

Elsa Azevedo

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.

93
papers

2,983
citations

22
h-index

53
g-index

106
ext. papers

3,580
ext. citations

5
avg, IF

4.81
L-index

#	Paper	IF	Citations
93	Rapid blood-pressure lowering in patients with acute intracerebral hemorrhage. <i>New England Journal of Medicine</i> , 2013 , 368, 2355-65	59.2	988
92	General anaesthesia versus local anaesthesia for carotid surgery (GALA): a multicentre, randomised controlled trial. <i>Lancet, The</i> , 2008 , 372, 2132-42	40	395
91	Citicoline in the treatment of acute ischaemic stroke: an international, randomised, multicentre, placebo-controlled study (ICTUS trial). <i>Lancet, The</i> , 2012 , 380, 349-57	40	171
90	Intravenous alteplase for stroke in those older than 80 years old. <i>Stroke</i> , 2010 , 41, 2568-74	6.7	129
89	Diagnosis of stroke by the nonneurologist. A validation study. <i>Stroke</i> , 1998 , 29, 1106-9	6.7	79
88	Segmentation of the carotid intima-media region in B-mode ultrasound images. <i>Image and Vision Computing</i> , 2010 , 28, 614-625	3.7	68
87	Hemorrhagic transformation and cerebral edema in acute ischemic stroke: Link to cerebral autoregulation. <i>Journal of the Neurological Sciences</i> , 2017 , 372, 256-261	3.2	58
86	Cerebral Autoregulation in Stroke. <i>Current Atherosclerosis Reports</i> , 2018 , 20, 37	6	57
85	Clinical improvement in patients with orthostatic intolerance after treatment with bisoprolol and fludrocortisone. <i>Clinical Autonomic Research</i> , 2000 , 10, 293-9	4.3	55
84	Predictors for Cerebral Edema in Acute Ischemic Stroke Treated With Intravenous Thrombolysis. <i>Stroke</i> , 2017 , 48, 2464-2471	6.7	47
83	Efficacy of Cerebral Autoregulation in Early Ischemic Stroke Predicts Smaller Infarcts and Better Outcome. <i>Frontiers in Neurology</i> , 2017 , 8, 113	4.1	46
82	Ultrasound and dynamic functional imaging in vascular cognitive impairment and Alzheimer's disease. <i>BMC Medicine</i> , 2017 , 15, 27	11.4	41
81	Intracranial arterial stenosis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, 599-609	2.8	38
80	A novel automatic algorithm for the segmentation of the lumen of the carotid artery in ultrasound B-mode images. <i>Expert Systems With Applications</i> , 2013 , 40, 6570-6579	7.8	37
79	Segmentation of ultrasound images of the carotid using RANSAC and cubic splines. <i>Computer Methods and Programs in Biomedicine</i> , 2011 , 101, 94-106	6.9	36
78	Cold: a risk factor for stroke?. <i>Journal of Neurology</i> , 1995 , 242, 217-21	5.5	36
77	Autonomic dysfunction affects cerebral neurovascular coupling. <i>Clinical Autonomic Research</i> , 2011 , 21, 395-403	4.3	34

