

Sachin Agarwal

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,095
citations

331670

21
h-index

175258

52
g-index

84
all docs

84
docs citations

84
times ranked

4301
citing authors

#	ARTICLE	IF	CITATIONS
1	Psychological distress, coping behaviors, and preferences for support among New York healthcare workers during the COVID-19 pandemic. <i>General Hospital Psychiatry</i> , 2020, 66, 1-8.	2.4	708
2	Detection of Brain Activation in Unresponsive Patients with Acute Brain Injury. <i>New England Journal of Medicine</i> , 2019, 380, 2497-2505.	27.0	298
3	Subarachnoid hemorrhage: who dies, and why?. <i>Critical Care</i> , 2015, 19, 309.	5.8	255
4	Seizure burden in subarachnoid hemorrhage associated with functional and cognitive outcome. <i>Neurology</i> , 2016, 86, 253-260.	1.1	157
5	Electroencephalographic Periodic Discharges and Frequency-Dependent Brain Tissue Hypoxia in Acute Brain Injury. <i>JAMA Neurology</i> , 2017, 74, 301.	9.0	133
6	Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2). <i>Stroke</i> , 2016, 47, 2888-2895.	2.0	131
7	Bedside quantitative electroencephalography improves assessment of consciousness in comatose subarachnoid hemorrhage patients. <i>Annals of Neurology</i> , 2016, 80, 541-553.	5.3	85
8	Loss of Consciousness at Onset of Subarachnoid Hemorrhage as an Important Marker of Early Brain Injury. <i>JAMA Neurology</i> , 2016, 73, 28.	9.0	83
9	Prognostication of long-term outcomes after subarachnoid hemorrhage: The FRESH score. <i>Annals of Neurology</i> , 2016, 80, 46-58.	5.3	81
10	Early withdrawal of life support after resuscitation from cardiac arrest is common and may result in additional deaths. <i>Resuscitation</i> , 2019, 139, 308-313.	3.0	77
11	Intraventricular hemorrhage expansion in patients with spontaneous intracerebral hemorrhage. <i>Neurology</i> , 2015, 84, 989-994.	1.1	65
12	Ketamine to treat super-refractory status epilepticus. <i>Neurology</i> , 2020, 95, e2286-e2294.	1.1	61
13	White Blood Cell Count Improves Prediction of Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2019, 84, 397-403.	1.1	59
14	Preparing a neurology department for SARS-CoV-2 (COVID-19). <i>Neurology</i> , 2020, 94, 886-891.	1.1	50
15	Low hemoglobin and hematoma expansion after intracerebral hemorrhage. <i>Neurology</i> , 2019, 93, e372-e380.	1.1	41
16	Heart Rate Variability for Preclinical Detection of Secondary Complications After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2014, 20, 382-389.	2.4	36
17	Variation in Sedation and Neuromuscular Blockade Regimens on Outcome After Cardiac Arrest*. <i>Critical Care Medicine</i> , 2018, 46, e975-e980.	0.9	34
18	Variability in functional outcome and treatment practices by treatment center after out-of-hospital cardiac arrest: analysis of International Cardiac Arrest Registry. <i>Intensive Care Medicine</i> , 2019, 45, 637-646.	8.2	33

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19	Determinants of Long-Term Neurological Recovery Patterns Relative to Hospital Discharge Among Cardiac Arrest Survivors. <i>Critical Care Medicine</i> , 2018, 46, e141-e150.	0.9	29
20	Categorization of survival and death after cardiac arrest. <i>Resuscitation</i> , 2017, 114, 79-82.	3.0	24
21	Cardiac Arrest and Subsequent Hospitalization—Induced Posttraumatic Stress Is Associated With 1-Year Risk of Major Adverse Cardiovascular Events and All-Cause Mortality. <i>Critical Care Medicine</i> , 2019, 47, e502-e505.	0.9	23
22	Women have worse cognitive, functional, and psychiatric outcomes at hospital discharge after cardiac arrest. <i>Resuscitation</i> , 2018, 125, 12-15.	3.0	22
23	Posttraumatic stress and depressive symptoms characterize cardiac arrest survivors' perceived recovery at hospital discharge. <i>General Hospital Psychiatry</i> , 2018, 53, 108-113.	2.4	22
24	The impact of psychological distress on long-term recovery perceptions in survivors of cardiac arrest. <i>Journal of Critical Care</i> , 2019, 50, 227-233.	2.2	22
25	Predicting delayed cerebral ischemia after subarachnoid hemorrhage using physiological time series data. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 95-105.	1.6	22
26	Agitation After Subarachnoid Hemorrhage: A Frequent Omen of Hospital Complications Associated with Worse Outcomes. <i>Neurocritical Care</i> , 2017, 26, 428-435.	2.4	21
27	Primary Intracerebral Hemorrhage: A Closer Look at Hypertension and Cerebral Amyloid Angiopathy. <i>Neurocritical Care</i> , 2018, 29, 77-83.	2.4	21
28	Heart Rate Variability as a Biomarker of Neurocardiogenic Injury After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2020, 32, 162-171.	2.4	21
29	Use of early head CT following out-of-hospital cardiopulmonary arrest. <i>Resuscitation</i> , 2017, 113, 124-127.	3.0	20
30	Does the obesity paradox predict functional outcome in intracerebral hemorrhage?. <i>Journal of Neurosurgery</i> , 2018, 129, 1125-1129.	1.6	20
31	Medical Treatment Failure for Symptomatic Vasospasm After Subarachnoid Hemorrhage Threatens Long-Term Outcome. <i>Stroke</i> , 2019, 50, 1696-1702.	2.0	19
32	Impacts of ABO-incompatible platelet transfusions on platelet recovery and outcomes after intracerebral hemorrhage. <i>Blood</i> , 2021, 137, 2699-2703.	1.4	19
33	Early myoclonus following anoxic brain injury. <i>Neurology: Clinical Practice</i> , 2018, 8, 249-256.	1.6	18
34	Prognostic Value of the Neurological Examination in Cardiac Arrest Patients After Therapeutic Hypothermia. <i>Neurohospitalist</i> , The, 2018, 8, 66-73.	0.8	17
35	The Medial Temporal Lobe Is Critical for Spatial Relational Perception. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1780-1795.	2.3	17
36	Disorders of Consciousness in Hospitalized Patients with COVID-19: The Role of the Systemic Inflammatory Response Syndrome. <i>Neurocritical Care</i> , 2022, 36, 89-96.	2.4	17

