

Guilherme Lepski

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,122
citations

430874

18
h-index

454955

30
g-index

82
all docs

82
docs citations

82
times ranked

1641
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal Stem Cells Maintain TGF- β -Mediated Chondrogenic Phenotype in Alginate Bead Culture. <i>Tissue Engineering</i> , 2006, 12, 1393-1403.	4.6	116
2	Cell Transplantation for Spinal Cord Injury: A Systematic Review. <i>BioMed Research International</i> , 2013, 2013, 1-32.	1.9	104
3	Deep brain stimulation of the dentate nucleus improves cerebellar ataxia after cerebellar stroke. <i>Neurology</i> , 2015, 85, 2075-2076.	1.1	54
4	cAMP promotes the differentiation of neural progenitor cells in vitro via modulation of voltage-gated calcium channels. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 155.	3.7	53
5	Dorsal Root Ganglion Stimulation (DRGS) for the Treatment of Chronic Neuropathic Pain: A Single-Center Study with Long-Term Prospective Results in 62 Cases. <i>Pain Physician</i> , 2018, 1, E377-E387.	0.4	51
6	Dorsal Root Ganglion Stimulation Used for the Treatment of Chronic Neuropathic Pain in the Groin: A Single-Center Study With Long-Term Prospective Results in 34 Cases. <i>Neuromodulation</i> , 2017, 20, 753-760.	0.8	47
7	MR and CT imaging in the Dyke-Davidoff-Masson syndrome: report of three cases and contribution to pathogenesis and differential diagnosis. <i>Arquivos De Neuro-Psiquiatria</i> , 1998, 56, 803-807.	0.8	42
8	Limited Ca ²⁺ and PKA-pathway dependent neurogenic differentiation of human adult mesenchymal stem cells as compared to fetal neuronal stem cells. <i>Experimental Cell Research</i> , 2010, 316, 216-231.	2.6	37
9	Intraoperative assistive technologies and extent of resection in glioma surgery: a systematic review of prospective controlled studies. <i>Neurosurgical Review</i> , 2015, 38, 217-227.	2.4	29
10	Delayed functional maturation of human neuronal progenitor cells in vitro. <i>Molecular and Cellular Neurosciences</i> , 2011, 47, 36-44.	2.2	27
11	Combined Spinal Cord and Peripheral Nerve Field Stimulation for Persistent Post-Herniorrhaphy Pain. <i>Neuromodulation</i> , 2013, 16, 84-89.	0.8	26
12	Survival and Neuronal Differentiation of Mesenchymal Stem Cells Transplanted into the Rodent Brain Are Dependent upon Microenvironment. <i>Tissue Engineering - Part A</i> , 2010, 16, 2769-2782.	3.1	25
13	Adult stem cells in neural repair: Current options, limitations and perspectives. <i>World Journal of Stem Cells</i> , 2015, 7, 477.	2.8	25
14	Chordoid glioma: Case report and review of the literature. <i>International Journal of Surgery Case Reports</i> , 2015, 7, 168-171.	0.6	24
15	Insular gliomas and the role of intraoperative assistive technologies: Results from a volumetry-based retrospective cohort. <i>Clinical Neurology and Neurosurgery</i> , 2016, 149, 104-110.	1.4	23
16	Prolonged Temozolomide Maintenance Therapy in Newly Diagnosed Glioblastoma. <i>Oncologist</i> , 2017, 22, 570-575.	3.7	23
17	Stem cells in neurology - current perspectives. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 457-465.	0.8	20
18	Safety and Outcomes of Dentate Nucleus Deep Brain Stimulation for Cerebellar Ataxia. <i>Cerebellum</i> , 2022, 21, 861-865.	2.5	20