76	Interplay of cerebral autoregulation and neurovascular coupling evaluated by functional TCD in different orthostatic conditions. <i>Journal of Neurology</i> , 2007 , 254, 236-41	5.5	34
75	Neuroimaging and clinical outcomes of oral anticoagulant-associated intracerebral hemorrhage. <i>Annals of Neurology</i> , 2018 , 84, 694-704	9.4	30
74	Demographic and Systemic Hemodynamic Influences in Mechanisms of Cerebrovascular Regulation in Healthy Adults. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017 , 26, 500-508	2.8	27
73	Autonomic dysfunction affects dynamic cerebral autoregulation during Valsalva maneuver: comparison between healthy and autonomic dysfunction subjects. <i>Journal of Applied Physiology</i> , 2014 , 117, 205-13	3.7	26
72	Toward hemodynamic diagnosis of carotid artery stenosis based on ultrasound image data and computational modeling. <i>Medical and Biological Engineering and Computing</i> , 2014 , 52, 971-983	3.1	25
71	An injectable implant to stimulate the sphenopalatine ganglion for treatment of acute ischaemic stroke up to 24 h from onset (ImpACT-24B): an international, randomised, double-blind, sham-controlled, pivotal trial. <i>Lancet, The</i> , 2019 , 394, 219-229	4.0	22
70	Estimated GFR and the Effect of Intensive Blood Pressure Lowering After Acute Intracerebral Hemorrhage. <i>American Journal of Kidney Diseases</i> , 2016 , 68, 94-102	7.4	22
69	Chronic kidney disease and poor outcomes in ischemic stroke: is impaired cerebral autoregulation the missing link?. <i>BMC Neurology</i> , 2018 , 18, 21	3.1	22
68	Stroke and multiple peripheral thrombotic events in an adult with varicella. <i>European Journal of Neurology</i> , 2008 , 15, e90-1	6	21
67	Periodontitis and atherosclerosis: an observational study. <i>Journal of Periodontal Research</i> , 2013 , 48, 452-7.3	7.3	20
66	Transcranial Doppler and brain death. <i>Transplantation Proceedings</i> , 2000 , 32, 2579-81	1.1	20
65	Neutrophil-to-Lymphocyte Ratio Predicts Cerebral Edema and Clinical Worsening Early After Reperfusion Therapy in Stroke. <i>Stroke</i> , 2021 , 52, 859-867	6.7	18
64	Hemodynamic, autonomic and neurohormonal behaviour of familial amyloidotic polyneuropathy and neurally mediated syncope patients during supine and orthostatic stress. <i>International Journal of Cardiology</i> , 2007 , 116, 242-8	3.2	16
63	Autonomic dysfunction in multiple sclerosis is better detected by heart rate variability and is not correlated with central autonomic network damage. <i>Journal of the Neurological Sciences</i> , 2016 , 367, 133-7 ²	3.7 ²	15
62	Functional transcranial Doppler: presymptomatic changes in Fabry disease. <i>European Neurology</i> , 2012 , 67, 331-7	2.1	15
61	Computational simulation of carotid stenosis and flow dynamics based on patient ultrasound data - A new tool for risk assessment and surgical planning. <i>Advances in Medical Sciences</i> , 2016 , 61, 32-9	2.8	14
60	The usefulness of the head-up tilt test in patients with suspected epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014 , 23, 367-70	3.2	14
59	Deep brain stimulation does not change neurovascular coupling in non-motor visual cortex: an autonomic and visual evoked blood flow velocity response study. <i>Parkinsonism and Related Disorders</i> , 2010 , 16, 600-3	3.6	14

58	SARS-CoV-2 and Stroke Characteristics: A Report From the Multinational COVID-19 Stroke Study Group. <i>Stroke</i> , 2021 , 52, e117-e130	6.7	14
57	POST-NOAC: Portuguese observational study of intracranial hemorrhage on non-vitamin K antagonist oral anticoagulants. <i>International Journal of Stroke</i> , 2017 , 12, 623-627	6.3	13
56	Non-aneurysmal spontaneous subarachnoid hemorrhage: perimesencephalic versus non-perimesencephalic. <i>Revista Brasileira De Terapia Intensiva</i> , 2016 , 28, 141-6	1.2	13
55	Impact of Transcranial Doppler Ultrasound on Logistics and Outcomes in Stroke Thrombolysis: Results From the SITS-ISTR. <i>Stroke</i> , 2018 , 49, 1695-1700	6.7	13
54	Atrial Fibrillation as an Ischemic Stroke Clinical and Economic Burden Modifier: A 15-Year Nationwide Study. <i>Value in Health</i> , 2017 , 20, 1083-1091	3.3	11
53	Phytoestrogens as a risk factor for cerebral sinus thrombosis. <i>Cerebrovascular Diseases</i> , 2005 , 20, 137-8	3.2	11
52	Systemic inflammation status at admission affects the outcome of intracerebral hemorrhage by increasing perihematomal edema but not the hematoma growth. <i>Acta Neurologica Belgica</i> , 2021 , 121, 649-659	1.5	11
51	Reversible cerebral vasoconstriction syndrome - A narrative revision of the literature. <i>Porto Biomedical Journal</i> , 2016 , 1, 65-71	1.1	10
50	Haemodynamic conditions of patient-specific carotid bifurcation based on ultrasound imaging. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , 2014 , 2, 157-166	0.9	10
49	Microemboli After Successful Thrombectomy Do Not Affect Outcome but Predict New Embolic Events. <i>Stroke</i> , 2020 , 51, 154-161	6.7	10
48	Practice recommendations for neurovascular ultrasound investigations of acute stroke patients in the setting of the COVID-19 pandemic: an expert consensus from the European Society of Neurosonology and Cerebral Hemodynamics. <i>European Journal of Neurology</i> , 2020 , 27, 1776-1780	6	9
47	Adaptation of cerebral pressure-velocity hemodynamic changes of neurovascular coupling to orthostatic challenge. <i>Perspectives in Medicine</i> , 2012 , 1, 290-296		9
46	Automatic segmentation of the lumen of the carotid artery in ultrasound B-mode images 2013 ,		9
45	A new pattern of arterial rete compensation of segmental basilar agenesis associated with carotid retia mirabilia: a case report (2010: 1b). <i>European Radiology</i> , 2010 , 20, 1024-8	8	9
44	Reversible sympathetic vasomotor dysfunction in POTS patients. <i>Revista Portuguesa De Cardiologia</i> , 2000 , 19, 1163-70	1	9
43	Primary involvement of neurovascular coupling in cerebral autosomal-dominant arteriopathy with subcortical infarcts and leukoencephalopathy. <i>Journal of Neurology</i> , 2019 , 266, 1782-1788	5.5	8
42	Probable exacerbation of myasthenia gravis by ofloxacin. <i>Journal of Neurology</i> , 1993 , 240, 508	5.5	8
41	Association between age at disease onset of anti-neutrophil cytoplasmic antibody-associated vasculitis and clinical presentation and short-term outcomes. <i>Rheumatology</i> , 2021 , 60, 617-628	3.9	8

