

Venkatesh Aiyagari

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,290
citations

304368

22
h-index

214527

47
g-index

71
all docs

71
docs citations

71
times ranked

2091
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoperfusion without Ischemia Surrounding Acute Intracerebral Hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 804-810.	2.4	355
2	Regional cerebrovascular and metabolic effects of hyperventilation after severe traumatic brain injury. <i>Journal of Neurosurgery</i> , 2002, 96, 103-108.	0.9	206
3	No reduction in cerebral metabolism as a result of early moderate hyperventilation following severe traumatic brain injury. <i>Journal of Neurosurgery</i> , 2000, 92, 7-13.	0.9	186
4	Hypernatremia in the neurologic intensive care unit: how high is too high?. <i>Journal of Critical Care</i> , 2006, 21, 163-172.	1.0	158
5	Interrater Reliability of Pupillary Assessments. <i>Neurocritical Care</i> , 2016, 24, 251-257.	1.2	148
6	Use of Recombinant Factor VIIa in Patients With Warfarin-Associated Intracranial Hemorrhage. <i>Neurocritical Care</i> , 2005, 2, 263-267.	1.2	129
7	Effect of hyperoxia on cerebral metabolic rate for oxygen measured using positron emission tomography in patients with acute severe head injury. <i>Journal of Neurosurgery</i> , 2007, 106, 526-529.	0.9	111
8	Management of Blood Pressure for Acute and Recurrent Stroke. <i>Stroke</i> , 2009, 40, 2251-2256.	1.0	90
9	Cerebral Autoregulation and Blood Pressure Lowering. <i>Hypertension</i> , 2007, 49, 977-978.	1.3	74
10	Understanding the Relationship Between the Neurologic Pupil Index and Constriction Velocity Values. <i>Scientific Reports</i> , 2018, 8, 6992.	1.6	56
11	Inter-device reliability of the NPi-100 pupillometer. <i>Journal of Clinical Neuroscience</i> , 2016, 33, 79-82.	0.8	55
12	Fever control and its impact on outcomes: What is the evidence?. <i>Journal of the Neurological Sciences</i> , 2007, 261, 39-46.	0.3	53
13	Autoregulation after ischaemic stroke. <i>Journal of Hypertension</i> , 2009, 27, 2218-2222.	0.3	45
14	Acute Hemorrhagic Stroke Pathophysiology and Medical Interventions: Blood Pressure Control, Management of Anticoagulant-Associated Brain Hemorrhage and General Management Principles. <i>Neurologic Clinics</i> , 2008, 26, 963-985.	0.8	42
15	Automated Pupillometry in Neurocritical Care: Research and Practice. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 71.	2.0	39
16	Distributions and Reference Ranges for Automated Pupillometer Values in Neurocritical Care Patients. <i>Journal of Neuroscience Nursing</i> , 2019, 51, 335-340.	0.7	36
17	Correlation of Objective Pupillometry to Midline Shift in Acute Stroke Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 1902-1910.	0.7	35
18	Establishing Normative Data for Pupillometer Assessment in Neuroscience Intensive Care: The "END-PANIC" Registry. <i>Journal of Neuroscience Nursing</i> , 2017, 49, 251-254.	0.7	34