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37	Deep structural brain lesions associated with consciousness impairment early after hemorrhagic stroke. <i>Scientific Reports</i> , 2019, 9, 4174.	3.3	16
38	Prolonged Unconsciousness is Common in COVID-19 and Associated with Hypoxemia. <i>Annals of Neurology</i> , 2022, 91, 740-755.	5.3	15
39	Predicting early recovery of consciousness after cardiac arrest supported by quantitative electroencephalography. <i>Resuscitation</i> , 2021, 165, 130-137.	3.0	14
40	Influence of sex on survival, neurologic outcomes, and neurodiagnostic testing after out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2021, 167, 66-75.	3.0	14
41	Post-anoxic quantitative MRI changes may predict emergence from coma and functional outcomes at discharge. <i>Resuscitation</i> , 2017, 117, 87-90.	3.0	13
42	Duration of Agitation, Fluctuations of Consciousness, and Associations with Outcome in Patients with Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2018, 29, 33-39.	2.4	13
43	Functional outcomes associated with varying levels of targeted temperature management after out-of-hospital cardiac arrest – An INTCAR2 registry analysis. <i>Resuscitation</i> , 2020, 146, 229-236.	3.0	13
44	Electrocerebral Signature of Cardiac Death. <i>Neurocritical Care</i> , 2021, 35, 853-861.	2.4	13
45	Association of depression and COVID-induced PTSD with cognitive symptoms after COVID-19 illness. <i>General Hospital Psychiatry</i> , 2022, 76, 45-48.	2.4	13
46	Hyperarousal Symptoms in Survivors of Cardiac Arrest Are Associated With 13 Month Risk of Major Adverse Cardiovascular Events and All-Cause Mortality. <i>Annals of Behavioral Medicine</i> , 2020, 54, 413-422.	2.9	12
47	Causal Structure of Brain Physiology after Brain Injury from Subarachnoid Hemorrhage. <i>PLoS ONE</i> , 2016, 11, e0149878.	2.5	11
48	Hyperemia in subarachnoid hemorrhage patients is associated with an increased risk of seizures. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1290-1299.	4.3	11
49	Development of a brain-computer interface for patients in the critical care setting. <i>PLoS ONE</i> , 2021, 16, e0245540.	2.5	11
50	Long-term risk of seizures among cardiac arrest survivors. <i>Resuscitation</i> , 2018, 129, 94-96.	3.0	10
51	Incorporating High-Frequency Physiologic Data Using Computational Dictionary Learning Improves Prediction of Delayed Cerebral Ischemia Compared to Existing Methods. <i>Frontiers in Neurology</i> , 2018, 9, 122.	2.4	10
52	Statins and perihemorrhagic edema in patients with spontaneous intracerebral hemorrhage. <i>Neurology</i> , 2019, 92, e2145-e2149.	1.1	10
53	Red Blood Cell Transfusions and Outcomes After Intracerebral Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105317.	1.6	9
54	Frontotemporal EEG to guide sedation in COVID-19 related acute respiratory distress syndrome. <i>Clinical Neurophysiology</i> , 2021, 132, 730-736.	1.5	9