40	Automatic Lumen Detection on Longitudinal Ultrasound B-Mode Images of the Carotid Using Phase Symmetry. <i>Sensors</i> , 2016 , 16,	3.8	8
39	Autonomic activity and biomarker behavior in supine position and after passive postural stress in different orthostatic intolerance syndromes. <i>Revista Portuguesa De Cardiologia</i> , 2015 , 34, 543-9	1	7
38	Ageing affects the balance between central and peripheral mechanisms of cerebrovascular regulation with increasing influence of systolic blood pressure levels. <i>European Journal of Applied Physiology</i> , 2019 , 119, 519-529	3.4	7
37	Sex Differences in Stroke Incidence in a Portuguese Community-Based Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2018 , 27, 3115-3123	2.8	6
36	Dynamic Cerebral Autoregulation Post Endovascular Thrombectomy in Acute Ischemic Stroke. <i>Brain Sciences</i> , 2020 , 10,	3.4	6
35	Neuro-COVID frequency and short-term outcome in the Northern Portuguese population. <i>European Journal of Neurology</i> , 2021 , 28, 3360-3368	6	6
34	Physiotherapy based on problem-solving in upper limb function and neuroplasticity in chronic stroke patients: A case series. <i>Journal of Evaluation in Clinical Practice</i> , 2018 , 24, 552-560	2.5	5
33	Indexes of cerebral autoregulation do not reflect impairment in syncope: insights from head-up tilt test of vasovagal and autonomic failure subjects. <i>European Journal of Applied Physiology</i> , 2017 , 117, 1817-1831 ⁵	3.4	5
32	Autonomic activity and biomarker behavior in supine position and after passive postural stress in different orthostatic intolerance syndromes. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2015 , 34, 543-549	0	4
31	Numerical study on the hemodynamics of patient-specific carotid bifurcation using a new mesh approach. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2018 , 34, e2972	2.6	4
30	Acute posterior multifocal placoid pigment epitheliopathy presenting with multiple brain and spinal cord infarctions. <i>Journal of the Neurological Sciences</i> , 2016 , 361, 26-8	3.2	4
29	Cerebral vasoconstriction after carotid endarterectomy. <i>Practical Neurology</i> , 2018 , 18, 378-381	2.4	4
28	Heart failure patients have enhanced cerebral autoregulation response in acute ischemic stroke. <i>Journal of Thrombosis and Thrombolysis</i> , 2020 , 50, 753-761	5.1	3
27	Heart rate variability as an assessment of brain death. <i>Transplantation Proceedings</i> , 2000 , 32, 2584-5	1.1	3
26	Simulated hemodynamics in human carotid bifurcation based on Doppler ultrasound data. <i>International Journal of Clinical Neurosciences and Mental Health</i> , 2014 , S15	3	3
25	Readmissions and Mortality During the First Year After Stroke-Data From a Population-Based Incidence Study. <i>Frontiers in Neurology</i> , 2020 , 11, 636	4.1	3
24	Evaluation of Cerebral Microvascular Regulatory Mechanisms with Transcranial Doppler in Fabry Disease. <i>Brain Sciences</i> , 2020 , 10,	3.4	3
23	Cerebral autoregulation ²¹⁵⁻²²⁷		3

