

Rui Vaz

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,430
citations

361045

20
h-index

414034

32
g-index

86
all docs

86
docs citations

86
times ranked

1974
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning curve and complications of minimally invasive transforaminal lumbar interbody fusion. <i>Neurosurgical Focus</i> , 2013, 35, E7.	1.0	90
2	Influence of neutrophilâ€“lymphocyte ratio in prognosis of glioblastoma multiforme. <i>Journal of Neuro-Oncology</i> , 2018, 136, 173-180.	1.4	83
3	Shear viscosity and nonlinear behavior of whole blood under large amplitude oscillatory shear. <i>Biorheology</i> , 2013, 50, 269-282.	1.2	57
4	Thalamic deep brain stimulation for neuropathic pain after amputation or brachial plexus avulsion. <i>Neurosurgical Focus</i> , 2013, 35, E7.	1.0	56
5	Intracranial Aneurysm and Vasculopathy after Surgery and Radiation Therapy for Craniopharyngioma: Case Report. <i>Neurosurgery</i> , 2002, 50, 885-888.	0.6	50
6	Surgical Removal of Giant Acoustic Neuromas. <i>World Neurosurgery</i> , 2012, 77, 731-735.	0.7	47
7	Early Pseudoprogression following Chemoradiotherapy in Glioblastoma Patients: The Value of RANO Evaluation. <i>Journal of Oncology</i> , 2013, 2013, 1-9.	0.6	42
8	Idiopathic Spinal Cord Herniation: Case Report and Literature Review. <i>Acta Neurochirurgica</i> , 2001, 143, 401-406.	0.9	40
9	Thalamic Deep Brain Stimulation for Neuropathic Pain: Efficacy at Three Yearsâ€™ Follow-Up. <i>Neuromodulation</i> , 2017, 20, 504-513.	0.4	40
10	Impact of EGFR Genetic Variants on Glioma Risk and Patient Outcome. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 2610-2617.	1.1	37
11	Effects of the functional HOTAIR rs920778 and rs12826786 genetic variants in glioma susceptibility and patient prognosis. <i>Journal of Neuro-Oncology</i> , 2017, 132, 27-34.	1.4	36
12	Ultrastructural study of brain microvessels in patients with traumatic cerebral contusions. <i>Acta Neurochirurgica</i> , 1997, 139, 215-220.	0.9	34
13	Glioblastoma: Is There Any Blood Biomarker with True Clinical Relevance?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5809.	1.8	33
14	Cerebral edema associated with meningiomas: the role of peritumoral brain tissue. <i>Journal of Neuro-Oncology</i> , 1998, 36, 285-291.	1.4	30
15	Parkinson's disease assessment based on gait analysis using an innovative RGB-D camera system. , 2014, 2014, 3126-9.		30
16	Kinect v2 based system for Parkinson's disease assessment. , 2015, 2015, 1279-82.		30
17	The galea frontalis myofascial flap in anterior fossa CSF leaks. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 1993, 46, 503-507.	1.1	29
18	Early deep brain stimulation in patients with myoclonus-dystonia syndrome. <i>Journal of Clinical Neuroscience</i> , 2016, 27, 17-21.	0.8	29

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19	Suicide Attempts after Subthalamic Nucleus Stimulation for Parkinson's Disease. <i>European Neurology</i> , 2010, 63, 176-179.	0.6	27
20	Transcranial Doppler and brain death. <i>Transplantation Proceedings</i> , 2000, 32, 2579-2581.	0.3	23
21	Rheological behavior of human blood in uniaxial extensional flow. <i>Journal of Rheology</i> , 2018, 62, 447-456.	1.3	22
22	Juvenile psammomatoid ossifying fibroma of the orbit and paranasal sinuses. A case report. <i>Acta Neurochirurgica</i> , 2011, 153, 1983-1988.	0.9	21
23	Endoscopic Third Ventriculostomy for the Treatment of Hydrocephalus in a Pediatric Population with Myelomeningocele. <i>World Neurosurgery</i> , 2017, 105, 163-169.	0.7	21
24	Modulation of nutritional state in Parkinsonian patients with bilateral subthalamic nucleus stimulation. <i>Journal of Neurology</i> , 2009, 256, 2072-2078.	1.8	20
25	Successful pallidal deep brain stimulation in 15-year-old with Tourette syndrome: 2-year follow-up. <i>Journal of Neurology</i> , 2013, 260, 2417-2419.	1.8	20
26	Endoscopic third ventriculostomy in the management of hydrocephalus: Outcome analysis of 168 consecutive procedures. <i>Clinical Neurology and Neurosurgery</i> , 2014, 126, 130-136.	0.6	19
27	Experimental Traumatic Cerebral Contusion: Morphological Study of Brain Microvessels and Characterization of the Oedema. <i>Acta Neurochirurgica</i> , 1998, 140, 76-81.	0.9	18
28	Trans-lamina terminalis approach for third ventricle and suprasellar tumours. <i>Clinical Neurology and Neurosurgery</i> , 2013, 115, 1745-1752.	0.6	18
29	Intraoperative brain oxygenation monitoring and vasospasm in aneurysmal subarachnoid hemorrhage. <i>Neurological Research</i> , 2012, 34, 181-186.	0.6	17
30	The role of c-Met and VEGFR2 in glioblastoma resistance to bevacizumab. <i>Scientific Reports</i> , 2021, 11, 6067.	1.6	17
31	Predictive value of intraoperative neurophysiologic monitoring in assessing long-term facial function in grade IV vestibular schwannoma removal. <i>Acta Neurochirurgica</i> , 2015, 157, 1991-1998.	0.9	16
32	Utility of Smartphone-based real-time report (Ecological Momentary Assessment) in the assessment and monitoring of awake bruxism: A multiple-week interval study in a Portuguese population of university students. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 1307-1313.	1.3	16
33	Endoscopic re-opening of third ventriculostomy: Case series and review of literature. <i>Clinical Neurology and Neurosurgery</i> , 2016, 145, 58-63.	0.6	15
34	Monitoring of brain oxygenation in surgery of ruptured middle cerebral artery aneurysms. , 2011, 2, 70.		15
35	Long-Term Mortality Analysis in Parkinson's Disease Treated with Deep Brain Stimulation. <i>Parkinson's Disease</i> , 2014, 2014, 1-5.	0.6	14
36	Immunoglobulin genes implicated in glioma risk. <i>Oncolmmunology</i> , 2014, 3, e28609.	2.1	14

