Juan Barcia

List of Publications by Year in Descending Order

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	Directional DBS of the Fornix in Alzheimer's Disease Achieves Long-Term Benefits: A Case Report.. *Frontiers in Aging Neuroscience*, **2022**, 14, 809972	5.3	
47	A Unified Functional Network Target for Deep Brain Stimulation in Obsessive-Compulsive Disorder. *Biological Psychiatry*, **2021**, 90, 701-713	7.9	10
46	A ventromedial prefrontal dysrhythmia in obsessive-compulsive disorder is attenuated by nucleus accumbens deep brain stimulation. *Brain Stimulation*, **2021**, 14, 761-770	5.1	2
45	Nucleus Accumbens Stimulation Modulates Inhibitory Control by Right Prefrontal Cortex Activation in Obsessive-Compulsive Disorder. *Cerebral Cortex*, **2021**, 31, 2742-2758	5.1	
44	Comparative Study Between Uniportal Full-Endoscopic Interlaminar and Tubular Approach in the Treatment of Lumbar Spinal Stenosis: A Pilot Study. *Global Spine Journal*, **2020**, 10, 70S-78S	2.7	2
43	Particles Containing Cells as a Strategy to Promote Remyelination in Patients With Multiple Sclerosis. *Frontiers in Neurology*, **2020**, 11, 638	4.1	3
42	A unified connectomic target for deep brain stimulation in obsessive-compulsive disorder. *Nature Communications*, **2020**, 11, 3364	17.4	95
41	Simultaneous Stimulation of the Globus Pallidus Interna and the Nucleus Basalis of Meynert in the Parkinson-Dementia Syndrome. *Dementia and Geriatric Cognitive Disorders*, **2019**, 47, 19-28	2.6	7
40	Stimulation of the Tractography-Defined Subthalamic Nucleus Regions Correlates With Clinical Outcomes. *Neurosurgery*, **2019**, 85, E294-E303	3.2	11
39	Human Mesenchymal Stem Cells Prevent Neurological Complications of Radiotherapy. *Frontiers in Cellular Neuroscience*, **2019**, 13, 204	6.1	26
38	Morphologic Features on MR Imaging Classify Multifocal Glioblastomas in Different Prognostic Groups. *American Journal of Neuroradiology*, **2019**, 40, 634-640	4.4	8
37	Personalized striatal targets for deep brain stimulation in obsessive-compulsive disorder. *Brain Stimulation*, **2019**, 12, 724-734	5.1	39
36	Morphological MRI-based features provide pretreatment survival prediction in glioblastoma. *European Radiology*, **2019**, 29, 1968-1977	8	9
35	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. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2019**, 107, 1598-1606	3.5	9
34	Evaluation of the Safety and Efficacy of the Therapeutic Potential of Adipose-Derived Stem Cells Injected in the Cerebral Ischemic Penumbra. *Journal of Stroke and Cerebrovascular Diseases*, **2018**, 27, 2453-2465	2.8	4
33	Cortical plasticity catalyzed by prehabilitation enables extensive resection of brain tumors in eloquent areas. *Journal of Neurosurgery*, **2017**, 126, 1323-1333	3.2	19
32	Glioblastoma: does the pre-treatment geometry matter? A postcontrast T1 MRI-based study. *European Radiology*, **2017**, 27, 1096-1104	8	29