22	Patient-Specific Study of a Stenosed Carotid Artery Bifurcation Using Fluid-Structure Interactive Simulation. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018 , 495-503	0.3	3
21	A robust anisotropic edge detection method for carotid ultrasound image processing. <i>Procedia Computer Science</i> , 2018 , 126, 723-732	1.6	3
20	Cerebral Neurovascular Coupling Impairment in Central Serous Chorioretinopathy. <i>Ophthalmic Research</i> , 2020 ,	2.9	2
19	Neurovascular Coupling Is Impaired in Hypertensive and Diabetic Subjects Without Symptomatic Cerebrovascular Disease. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 728007	5.3	2
18	Neurovascular Coupling Impairment in Heart Failure with Reduction Ejection Fraction. <i>Brain Sciences</i> , 2020 , 10,	3.4	2
17	Rapid Assessment of Blood Pressure Variability and Outcome After Successful Thrombectomy. <i>Stroke</i> , 2021 , 52, e531-e535	6.7	2
16	Optical Flow Based Approach for Automatic Cardiac Cycle Estimation in Ultrasound Images of the Carotid. <i>Lecture Notes in Computer Science</i> , 2015 , 360-367	0.9	1
15	Novel Applications of Ultrasound Vascular Imaging 2013 , 33-66		1
14	Cryptogenic multi-infarcts and cortico-subcortical dementia in a young adult. <i>Journal of the Neurological Sciences</i> , 2007 , 257, 255-7	3.2	1
13	Safety and early outcomes after intravenous thrombolysis in acute ischemic stroke patients with prestroke disability. <i>International Journal of Stroke</i> , 2021 , 16, 710-718	6.3	1
12	Clinical, Laboratory and Ultrasonographic Interrelations in Giant Cell Arteritis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105601	2.8	1
11	Teleneurology in Parkinson's disease: A step-by-step video guide. <i>Acta Neurologica Scandinavica</i> , 2021 , 144, 221-225	3.8	1
10	Vascular White Matter Lesions in Young Adults: A Neurology Outpatient Clinic Registry. <i>European Neurology</i> , 2019 , 82, 23-31	2.1	1
9	Sympathovagal imbalance in early ischemic stroke is linked to impaired cerebral autoregulation and increased infarct volumes.. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2022 , 241, 102986	2.4	1
8	LOW AMBULATORY DIASTOLIC BLOOD PRESSURE IS ASSOCIATED WITH BRAIN ATROPHY IN STRONGLY TREATED HYPERTENSIVE PATIENTS. <i>Journal of Hypertension</i> , 2019 , 37, e281	1.9	0
7	Admission and Readmission/Death Patterns in Hospitalized and Non-hospitalized First-Ever-in-a-Lifetime Stroke Patients During the First Year: A Population-Based Incidence Study. <i>Frontiers in Neurology</i> , 2021 , 12, 685821	4.1	0
6	Patent foramen ovale may not always be benign in the elderly. <i>Revista Portuguesa De Cardiologia</i> , 2019 , 38, 387-388	1	
5	Cerebral autoregulation is preserved in multiple sclerosis patients. <i>Journal of the Neurological Sciences</i> , 2017 , 381, 298-304	3.2	

- 4 Acute Neurologic Injury in ICU: Vasomotor Reactivity Testing by Transcranial Doppler (TCD/TCCS) **2022**, 333-340
- 3 923 Interplay of cerebral autoregulation and neurovascular coupling evaluated by functional transcranial Doppler in different orthostatic positions. *Europace*, **2005**, 7, 224-224 3.9
- 2 789 Autonomic dysfunction in asymptomatic patients with TTR met30+. *Europace*, **2005**, 7, 180-180 3.9
- 1 Prognostic yield of imaging before and after recanalization treatments in ischemic stroke. *Acta Neurologica Scandinavica*, **2020**, 141, 226-235 3.8