

# 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	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
2	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
3	Quantitative EEG-Based Seizure Estimation in Super-Refractory Status Epilepticus. <i>Neurocritical Care</i> , 2022, 36, 897-904.	2.4	9
4	Abstract P222: The Psychological Predictors Of Recovery After Acute Cardiac Events Study: Rationale And Design. <i>Circulation</i> , 2022, 145, .	1.6	0
5	Prolonged Unconsciousness is Common in COVID-19 and Associated with Hypoxemia. <i>Annals of Neurology</i> , 2022, 91, 740-755.	5.3	15
6	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
7	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
8	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
9	Development of a brain-computer interface for patients in the critical care setting. <i>PLoS ONE</i> , 2021, 16, e0245540.	2.5	11
10	Frontotemporal EEG to guide sedation in COVID-19 related acute respiratory distress syndrome. <i>Clinical Neurophysiology</i> , 2021, 132, 730-736.	1.5	9
11	Impacts of ABO-incompatible platelet transfusions on platelet recovery and outcomes after intracerebral hemorrhage. <i>Blood</i> , 2021, 137, 2699-2703.	1.4	19
12	Electrocerebral Signature of Cardiac Death. <i>Neurocritical Care</i> , 2021, 35, 853-861.	2.4	13
13	Dynamic Intracranial Pressure Waveform Morphology Predicts Ventriculitis. <i>Neurocritical Care</i> , 2021, 1.	2.4	3
14	Predicting early recovery of consciousness after cardiac arrest supported by quantitative electroencephalography. <i>Resuscitation</i> , 2021, 165, 130-137.	3.0	14
15	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
16	Cognitive Assessments in Critical Care Patient Populations: Methodological Considerations. <i>Neurocritical Care</i> , 2021, 34, 379-381.	2.4	0
17	Women receive less targeted temperature management than men following out-of-hospital cardiac arrest due to early care limitations – A study from the CARES Investigators. <i>Resuscitation</i> , 2021, 169, 97-104.	3.0	9
18	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

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19	Heart Rate Variability as a Biomarker of Neurocardiogenic Injury After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2020, 32, 162-171.	2.4	21
20	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
21	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
22	Red Blood Cell Transfusions and Outcomes After Intracerebral Hemorrhage. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 105317.	1.6	9
23	Clinical Impact of Hematoma Expansion in Left Ventricular Assist Device Patients. <i>World Neurosurgery</i> , 2020, 143, e384-e390.	1.3	0
24	Ketamine to treat super-refractory status epilepticus. <i>Neurology</i> , 2020, 95, e2286-e2294.	1.1	61
25	The Medial Temporal Lobe Is Critical for Spatial Relational Perception. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1780-1795.	2.3	17
26	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
27	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
28	Prognostic Significance of Sentinel Headache Preceding Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2020, 139, e672-e676.	1.3	3
29	Preparing a neurology department for SARS-CoV-2 (COVID-19). <i>Neurology</i> , 2020, 94, 886-891.	1.1	50
30	High-quality CPR training: Let's get smart!. <i>Resuscitation</i> , 2019, 144, 185-186.	3.0	1
31	Low hemoglobin and hematoma expansion after intracerebral hemorrhage. <i>Neurology</i> , 2019, 93, e372-e380.	1.1	41
32	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
33	Medical Treatment Failure for Symptomatic Vasospasm After Subarachnoid Hemorrhage Threatens Long-Term Outcome. <i>Stroke</i> , 2019, 50, 1696-1702.	2.0	19
34	Dimensional structure of posttraumatic stress disorder symptoms after cardiac arrest. <i>Journal of Affective Disorders</i> , 2019, 251, 213-217.	4.1	7
35	In-Hospital Survival and Neurological Recovery Among Patients Requiring Renal Replacement Therapy in Post-Cardiac Arrest Period. <i>Kidney International Reports</i> , 2019, 4, 674-678.	0.8	8
36	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

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37	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
38	Deep structural brain lesions associated with consciousness impairment early after hemorrhagic stroke. <i>Scientific Reports</i> , 2019, 9, 4174.	3.3	16
39	Statins and perihemorrhagic edema in patients with spontaneous intracerebral hemorrhage. <i>Neurology</i> , 2019, 92, e2145-e2149.	1.1	10
40	The Influence of Therapeutics on Prognostication After Cardiac Arrest. <i>Current Treatment Options in Neurology</i> , 2019, 21, 60.	1.8	6
41	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
42	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
43	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
44	Understanding the metabolite—function relationship after cardiac arrest. <i>Resuscitation</i> , 2019, 134, 133-135.	3.0	0
45	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
46	White Blood Cell Count Improves Prediction of Delayed Cerebral Ischemia Following Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 2019, 84, 397-403.	1.1	59
47	Women have worse cognitive, functional, and psychiatric outcomes at hospital discharge after cardiac arrest. <i>Resuscitation</i> , 2018, 125, 12-15.	3.0	22
48	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
49	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
50	Prognostic Value of the Neurological Examination in Cardiac Arrest Patients After Therapeutic Hypothermia. <i>Neurohospitalist</i> , The, 2018, 8, 66-73.	0.8	17
51	Primary Intracerebral Hemorrhage: A Closer Look at Hypertension and Cerebral Amyloid Angiopathy. <i>Neurocritical Care</i> , 2018, 29, 77-83.	2.4	21
52	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
53	Does the obesity paradox predict functional outcome in intracerebral hemorrhage?. <i>Journal of Neurosurgery</i> , 2018, 129, 1125-1129.	1.6	20
54	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

