

Nestor R Gonzalez

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,146
citations

430442

18
h-index

395343

33
g-index

41
all docs

41
docs citations

41
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural History of Asymptomatic Unruptured Cerebral Aneurysms Evaluated at CT Angiography: Growth and Rupture Incidence and Correlation with Epidemiologic Risk Factors. <i>Radiology</i> , 2013, 269, 258-265.	3.6	186
2	Vasospasm probability index: a combination of transcranial Doppler velocities, cerebral blood flow, and clinical risk factors to predict cerebral vasospasm after aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2007, 107, 1101-1112.	0.9	104
3	Clinical and Angiographic Outcomes From Indirect Revascularization Surgery for Moyamoya Disease in Adults and Children: A Review of 63 Procedures. <i>Neurosurgery</i> , 2011, 68, 34-43.	0.6	92
4	COVID-19: Review of a 21st Century Pandemic from Etiology to Neuro-psychiatric Implications. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 459-504.	1.2	63
5	Differential Features of Culprit Intracranial Atherosclerotic Lesions: A Whole-Brain Vessel Wall Imaging Study in Patients With Acute Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	58
6	Endovascular Coiling of Intracranial Aneurysms in Elderly Patients. <i>Neurosurgery</i> , 2010, 66, 714-721.	0.6	51
7	Encephaloduroarteriosynangiosis for adult intracranial arterial steno-occlusive disease: long-term single-center experience with 107 operations. <i>Journal of Neurosurgery</i> , 2015, 123, 654-661.	0.9	46
8	Stroke Prevention in Symptomatic Large Artery Intracranial Atherosclerosis Practice Advisory. <i>Neurology</i> , 2022, 98, 486-498.	1.5	46
9	Endovascular treatment of pediatric intracranial aneurysms: a retrospective study of 35 aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2014, 6, 432-438.	2.0	44
10	Whole-Brain vessel wall MRI: A parameter tune-up solution to improve the scan efficiency of three-dimensional variable flip-angle turbo spin-echo. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 751-757.	1.9	42
11	Intracranial arterial stenoses: current viewpoints, novel approaches, and surgical perspectives. <i>Neurosurgical Review</i> , 2013, 36, 175-185.	1.2	36
12	Antiangiogenesis and medical therapy failure in intracranial atherosclerosis. <i>Angiogenesis</i> , 2018, 21, 23-35.	3.7	36
13	Indirect revascularization for nonmoyamoya intracranial arterial stenoses: clinical and angiographic outcomes. <i>Journal of Neurosurgery</i> , 2012, 117, 94-102.	0.9	34
14	Differential expression of circulating exosomal microRNAs in refractory intracranial atherosclerosis associated with antiangiogenesis. <i>Scientific Reports</i> , 2019, 9, 19429.	1.6	32
15	3D whole-brain vessel wall cardiovascular magnetic resonance imaging: a study on the reliability in the quantification of intracranial vessel dimensions. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 39.	1.6	31
16	Mechanical thrombectomy for acute ischemic stroke with cerebral microbleeds. <i>Journal of NeuroInterventional Surgery</i> , 2016, 8, 563-567.	2.0	27
17	Remote Ischemic Conditioning Alters Methylation and Expression of Cell Cycle Genes in Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2015, 46, 2445-2451.	1.0	25
18	Encephaloduroarteriosynangiosis (EDAS) revascularization for symptomatic intracranial atherosclerotic steno-occlusive (ERSIAS) Phase-II objective performance criterion trial. <i>International Journal of Stroke</i> , 2021, 16, 701-709.	2.9	23