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19	Automated Pupillometry as a Triage and Assessment Tool in Patients with Traumatic Brain Injury. <i>World Neurosurgery</i> , 2021, 145, e163-e169.	0.7	33
20	Correction of coagulopathy in warfarin associated cerebral hemorrhage. <i>Current Opinion in Critical Care</i> , 2009, 15, 87-92.	1.6	28
21	Detection of delayed cerebral ischemia using objective pupillometry in patients with aneurysmal subarachnoid hemorrhage. <i>Journal of Neurosurgery</i> , 2020, 132, 27-32.	0.9	25
22	Treatment of severe coagulopathy after gunshot injury to the head using recombinant activated factor VII. <i>Journal of Critical Care</i> , 2005, 20, 176-179.	1.0	23
23	Cognitive and Functional Consequence of Cardiac Arrest. <i>Current Neurology and Neuroscience Reports</i> , 2016, 16, 70.	2.0	22
24	Baseline Hemodynamic Impairment and Future Stroke Risk in Adult Idiopathic Moyamoya Phenomenon. <i>Stroke</i> , 2017, 48, 894-899.	1.0	21
25	Cerebrovascular Manifestations of Pheochromocytoma and the Implications of a Missed Diagnosis. <i>Neurocritical Care</i> , 2008, 9, 378-381.	1.2	17
26	Differentiate the Source and Site of Intracranial Pressure Measurements Using More Precise Nomenclature. <i>Neurocritical Care</i> , 2019, 30, 239-243.	1.2	16
27	Pupillary Light Reflex Variability as a Predictor of Clinical Outcomes in Subarachnoid Hemorrhage. <i>Journal of Neuroscience Nursing</i> , 2019, 51, 171-175.	0.7	15
28	Quantitative pupillometry in patients with traumatic brain injury and loss of consciousness: A prospective pilot study. <i>Journal of Clinical Neuroscience</i> , 2021, 91, 88-92.	0.8	15
29	The Management of Hypertension for an Acute Stroke: What Is the Blood Pressure Goal?. <i>Current Cardiology Reports</i> , 2013, 15, 366.	1.3	14
30	Early automated infrared pupillometry is superior to auditory brainstem response in predicting neurological outcome after cardiac arrest. <i>Resuscitation</i> , 2020, 154, 77-84.	1.3	14
31	Correlation of Noninvasive Blood Pressure and Invasive Intra-arterial Blood Pressure in Patients Treated with Vasoactive Medications in a Neurocritical Care Unit. <i>Neurocritical Care</i> , 2018, 28, 265-272.	1.2	13
32	Hourly Blood Pressure Monitoring After Intravenous Tissue Plasminogen Activator for Ischemic Stroke. <i>Stroke</i> , 2004, 35, 2326-2330.	1.0	12
33	Management of Large Hemispheric Strokes in the Neurological Intensive Care Unit. <i>Neurologist</i> , 2002, 8, 152-162.	0.4	11
34	Management of hypertension in acute stroke. <i>Expert Review of Cardiovascular Therapy</i> , 2009, 7, 637-646.	0.6	11
35	The clinical management of acute intracerebral hemorrhage. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 1421-1432.	1.4	11
36	Proof of Concept: Endogenous Antiangiogenic Factors Predict the Occurrence of Symptomatic Vasospasm Post Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2011, 15, 416-420.	1.2	10

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37	Investigation of Pupillary Changes After Carotid Endarterectomy and Carotid Stent Placement Using Automated Pupillometry. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104693.	0.7	10
38	Emergency and Critical Care Management of Acute Ischaemic Stroke. <i>CNS Drugs</i> , 2015, 29, 17-28.	2.7	9
39	Anisocoria Correlates With Injury Severity and Outcomes After Blunt Traumatic Brain Injury. <i>Journal of Neuroscience Nursing</i> , 2021, 53, 251-255.	0.7	9
40	Development and Testing of an Electronic Multidisciplinary Rounding Tool. <i>AACN Advanced Critical Care</i> , 2019, 30, 222-229.	0.6	7
41	An update on neurocritical care for intracerebral hemorrhage. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 557-578.	1.4	7
42	Management of External Ventricular Drains During Intrahospital Transport for Radiographic Imaging. <i>Journal of Radiology Nursing</i> , 2019, 38, 92-97.	0.2	7
43	Inter-device reliability of the NPi-200 and NPi-300 pupillometers. <i>Journal of Clinical Neuroscience</i> , 2022, 100, 180-183.	0.8	7
44	A Prototype Worldwide Survey of Diagnostic and Treatment Modalities for Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2015, 24, 290-296.	0.7	6
45	Investigating the association between eye colour and the Neurological Pupil index. <i>Australian Critical Care</i> , 2020, 33, 436-440.	0.6	6
46	Standardized Admission and Discharge Templates to Improve Documentation of the Joint Commission on Accreditation of Healthcare Organization Performance Markers. <i>Journal of Neuroscience Nursing</i> , 2010, 42, 225-228.	0.7	5
47	Supratentorial intracerebral hemorrhage volume and other CT variables predict the neurological pupil index. <i>Clinical Neurology and Neurosurgery</i> , 2021, 200, 106410.	0.6	5
48	Pilot study of neurological pupil index as a predictor of external ventricular drain clamp trial failure after subarachnoid hemorrhage. <i>World Neurosurgery</i> , 2022, , .	0.7	5
49	CoolGard/Cool Lineâ„¢ Catheter System. <i>Neurocritical Care</i> , 2004, 1, 209-212.	1.2	4
50	Counteracting the Effects of Anticoagulants and Antiplatelet Agents during Neurosurgical Emergencies. <i>Neurosurgery</i> , 2006, 59, E1152-E1152.	0.6	3
51	Methods for Cleaning and Managing a Nurse-Led Registry. <i>Journal of Neuroscience Nursing</i> , 2020, 52, 328-332.	0.7	3
52	Relationship Between Automated Pupillometry Measurements and Ventricular Volume in Patients With Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Neuroscience Nursing</i> , 2022, 54, 166-170.	0.7	3
53	Prevention of Second Strokes Through Blood Pressure Lowering: Update for 2011. <i>Current Cardiovascular Risk Reports</i> , 2011, 5, 299-306.	0.8	2
54	A Callosal Catastrophe: Toxic Leukoencephalopathy Associated with Thermogenic Weight Loss Supplement Use. <i>Neurocritical Care</i> , 2018, 29, 504-507.	1.2	2