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55	Variation in Sedation and Neuromuscular Blockade Regimens on Outcome After Cardiac Arrest*. Critical Care Medicine, 2018, 46, e975-e980.	0.9	34
56	Severity of cerebral vasospasm associated with development of collaterals following aneurysmal subarachnoid hemorrhage. Journal of NeuroInterventional Surgery, 2018, 10, 638-643.	3.3	4
57	Early myoclonus following anoxic brain injury. Neurology: Clinical Practice, 2018, 8, 249-256.	1.6	18
58	Posttraumatic stress and depressive symptoms characterize cardiac arrest survivors' perceived recovery at hospital discharge. General Hospital Psychiatry, 2018, 53, 108-113.	2.4	22
59	Long-term risk of seizures among cardiac arrest survivors. Resuscitation, 2018, 129, 94-96.	3.0	10
60	Tracheostomy use, long-term survival, and neurological outcomes among cardiac arrest survivors. Resuscitation, 2018, 129, e19-e20.	3.0	2
61	Incorporating High-Frequency Physiologic Data Using Computational Dictionary Learning Improves Prediction of Delayed Cerebral Ischemia Compared to Existing Methods. Frontiers in Neurology, 2018, 9, 122.	2.4	10
62	Deriving the PRx and CPPopt from 0.2-Hz Data: Establishing Generalizability to Bedmaster Users. Acta Neurochirurgica Supplementum, 2018, 126, 179-182.	1.0	7
63	Abstract WP335: Left Ventricular Hypertrophy and Anti-hypertensive Use in Intracerebral Hemorrhage. Stroke, 2018, 49, .	2.0	0
64	Use of early head CT following out-of-hospital cardiopulmonary arrest. Resuscitation, 2017, 113, 124-127.	3.0	20
65	Electroencephalographic Periodic Discharges and Frequency-Dependent Brain Tissue Hypoxia in Acute Brain Injury. JAMA Neurology, 2017, 74, 301.	9.0	133
66	Categorization of survival and death after cardiac arrest. Resuscitation, 2017, 114, 79-82.	3.0	24
67	Phenotypes of early myoclonus do not predict outcome. Annals of Neurology, 2017, 81, 475-476.	5.3	2
68	Post-anoxic quantitative MRI changes may predict emergence from coma and functional outcomes at discharge. Resuscitation, 2017, 117, 87-90.	3.0	13
69	Agitation After Subarachnoid Hemorrhage: A Frequent Omen of Hospital Complications Associated with Worse Outcomes. Neurocritical Care, 2017, 26, 428-435.	2.4	21
70	Phantom-based standardization of CT angiography images for spot sign detection. Neuroradiology, 2017, 59, 839-844.	2.2	1
71	Causal Structure of Brain Physiology after Brain Injury from Subarachnoid Hemorrhage. PLoS ONE, 2016, 11, e0149878.	2.5	11
72	Prognostication of long-term outcomes after subarachnoid hemorrhage: The FRESH score. Annals of Neurology, 2016, 80, 46-58.	5.3	81

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73	Bedside quantitative electroencephalography improves assessment of consciousness in comatose subarachnoid hemorrhage patients. <i>Annals of Neurology</i> , 2016, 80, 541-553.	5.3	85
74	Results of the ICTuS 2 Trial (Intravascular Cooling in the Treatment of Stroke 2). <i>Stroke</i> , 2016, 47, 2888-2895.	2.0	131
75	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
76	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
77	Seizure burden in subarachnoid hemorrhage associated with functional and cognitive outcome. <i>Neurology</i> , 2016, 86, 253-260.	1.1	157
78	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
79	Use of Recombinant Factor VIIa in Symptomatic Intracerebral Hemorrhage Following Intravenous Thrombolysis. <i>Clinics and Practice</i> , 2015, 5, 756.	1.4	7
80	Intraventricular hemorrhage expansion in patients with spontaneous intracerebral hemorrhage. <i>Neurology</i> , 2015, 84, 989-994.	1.1	65
81	Subarachnoid hemorrhage: who dies, and why?. <i>Critical Care</i> , 2015, 19, 309.	5.8	255
82	Heart Rate Variability for Preclinical Detection of Secondary Complications After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2014, 20, 382-389.	2.4	36