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55	Women receive less targeted temperature management than men following out-of-hospital cardiac arrest due to early care limitations â€” A study from the CARES Investigators. <i>Resuscitation</i> , 2021, 169, 97-104.	3.0	9
56	Quantitative EEG-Based Seizure Estimation in Super-Refractory Status Epilepticus. <i>Neurocritical Care</i> , 2022, 36, 897-904.	2.4	9
57	In-Hospital Survival and Neurological Recovery Among Patients Requiring Renal Replacement Therapy in Postâ€”Cardiac Arrest Period. <i>Kidney International Reports</i> , 2019, 4, 674-678.	0.8	8
58	Respiratory and Blood Stream Infections are Associated with Subsequent Venous Thromboembolism After Primary Intracerebral Hemorrhage. <i>Neurocritical Care</i> , 2021, 34, 85-91.	2.4	8
59	Use of Recombinant Factor VIIa in Symptomatic Intracerebral Hemorrhage Following Intravenous Thrombolysis. <i>Clinics and Practice</i> , 2015, 5, 756.	1.4	7
60	Hunt-Hess 5 subarachnoid haemorrhage presenting with cardiac arrest is associated with larger volume bleeds. <i>Resuscitation</i> , 2018, 123, 71-76.	3.0	7
61	Dimensional structure of posttraumatic stress disorder symptoms after cardiac arrest. <i>Journal of Affective Disorders</i> , 2019, 251, 213-217.	4.1	7
62	Gaps in the Provision of Cognitive and Psychological Resources in Cardiac Arrest Survivors with Good Neurologic Recovery. <i>Therapeutic Hypothermia and Temperature Management</i> , 2022, 12, 61-67.	0.9	7
63	Deriving the PRx and CPPopt from 0.2-Hz Data: Establishing Generalizability to Bedmaster Users. <i>Acta Neurochirurgica Supplementum</i> , 2018, 126, 179-182.	1.0	7
64	The Influence of Therapeutics on Prognostication After Cardiac Arrest. <i>Current Treatment Options in Neurology</i> , 2019, 21, 60.	1.8	6
65	Dispersion in Scores on the Richmond Agitation and Sedation Scale as a Measure of Delirium in Patients with Subdural Hematomas. <i>Neurocritical Care</i> , 2019, 30, 626-634.	2.4	6
66	Assessment of Noninvasive Regional Brain Oximetry in Posterior Reversible Encephalopathy Syndrome and Reversible Cerebral Vasoconstriction Syndrome. <i>Journal of Intensive Care Medicine</i> , 2016, 31, 415-419.	2.8	5
67	Use of Intra-aortic-Balloon Pump Counterpulsation in Patients with Symptomatic Vasospasm Following Subarachnoid Hemorrhage and Neurogenic Stress Cardiomyopathy. <i>Journal of Vascular and Interventional Neurology</i> , 2016, 9, 28-34.	1.1	5
68	Vector Angle Analysis of Multimodal Neuromonitoring Data for Continuous Prediction of Delayed Cerebral Ischemia. <i>Neurocritical Care</i> , 2022, 37, 230-236.	2.4	5
69	Transcranial Doppler Waveforms During Intra-aortic Balloon Pump Counterpulsation for Vasospasm Detection After Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2018, 83, 416-421.	1.1	4
70	Severity of cerebral vasospasm associated with development of collaterals following aneurysmal subarachnoid hemorrhage. <i>Journal of NeuroInterventional Surgery</i> , 2018, 10, 638-643.	3.3	4
71	Prognostic Significance of Sentinel Headache Preceding Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2020, 139, e672-e676.	1.3	3
72	Dynamic Intracranial Pressure Waveform Morphology Predicts Ventriculitis. <i>Neurocritical Care</i> , 2021, 1.	2.4	3

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73	Phenotypes of early myoclonus do not predict outcome. <i>Annals of Neurology</i> , 2017, 81, 475-476.	5.3	2
74	Tracheostomy use, long-term survival, and neurological outcomes among cardiac arrest survivors. <i>Resuscitation</i> , 2018, 129, e19-e20.	3.0	2
75	Phantom-based standardization of CT angiography images for spot sign detection. <i>Neuroradiology</i> , 2017, 59, 839-844.	2.2	1
76	High-quality CPR training: Let's get smart!. <i>Resuscitation</i> , 2019, 144, 185-186.	3.0	1
77	Understanding the metabolite-function relationship after cardiac arrest. <i>Resuscitation</i> , 2019, 134, 133-135.	3.0	0
78	Clinical Impact of Hematoma Expansion in Left Ventricular Assist Device Patients. <i>World Neurosurgery</i> , 2020, 143, e384-e390.	1.3	0
79	Cognitive Assessments in Critical Care Patient Populations: Methodological Considerations. <i>Neurocritical Care</i> , 2021, 34, 379-381.	2.4	0
80	Abstract WP335: Left Ventricular Hypertrophy and Anti-hypertensive Use in Intracerebral Hemorrhage. <i>Stroke</i> , 2018, 49, .	2.0	0
81	Abstract P222: The Psychological Predictors Of Recovery After Acute Cardiac Events Study: Rationale And Design. <i>Circulation</i> , 2022, 145, .	1.6	0
82	Abstract 13193: Hispanics/Latinos Lack Access to Hospitals With Therapeutic Hypothermia Programs Following Out-of-Hospital Cardiac Arrest. <i>Circulation</i> , 2021, 144, .	1.6	0