#	ARTICLE	IF	CITATIONS
19	Residual Upper Arm Motor Function Primes Innervation of Paretic Forearm Muscles in Chronic Stroke after Brain-Machine Interface (BMI) Training. PLoS ONE, 2015, 10, e0140161.	2.5	20
20	Iatrogenic Creutzfeldt-Jakob disease following human growth hormone therapy: case report. Arquivos De Neuro-Psiquiatria, 2002, 60, 458-461.	0.8	18
21	Adult Neurogenesis and Glial Oncogenesis: When the Process Fails. BioMed Research International, 2014, 2014, 1-10.	1.9	18
22	Foramen magnum meningioma: The midline suboccipital subtonsillar approach. Clinical Neurology and Neurosurgery, 2016, 145, 28-34.	1.4	18
23	Petroclival Meningiomas: Factors Determining the Choice of Approach. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, 367-378.	0.8	18
24	Neuronavigation-guided transcranial magnetic stimulation of the dentate nucleus improves cerebellar ataxia: A sham-controlled, double-blind nA=Å1 study. Parkinsonism and Related Disorders, 2015, 21, 999-1001.	2.2	17
25	Neurophysiological Effects of Dorsal Root Ganglion Stimulation (DRGS) in Pain Processing at the Cortical Level. Neuromodulation, 2019, 22, 36-43.	0.8	17
26	Dentate nucleus stimulation in a patient with cerebellar ataxia and tremor after cerebellar stroke: A long-term follow-up. Parkinsonism and Related Disorders, 2019, 60, 173-175.	2.2	17
27	Evaluating cerebellar dentatotomy for the treatment of spasticity with or without dystonia. British Journal of Neurosurgery, 2015, 29, 772-777.	0.8	16
28	Petroclival meningiomas: Remaining controversies in light of minimally invasive approaches. Clinical Neurology and Neurosurgery, 2017, 152, 68-75.	1.4	16
29	Effects of dentate nucleus stimulation in spinocerebellar ataxia type 3. Parkinsonism and Related Disorders, 2019, 69, 91-93.	2.2	15
30	Immunohistochemical comparative analysis of GFAP, MAP â€“ 2, NOGO â€“ A, OLIG â€“ 2 and WT â€“ 1 expression in WHO 2016 classified neuroepithelial tumours and their prognostic value. Pathology Research and Practice, 2018, 214, 15-24.	2.3	14
31	Continuous High-Frequency Stimulation of the Subthalamic Nucleus Improves Cell Survival and Functional Recovery Following Dopaminergic Cell Transplantation in Rodents. Neurorehabilitation and Neural Repair, 2015, 29, 1001-1012.	2.9	11
32	Dorsal Root Ganglion Stimulation (DRGS) for the Treatment of Chronic Neuropathic Pain: A Single-Center Study with Long-Term Prospective Results in 62 Cases. Pain Physician, 2018, 21, E377-E387.	0.4	11
33	Chronic Pain after Spinal Cord Injury: Clinical Characteristics. Stereotactic and Functional Neurosurgery, 2003, 81, 65-69.	1.5	10
34	Safe Resection of Arteriovenous Malformations in Eloquent Motor Areas Aided by Functional Imaging and Intraoperative Monitoring. Operative Neurosurgery, 2012, 70, ons276-ons289.	0.8	10
35	Equivalent Neurogenic Potential of Wild-Type and GFP-Labeled Fetal-Derived Neural Progenitor Cells Before and After Transplantation Into the Rodent Hippocampus. Transplantation, 2011, 91, 390-397.	1.0	10
36	MRI-Based Radiation-Free Method for Navigated Percutaneous Radiofrequency Trigeminal Rhizotomy. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2015, 76, 160-167.	0.8	9