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37	Anatomical variations of the vein of LabbÃ©: an angiographic study. <i>Surgical and Radiologic Anatomy</i> , 2014, 36, 769-773.	0.6	14
38	Impact of TGF-Î²1Î±509C/T and 869T/C polymorphisms on glioma risk and patient prognosis. <i>Tumor Biology</i> , 2015, 36, 6525-6532.	0.8	13
39	How Does Minimally Invasive Transforaminal Lumbar Interbody Fusion Influence Lumbar Radiologic Parameters?. <i>World Neurosurgery</i> , 2018, 116, e895-e902.	0.7	13
40	Twiddler (or Not) Syndrome: Questioning etiology for an uncommon form of hardware malfunction in deep brain stimulation. , 2014, 5, 410.		12
41	Age-Related Phenotypic Alterations in Cells Isolated From Human Degenerated Intervertebral Discs With Contained Hernias. <i>Spine</i> , 2018, 43, E274-E284.	1.0	12
42	Porencephalic cyst in pycnodysostosis.. <i>Journal of Medical Genetics</i> , 1989, 26, 782-784.	1.5	11
43	Effect of Mechanogated Membrane Ion Channel Blockers on Experimental Traumatic Brain Oedema. <i>Acta Neurochirurgica</i> , 1998, 140, 371-375.	0.9	11
44	Transient Disabling Dyskinesias: A Predictor of Good Outcome in Subthalamic Nucleus Deep Brain Stimulation in Parkinsonâ€™s Disease. <i>European Neurology</i> , 2009, 61, 94-99.	0.6	11
45	One-step tunneling of DBS extensionsâ€™a technical note. <i>Acta Neurochirurgica</i> , 2013, 155, 837-840.	0.9	11
46	Combined endonasal and neurosurgical resection of a congenital teratoma with pharyngeal, intracranial and orbital extension: Case report, surgical technique and review of the literature. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2015, 79, 1991-1994.	0.4	11
47	Epithelioid hemangioendothelioma and multiple thoraco-lumbar lateral meningoceles: two rare pathological entities in a patient with NF-1. <i>Neuroradiology</i> , 2005, 47, 165-169.	1.1	10
48	Anxiety and depression risk in patients with allergic rhinitis: a systematic review and meta-analysis. <i>Rhinology</i> , 2021, 59, 0-0.	0.7	10
49	Long-term clinical and radiological follow-up after laminectomy for cervical spondylotic myelopathy. , 2015, 6, 162.		10
50	Traumatic interhemispheric subdural haematomas. <i>Acta Neurochirurgica</i> , 1991, 111, 128-131.	0.9	9
51	Deep Brain Stimulation of the Subthalamic Nucleus for Parkinsonâ€™s Disease in a Patient with HIV Infection: Dual Clinical Benefit. <i>Case Reports in Neurology</i> , 2011, 3, 219-222.	0.3	9
52	Genetic variants of vascular endothelial growth factor predict risk and survival of gliomas. <i>Tumor Biology</i> , 2018, 40, 101042831876627.	0.8	9
53	Replication of GWAS identifies RTEL1, CDKN2A/B, and PHLDB1 SNPs as risk factors in Portuguese gliomas patients. <i>Molecular Biology Reports</i> , 2020, 47, 877-886.	1.0	9
54	Regional variations in brain oxygenation during temporary clipping in aneurysm surgery. <i>Neurological Research</i> , 2012, 34, 971-976.	0.6	8