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55	A Decision Algorithm Is Not Superior to Clinician Judgment to Determine Need for Peripheral vs Central Venous Catheterization. <i>Journal of Neuroscience Nursing</i> , 2019, 51, 129-133.	0.7	2
56	Neurogenic Hypertension, Including Hypertension Associated with Stroke or Spinal Cord Injury. , 2010, , 486-493.		1
57	Dabigatran and other oral antithrombotic agents for the prevention of stroke in patients with atrial fibrillation. <i>Research Reports in Clinical Cardiology</i> , 2011, , 71.	0.2	1
58	â€œUnwrap the Brain With Rapâ€• <i>Journal of Neuroscience Nursing</i> , 2018, 50, 27-29.	0.7	1
59	Automated Infrared Pupillometer Use in Assessing the Neurological Status in Pediatric Neurocritical Care Patients: Case Reports and Literature Review. <i>Journal of Child Science</i> , 2021, 11, e125-e132.	0.1	1
60	Acute Blood Pressure Management After Ischemic Stroke. , 2011, , 115-126.		1
61	Response to discussion by Dr Philip HÃ©bert. <i>Journal of Critical Care</i> , 2006, 21, 115-116.	1.0	0
62	CORRECTION OF COAGULOPATHY SECONDARY TO ORAL AND PARENTERAL ANTICOAGULANTS. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2009, 15, 138-157.	0.4	0
63	Teaching Neuro <i>Images</i> : An unusual case of syncope. <i>Neurology</i> , 2012, 78, e83-4.	1.5	0
64	904. <i>Critical Care Medicine</i> , 2015, 43, 227-228.	0.4	0
65	Cognition and Quality-of-Life Outcomes in the Targeted Temperature Management Trial for Cardiac Arrest. <i>JAMA Neurology</i> , 2015, 72, 628.	4.5	0
66	Acute Blood Pressure Management After Intracerebral Hemorrhage. , 2016, , 179-196.		0
67	Recurrent Stroke Prevention II: Angiotensin Receptor Blockersâ€”The LIFE, MOSES, PRoFESS, and Other Trials. , 2011, , 159-171.		0
68	Disorders of Consciousness. , 2014, , 81-110.		0
69	Abstract WP496: Early Mobility in the Neurosurgical Intensive Care Unit: A Quality Improvement Project. <i>Stroke</i> , 2019, 50, .	1.0	0
70	Posterior reversible encephalopathy syndrome in carcinoid tumor. <i>Baylor University Medical Center Proceedings</i> , 0, , 1-3.	0.2	0