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37	Characterization of traumatic spinal cord injury model in relation to neuropathic pain in the rat. <i>Somatosensory & Motor Research</i> , 2019, 36, 14-23.	0.9	9
38	Pain inhibition through transplantation of fetal neuronal progenitors into the injured spinal cord in rats. <i>Neural Regeneration Research</i> , 2019, 14, 2011.	3.0	9
39	Bulbar Trigeminal Stereotactic Nucleotomectomy for Treatment of Facial Pain. <i>Stereotactic and Functional Neurosurgery</i> , 2003, 81, 37-42.	1.5	8
40	Dentate nucleus stimulation for essential tremor. <i>Parkinsonism and Related Disorders</i> , 2021, 82, 121-122.	2.2	8
41	Clinical presentation, treatment and outcome of patients with cerebral metastases: the University of SÃ£o Paulo series. <i>Arquivos De Neuro-Psiquiatria</i> , 2004, 62, 808-814.	0.8	7
42	Current perspectives in stem cell therapy for spinal cord repair in humans: a review of work from the past 10 years. <i>Arquivos De Neuro-Psiquiatria</i> , 2014, 72, 451-456.	0.8	7
43	Recursive partitioning analysis of factors determining infection after intracranial tumor surgery. <i>Clinical Neurology and Neurosurgery</i> , 2021, 205, 106599.	1.4	7
44	Interstitial Irradiation for CNS Lesions. <i>Stereotactic and Functional Neurosurgery</i> , 2003, 81, 24-29.	1.5	6
45	Increased coherence among striatal regions in the theta range during attentive wakefulness. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 763-770.	1.5	5
46	Meningioma arising in the hypoglossal canal: the midline suboccipital subtonsillar approach. <i>Journal of Surgical Case Reports</i> , 2016, 2016, rjw039.	0.4	5
47	Bleeding risk of small intracranial aneurysms in a population treated in a reference center. <i>Arquivos De Neuro-Psiquiatria</i> , 2019, 77, 300-309.	0.8	5
48	Rapidly progressive paraplegia and pleural empyema: how does that correlate?. <i>General Thoracic and Cardiovascular Surgery</i> , 2013, 61, 640-642.	0.9	4
49	Microvascular decompression of the posterior inferior cerebellar artery for intermediate nerve neuralgia. , 2015, 6, 52.		4
50	Neuroscience Knowledge and Endorsement of Neuromyths among Educators: What Is the Scenario in Brazil?. <i>Brain Sciences</i> , 2022, 12, 734.	2.3	4
51	Microsurgical reconstruction of the cauda equina after traumatic transecting injury. <i>Acta Neurochirurgica</i> , 2014, 156, 1341-1344.	1.7	3
52	Reoperation for recurrent glioblastomas: What to expect?. , 2021, 12, 42.		3
53	What Does the General Public Know (or Not) About Neuroscience? Effects of Age, Region and Profession in Brazil. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 798967.	2.0	3
54	Intracerebral bullet embolism: a rare cause of ischemic stroke. <i>Journal of Neurosurgery</i> , 2008, 109, 1126.	1.6	2