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55	Ossifying Fibromas of the Craniofacial Skeleton. , 0, , .		8
56	Midline lumbar interbody fusion (MIDLIF) with cortical screws: initial experience and learning curve. Acta Neurochirurgica, 2019, 161, 2415-2420.	0.9	8
57	Intracerebral abscess: A rare complication of deep brain stimulation. Neurocirugia, 2013, 24, 33-36.	0.2	7
58	Long term mortality of patients with Parkinson's disease treated with deep brain stimulation in a reference center. Clinical Neurology and Neurosurgery, 2021, 202, 106486.	0.6	7
59	Thalamic deep brain stimulation for post-traumatic neuropathic limb pain: Efficacy at five years' follow-up and effective volume of activated brain tissue. Neurochirurgie, 2022, 68, 52-60.	0.6	7
60	Monitoring of brain tissue oxygenation in surgery of middle cerebral artery incidental aneurysms. , 2011, 2, 37.		7
61	Role of ^{18}F -FDG PET/CT in the Management of Infection following Deep Brain Stimulation Surgery. Neurology Research International, 2011, 2011, 1-8.	0.5	6
62	Urinary profile of catecholamines and metabolites in Parkinson patients with deep brain stimulation. European Journal of Neurology, 2014, 21, 353-356.	1.7	6
63	Reversion of phenotype of endothelial cells in brain tissue around glioblastomas. Journal of Neuro-Oncology, 1996, 27, 127-32.	1.4	5
64	Acute renal failure in patients with bilateral deep brain stimulation. Movement Disorders, 2010, 25, 2462-2464.	2.2	5
65	Epithelioid sarcoma of the spine: Case report and literature review. Neurocirugia, 2014, 25, 179-182.	0.2	5
66	Can We Assess the Success of Surgery for Degenerative Spinal Diseases Using Patients' Recall of Their Preoperative Status?. World Neurosurgery, 2018, 115, e768-e773.	0.7	5
67	The impact of deep brain stimulation on health related quality of life and disease-specific disability in Meige Syndrome (MS). Clinical Neurology and Neurosurgery, 2018, 171, 53-57.	0.6	5
68	How accurate is fluoroscopy-guided percutaneous pedicle screw placement in minimally invasive TLIF?. Clinical Neurology and Neurosurgery, 2021, 205, 106623.	0.6	5
69	The Importance of the Temporary Clip Removal Phase on Exposure to Hypoxia: On-Line Measurement of Temporal Lobe Oxygen Levels During Surgery for Middle Cerebral Artery Aneurysms. Neurosurgery, 2022, Publish Ahead of Print, .	0.6	4
70	Spinal intramedullary ependymal cyst " Current concepts for diagnosis and surgical management. British Journal of Neurosurgery, 2014, 28, 406-407.	0.4	3
71	The Effects of Temporary Clipping as an Expression of Circulatory Individuality: Online Measurement of Temporal Lobe Oxygen Levels During Surgery for Middle Cerebral Artery Aneurysms. World Neurosurgery, 2021, 152, e765-e775.	0.7	3
72	Clival meningioma presenting with respiratory arrest. Acta Neurochirurgica, 2011, 153, 1509-1510.	0.9	2

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73	Bilateral sciatic neuropathy due to fibrous bands in a patient with severe traumatic brain injury. <i>Clinical Neurology and Neurosurgery</i> , 2014, 120, 93-95.	0.6	2
74	Predictors of Poor Outcome in Patients Submitted to Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>World Neurosurgery</i> , 2018, 119, 488-493.	0.7	2
75	Correlation between clinical outcomes and spinopelvic parameters in patients with lumbar stenosis undergoing decompression surgery. <i>European Spine Journal</i> , 2021, 30, 928-935.	1.0	2
76	Late postoperative myelomalacic myelopathy. <i>Spinal Cord</i> , 2015, 53, S27-S29.	0.9	1
77	Early atypical malignant transformation of diffuse low-grade astrocytoma: The importance of genotyping. <i>Neurocirurgia</i> , 2022, 33, 31-34.	0.2	1
78	983 DEEP BRAIN STIMULATION FOR NEUROPATHIC PAIN. <i>European Journal of Pain</i> , 2009, 13, S276c.	1.4	0
79	Correc�o de escoliose lombar degenerativa por t�cnica minimamente invasiva. <i>Coluna/ Columna</i> , 2012, 11, 326-328.	0.0	0
80	Follow-up of renal function in Parkinson patients with bilateral deep brain stimulation. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 836-837.	1.1	0
81	Decompressive craniectomy for massive internal carotid artery infarction after pediatric penetrating neck trauma. <i>Acta Neurochirurgica</i> , 2015, 157, 2093-2097.	0.9	0
82	Treatment of old cervical bilateral facet dislocation: Case report and literature review. <i>Neurocirurgia</i> , 2020, 31, 253-258.	0.2	0
83	Early atypical malignant transformation of diffuse low-grade astrocytoma: The importance of genotyping. <i>Neurocirug�a (English Edition)</i> , 2022, 33, 31-34.	0.1	0