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19	Acute ischemic stroke versus transient ischemic attack: Differential plaque morphological features in symptomatic intracranial atherosclerotic lesions. <i>Atherosclerosis</i> , 2021, 319, 72-78.	0.4	18
20	A review of the diagnosis and management of vertebral basilar (posterior) circulation disease. , 2018, 9, 106.		17
21	An integrated, ontology-driven approach to constructing observational databases for research. <i>Journal of Biomedical Informatics</i> , 2015, 55, 132-142.	2.5	16
22	Endovascular Approaches to the Cavernous Sinus in the Setting of Dural Arteriovenous Fistula. <i>Brain Sciences</i> , 2020, 10, 554.	1.1	16
23	Visual Aids for Patient, Family, and Physician Decision Making About Endovascular Thrombectomy for Acute Ischemic Stroke. <i>Stroke</i> , 2018, 49, 90-97.	1.0	15
24	Management of Arterial Vasospasm Following Aneurysmal Subarachnoid Hemorrhage. <i>Seminars in Neurology</i> , 2014, 33, 488-497.	0.5	12
25	Safety and Effectiveness of Neuro-thrombectomy on Single compared to Biplane Angiography Systems. <i>Scientific Reports</i> , 2020, 10, 4470.	1.6	12
26	Cerebral Pulsatility Index Is Elevated in Patients with Elevated Right Atrial Pressure. <i>Journal of Neuroimaging</i> , 2018, 28, 95-98.	1.0	11
27	Differential Expression of Vascular Endothelial Growth Factor-A165 Isoforms Between Intracranial Atherosclerosis and Moyamoya Disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 360-368.	0.7	9
28	Encephaloduroarteriosynangiosis Averts Stroke in Atherosclerotic Patients With Border-Zone Infarct: Post Hoc Analysis From a Performance Criterion Phase II Trial. <i>Neurosurgery</i> , 2021, 88, E312-E318.	0.6	9
29	Reproduction of consistent pulse-waveform changes using a computational model of the cerebral circulatory system. <i>Medical Engineering and Physics</i> , 2014, 36, 354-363.	0.8	7
30	Rigorous anaesthesia management protocol for patients with intracranial arterial stenosis: a prospective controlled-cohort study. <i>BMJ Open</i> , 2016, 6, e009727.	0.8	7
31	Targeted Radiation Therapy Can Treat Myxomatous Cerebral Aneurysms. <i>World Neurosurgery</i> , 2020, 143, 332-335.	0.7	4
32	Emergency Carotid Artery Stenting in Acute Ischemic Stroke. <i>Journal of Neuroendovascular Therapy</i> , 2016, 10, 5-12.	0.1	3
33	Endovascular Thrombectomy Procedure Time and Other Predictors of Futility in Acute Ischemic Stroke Interventions. <i>Journal of the American College of Cardiology</i> , 2019, 73, 891-892.	1.2	2
34	Transvenous Pressure Monitoring Guides Endovascular Treatment of Vein of Galen Malformation: A Technical Note. <i>Pediatric Neurosurgery</i> , 2021, 56, 401-406.	0.4	2
35	Enlarged hemorrhagic lingual thyroid managed with transoral robotic surgery. <i>Endocrine</i> , 2021, 72, 923-927.	1.1	2
36	Cost-Effectiveness Analysis of Encephaloduroarteriosynangiosis Surgery for Symptomatic Intracranial Atherosclerotic Disease. <i>Neurosurgery</i> , 2022, 90, 495-500.	0.6	2

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37	Encephaloduroarteriosynangiosis Operative Technique and Intraoperative Anesthesia Management: Treatment From Both Sides of the Curtain. <i>Operative Neurosurgery</i> , 2022, 22, 20-27.	0.4	2
38	Aneurysmal subarachnoid haemorrhageâ€™ cerebral vasospasm and prophylactic ibuprofen: a randomised controlled pilot trial protocol. <i>BMJ Open</i> , 2022, 12, e058895.	0.8	1
39	Reproduction of ICP Waveform Changes in a Mathematical Model of the Cerebrospinal Circulatory System. <i>Acta Neurochirurgica Supplementum</i> , 2016, 122, 313-316.	0.5	0
40	Letter: Commentary: Cost-Effectiveness Analysis of Encephaloduroarteriosynangiosis Surgery for Symptomatic Intracranial Atherosclerotic Disease. <i>Neurosurgery</i> , 2022, Publish Ahead of Print, .	0.6	0