31	Targeting of the Subthalamic Nucleus for Deep Brain Stimulation: A Survey Among Parkinson Disease Specialists. *World Neurosurgery*, **2017**, 99, 41-46	2.1	36
30	abscess of the cerebellum in an immunocompetent patient: A case report and review of the literature. *Journal of Innovative Optical Health Sciences*, **2016**, 11, 454	1.2	6
29	Tractographical model of the cortico-basal ganglia and corticothalamic connections: Improving Our Understanding of Deep Brain Stimulation. *Clinical Anatomy*, **2016**, 29, 481-92	2.5	12
28	In vivo porcine training model for cranial neurosurgery. *Neurosurgical Review*, **2015**, 38, 157-63; discussion 163	3.9	14
27	Neural tissue regeneration in experimental brain injury model with channeled scaffolds of acrylate copolymers. *Neuroscience Letters*, **2015**, 598, 96-101	3.3	5
26	Scalp Metastases of Recurrent Meningiomas: Aggressive Behavior or Surgical Seeding?. *World Neurosurgery*, **2015**, 84, 121-31	2.1	14
25	Assessment of a method to determine deep brain stimulation targets using deterministic tractography in a navigation system. *Neurosurgical Review*, **2015**, 38, 739-50; discussion 751	3.9	28
24	Occipital cortex activation by long-term repetitive tactile stimulation is necessary for object recognition in blinds: a case report. *Neurocase*, **2014**, 20, 273-82	0.8	4
23	Effect of amantadine in minimally conscious state of non-traumatic etiology. *Acta Neurochirurgica*, **2014**, 156, 1375-7	3	11
22	Deep brain stimulation for obsessive-compulsive disorder: is the side relevant?. *Stereotactic and Functional Neurosurgery*, **2014**, 92, 31-6	1.6	11
21	One-dimensional migration of olfactory ensheathing cells on synthetic materials: experimental and numerical characterization. *Cell Biochemistry and Biophysics*, **2013**, 65, 21-36	3.2	3
20	rTMS stimulation to induce plastic changes at the language motor area in a patient with a left recidivant brain tumor affecting Broca's area. *Neurocase*, **2012**, 18, 132-8	0.8	9
19	Channeled scaffolds implanted in adult rat brain. *Journal of Biomedical Materials Research - Part A*, **2012**, 100, 3276-86	5.4	34
18	High-frequency cortical subdural stimulation enhanced plasticity in surgery of a tumor in Broca's area. *NeuroReport*, **2012**, 23, 304-9	1.7	9
17	Olfactory ensheathing glia enhances reentry of axons into the brain from peripheral nerve grafts bridging the substantia nigra with the striatum. *Neuroscience Letters*, **2011**, 494, 104-8	3.3	5
16	A combined preclinical therapy of cannabinoids and temozolomide against glioma. *Molecular Cancer Therapeutics*, **2011**, 10, 90-103	6.1	185
15	Recruitment of occipital cortex during sensory substitution training linked to subjective experience of seeing in people with blindness. *PLoS ONE*, **2011**, 6, e23264	3.7	42
14	Stimulation of ALK by the growth factor midkine renders glioma cells resistant to autophagy-mediated cell death. *Autophagy*, **2011**, 7, 1071-3	10.2	24

13	Injection of embryonic median ganglionic eminence cells or fibroblasts within the amygdala in rats kindled from the piriform cortex. *Seizure: the Journal of the British Epilepsy Association*, **2010**, 19, 461-6	3.2	9
12	Proper information during the surgical decision-making process lowers the anxiety of patients with high-grade gliomas. *Acta Neurochirurgica*, **2009**, 151, 357-62	3	40
11	Intraventricular and intracerebral delivery of anti-epileptic drugs in the kindling model. *Neurotherapeutics*, **2009**, 6, 337-43	6.4	29
10	Continuous bilateral infusion of GABA in the dorsomedian nucleus of the thalamus elevates the generalized seizure threshold in amygdala-kindled rats. *Seizure: the Journal of the British Epilepsy Association*, **2009**, 18, 537-40	3.2	9
9	Improved technique for stereotactic placement of nerve grafts between two locations inside the rat brain. *Journal of Neuroscience Methods*, **2008**, 174, 194-201	3	5
8	Effect of intracerebroventricular continuous infusion of valproic acid versus single i.p. and i.c.v. injections in the amygdala kindling epilepsy model. *Epilepsy Research*, **2006**, 70, 15-26	3	28
7	Influence of the scalp thickness on the intracranial contribution to rheoencephalography. *Physics in Medicine and Biology*, **2004**, 49, 4383-94	3.8	10
6	Combined thoracotomy and laminectomy for spinal cavernomas with intrathoracic growth. *Interactive Cardiovascular and Thoracic Surgery*, **2004**, 3, 76-8	1.8	3
5	Continuous intra-amygdalar infusion of GABA in the amygdala kindling model of epilepsy in rat. *Epilepsy Research*, **2004**, 58, 19-26	3	7
4	Anticonvulsant and neurotoxic effects of intracerebroventricular injection of phenytoin, phenobarbital and carbamazepine in an amygdala-kindling model of epilepsy in the rat. *Epilepsy Research*, **1999**, 33, 159-67	3	24
3	The Effect of Fibrin Glue Patch in an In vitro Model of Postdural Puncture Leakage. *Anesthesia and Analgesia*, **1998**, 87, 1125-1128	3.9	21
2	Stereotactic radiosurgery for the treatment of low-flow carotid-cavernous fistulae: results in a series of 25 cases. *Stereotactic and Functional Neurosurgery*, **1994**, 63, 266-70	1.6	49
1	Stereotactic radiosurgery may be effective in the treatment of idiopathic epilepsy: report on the methods and results in a series of eleven cases. *Stereotactic and Functional Neurosurgery*, **1994**, 63, 271-9	1.6	21