroradiology</i> , 2019 , 40, 634-640	4.4	8
15	Simultaneous Stimulation of the Globus Pallidus Interna and the Nucleus Basalis of Meynert in the Parkinson-Dementia Syndrome. <i>Dementia and Geriatric Cognitive Disorders</i> , 2019 , 47, 19-28	2.6	7
14	Continuous intra-amygdalar infusion of GABA in the amygdala kindling model of epilepsy in rat. <i>Epilepsy Research</i> , 2004 , 58, 19-26	3	7

13	abscess of the cerebellum in an immunocompetent patient: A case report and review of the literature. <i>Journal of Innovative Optical Health Sciences</i> , 2016 , 11, 454	1.2	6
12	Neural tissue regeneration in experimental brain injury model with channeled scaffolds of acrylate copolymers. <i>Neuroscience Letters</i> , 2015 , 598, 96-101	3.3	5
11	Olfactory ensheathing glia enhances reentry of axons into the brain from peripheral nerve grafts bridging the substantia nigra with the striatum. <i>Neuroscience Letters</i> , 2011 , 494, 104-8	3.3	5
10	Improved technique for stereotactic placement of nerve grafts between two locations inside the rat brain. <i>Journal of Neuroscience Methods</i> , 2008 , 174, 194-201	3	5
9	Evaluation of the Safety and Efficacy of the Therapeutic Potential of Adipose-Derived Stem Cells Injected in the Cerebral Ischemic Penumbra. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018 , 27, 2453-2465	2.8	4
8	Occipital cortex activation by long-term repetitive tactile stimulation is necessary for object recognition in blinds: a case report. <i>Neurocase</i> , 2014 , 20, 273-82	0.8	4
7	Particles Containing Cells as a Strategy to Promote Remyelination in Patients With Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020 , 11, 638	4.1	3
6	One-dimensional migration of olfactory ensheathing cells on synthetic materials: experimental and numerical characterization. <i>Cell Biochemistry and Biophysics</i> , 2013 , 65, 21-36	3.2	3
5	Combined thoracotomy and laminectomy for spinal cavernomas with intrathoracic growth. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2004 , 3, 76-8	1.8	3
4	Comparative Study Between Uniportal Full-Endoscopic Interlaminar and Tubular Approach in the Treatment of Lumbar Spinal Stenosis: A Pilot Study. <i>Global Spine Journal</i> , 2020 , 10, 70S-78S	2.7	2
3	A ventromedial prefrontal dysrhythmia in obsessive-compulsive disorder is attenuated by nucleus accumbens deep brain stimulation. <i>Brain Stimulation</i> , 2021 , 14, 761-770	5.1	2
2	Nucleus Accumbens Stimulation Modulates Inhibitory Control by Right Prefrontal Cortex Activation in Obsessive-Compulsive Disorder. <i>Cerebral Cortex</i> , 2021 , 31, 2742-2758	5.1	
1	Directional DBS of the Fornix in Alzheimer's Disease Achieves Long-Term Benefits: A Case Report.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 809972	5.3	