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55	cAMP promotes differentiation of rodent neuronal progenitor cells. <i>Stem Cell Studies</i> , 2011, 1, 9.	0.2	2
56	What do we know about the neurogenic potential of different stem cell types?. <i>Arquivos De Neuro-Psiquiatria</i> , 2012, 70, 540-546.	0.8	2
57	Epidural Hematoma: A Prospective Analysis of Morbidity and Mortality in 173 Patients. <i>Brazilian Neurosurgery</i> , 2015, 34, 020-024.	0.1	2
58	Long-Term Outcome of Dentatotomy in a Dystonic Patient. <i>Brazilian Neurosurgery</i> , 2016, 35, 307-309.	0.1	2
59	Holossomatic Allodynia: Clinical Description of a Novel Presentation of Neuropathic Pain. <i>Pain Medicine</i> , 2014, 15, 479-480.	1.9	1
60	Electrophysiological predictors of hearing deterioration based on AEP monitoring during petroclival meningioma resection. <i>Neurosurgical Review</i> , 2021, 44, 1601-1609.	2.4	1
61	Reply: Intracranial aneurysm diameter and risk of rupture. <i>Arquivos De Neuro-Psiquiatria</i> , 2019, 77, 840-840.	0.8	1
62	Transplantation of GABAergic precursors into the spinal cord to alleviate neuropathic pain. <i>Annals of Palliative Medicine</i> , 2020, 9, 2437-2441.	1.2	0
63	Retrospective analysis of prognostic factors in patients undergoing surgical resection for multiple brain metastases.. <i>Journal of Clinical Oncology</i> , 2014, 32, e20551-e20551.	1.6	0
64	Simple Retrosigmoid and 180 Degrees Reverse Kawase Approach for Petroclival Meningiomas: Clinical Series and Assessment of Perioperative Morbidity. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2014, 75, .	0.8	0
65	Perspectivas de terapia celular em neurologia. , 2015, 94, 230.	0.1	0
66	Intraoperative assistive technologies and insular gliomas surgery: Results from a volumetry-based retrospective cohort.. <i>Journal of Clinical Oncology</i> , 2016, 34, e13525-e13525.	1.6	0
67	Do cyclin e levels correlate with recurrence in meningioma? Results from an observational study.. <i>Journal of Clinical Oncology</i> , 2016, 34, e23123-e23123.	1.6	0
68	Amaurose transitória pós-cirurgia da coluna cervical. <i>Jbnc - Jornal Brasileiro De Neurocirurgia</i> , 2018, 22, 86-89.	0.0	0
69	Preoperative Karnofsky Performance Scale score is the best prognostic factor in patients with multiple brain metastases. <i>Brazilian Neurosurgery</i> , 2018, 37, .	0.1	0
70	Zika Virus Infection Seems to Impact Overall Survival in Operated Glioblastoma Patients Submitted to Stupp Protocol. <i>Brazilian Neurosurgery</i> , 2018, 37, .	0.1	0
71	A ressonância magnética funcional traz benefício no planejamento cirúrgico para tumores cerebrais em áreas críticas?. , 2018, 37, .		0
72	Electrophysiological Predictors of Hearing Deterioration Based on AEP Monitoring During the Posterior Fossa Approach for the Surgical Resection of Petroclival Meningiomas. <i>Brazilian Neurosurgery</i> , 2018, 37, .	0.1	0

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73	Restoration of Laser Evoked Potentials (LEP) in Patients Receiving Dorsal Root Ganglion (DRG) Stimulation. Brazilian Neurosurgery, 2018, 37, .	0.1	0
74	Estimulaç�o do n�cleo dentado do cerebelo: viabilidade t�cnica e resultados preliminares do tratamento dos movimentos anormais e da incoordenaç�o motora e da marcha em pacientes com s�ndromes cerebelares refrat�rias ao tratamento convencional. , 2018, 37, .		0
75	D-Wave, and Not SEP or MEP, Is the Best Electrophysiological Predictor of Postoperative Deficit after Surgery for Spinal Cord Tumors. , 2018, 37, .		0
76	Implementaç�o de um algoritmo di�rio para alta hospitalar precoce ap�s ressecç�o de tumor cerebral. , 2018, 37, .		0
77	Is there a role for reoperation in the management of glioblastoma?. Brazilian Neurosurgery, 2018, 37, .	0.1	0
78	Recursive Partitioning Analysis of Factors Determining Infection after Intracranial Tumor Surgery. Brazilian Neurosurgery, 2018, 37, .	0.1	0
79	Coherence Between the Subthalamic Nucleus and the Primary Motor Cortex in Patients with Parkinson�s Disease. , 2018, 37, .		0
80	Pain Inhibition Through Transplantation of Fetal Neuronal Progenitors into the Injured Spinal Cord in Rats. Brazilian Neurosurgery, 2018, 37, .	0.1	0
81	Laser�evoked potentials recover gradually when using dorsal root ganglion stimulation, and this influences nociceptive pathways in neuropathic pain patients. Pain Practice, 2022, 22, 372-380.	1.9	0