Eric Scott Rosenthal

List of Publications by Year
in descending order

84 papers	4,179 citations	147786 31 h-index	123420 61 g-index
86 all docs	86 docs citations	86 times ranked	4558 citing authors

#	ARTICLE	IF	CITATIONS
1	The Utility of Quantitative EEG in Detecting Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. Journal of Clinical Neurophysiology, 2022, 39, 207-215.	1.7	12
2	Antiseizure Medication Treatment and Outcomes in Patients with Subarachnoid Hemorrhage Undergoing Continuous EEG Monitoring. Neurocritical Care, 2022, 36, 857-867.	2.4	8
3	Combining Transcranial Doppler and EEG Data to Predict Delayed Cerebral Ischemia After Subarachnoid Hemorrhage. Neurology, 2022, 98, .	1.1	12
4	Prognostication in Acute Neurological Emergencies. Journal of Stroke and Cerebrovascular Diseases, 2022, 31, 106277.	1.6	6
5	Cortical Spreading Depolarizations and Clinically Measured Scalp EEG Activity After Aneurysmal Subarachnoid Hemorrhage and Traumatic Brain Injury. Neurocritical Care, 2022, 37, 49-59.	2.4	5
6	Severe Cerebral Edema in Substance-Related Cardiac Arrest Patients. Resuscitation, 2022, , .	3.0	2
7	Anti-seizure medication treatment and outcomes in acute ischemic stroke patients undergoing continuous EEG monitoring. Neurological Sciences, 2022, 43, 5441-5449.	1.9	1
8	Deep active learning for interictal ictal injury continuum EEG patterns. Journal of Neuroscience Methods, 2021, 351, 108966.	2.5	8
9	Electroencephalography, Hospital Complications, and Longitudinal Outcomes After Subarachnoid Hemorrhage. Neurocritical Care, 2021, 35, 397-408.	2.4	8
10	American Clinical Neurophysiology Society's Standardized Critical Care EEG Terminology: 2021 Version. Journal of Clinical Neurophysiology, 2021, 38, 1-29.	1.7	370
11	Patterns of benzodiazepine underdosing in the Established Status Epilepticus Treatment Trial. Epilepsia, 2021, 62, 795-806.	5.1	39
12	Challenges and Opportunities in Multimodal Monitoring and Data Analytics in Traumatic Brain Injury. Current Neurology and Neuroscience Reports, 2021, 21, 6.	4.2	14
13	Early Neurologic Recovery, Practice Pattern Variation, and the Risk of Endotracheal Intubation Following Established Status Epilepticus. Neurology, 2021, 96, e2372-e2386.	1.1	6
14	Responsive neurostimulation for focal motor status epilepticus. Annals of Clinical and Translational Neurology, 2021, 8, 1353-1361.	3.7	8
15	Automated Annotation of Epileptiform Burden and Its Association with Outcomes. Annals of Neurology, 2021, 90, 300-311.	5.3	19
16	Early Brain Injury and Soluble ST2 After Nontraumatic Subarachnoid Hemorrhage. Stroke, 2021, 52, e494-e496.	2.0	3
17	Seizures, Status Epilepticus, and Continuous EEG in the Intensive Care Unit. CONTINUUM Lifelong Learning in Neurology, 2021, 27, 1321-1343.	0.8	3
18	Which Spreading Depolarizations Are Deleterious To Brain Tissue?. Neurocritical Care, 2020, 32, 317-322.	2.4	40

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19	Assessment of the Validity of the 2HELPS2B Score for Inpatient Seizure Risk Prediction. JAMA Neurology, 2020, 77, 500.	9.0	58
20	EEG Correlates of Language Function in Traumatic Disorders of Consciousness. Neurocritical Care, 2020, 33, 449-457.	2.4	17
21	A Novel Correction Equation Avoids High-Magnitude Errors in Interpreting Therapeutic Drug Monitoring of Phenytoin Among Critically Ill Patients. Therapeutic Drug Monitoring, 2020, 42, 617-625.	2.0	7
22	Efficacy of levetiracetam, fosphenytoin, and valproate for established status epilepticus by age group (ESETT): a double-blind, responsive-adaptive, randomised controlled trial. Lancet, The, 2020, 395, 1217-1224.	13.7	143
23	Soluble ST2 Is Associated With New Epileptiform Abnormalities Following Nontraumatic Subarachnoid Hemorrhage. Stroke, 2020, 51, 1128-1134.	2.0	11
24	A standardized nomenclature for spectrogram EEG patterns: Inter-rater agreement and correspondence with common intensive care unit EEG patterns. Clinical Neurophysiology, 2020, 131, 2298-2306.	1.5	8
25	Burst Suppression: Causes and Effects on Mortality in Critical Illness. Neurocritical Care, 2020, 33, 565-574.	2.4	13
26	Burden of Epileptiform Activity Predicts Discharge Neurologic Outcomes in Severe Acute Ischemic Stroke. Neurocritical Care, 2020, 32, 697-706.	2.4	29
27	Neuromonitoring: No Longer a Spectator Sport. Neurocritical Care, 2020, 33, 646-647.	2.4	0
28	Electrographic predictors of successful weaning from anaesthetics in refractory status epilepticus. Brain, 2020, 143, 1143-1157.	7.6	13
29	Evaluation of andexanet alfa and four‐factor prothrombin complex concentrate (4F‐PCC) for reversal of rivaroxaban‐and apixaban‐associated intracranial hemorrhages. Journal of Thrombosis and Haemostasis, 2020, 18, 1637-1647.	3.8	70
30	Continuous EEG Monitoring: Systems of Care. Current Clinical Neurology, 2020, , 311-326.	0.2	0
31	Early seizures and temporal lobe trauma predict post-traumatic epilepsy: A longitudinal study. Neurobiology of Disease, 2019, 123, 115-121.	4.4	91
32	The epilepsy bioinformatics study for anti-epileptogenic therapy (EpiBioS4Rx) clinical biomarker: Study design and protocol. Neurobiology of Disease, 2019, 123, 110-114.	4.4	32
33	Lateralized periodic discharges frequency correlates with glucose metabolism. Neurology, 2019, 92, e670-e674.	1.1	32
34	Continuous electroencephalography predicts delayed cerebral ischemia after subarachnoid hemorrhage: A prospective study of diagnostic accuracy. Annals of Neurology, 2018, 83, 958-969.	5.3	102
35	Medical Device Connectivity Challenges Outline the Technical Requirements and Standards For Promoting Big Data Research and Personalized Medicine in Neurocritical Care. Military Medicine, 2018, 183, 99-104.	0.8	15
36	ADARRI: a novel method to detect spurious R-peaks in the electrocardiogram for heart rate variability analysis in the intensive care unit. Journal of Clinical Monitoring and Computing, 2018, 32, 53-61.	1.6	7

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37	Electronic Health Data Predict Outcomes After Aneurysmal Subarachnoid Hemorrhage. Neurocritical Care, 2018, 28, 184-193.	2.4	21
38	Rapid Annotation of Seizures and Interictal-ictal Continuum EEG Patterns. , 2018, 2018, 3394-3397.		7
39	Effect of epileptiform abnormality burden on neurologic outcome and antiepileptic drug management after subarachnoid hemorrhage. Clinical Neurophysiology, 2018, 129, 2219-2227.	1.5	37
40	Real-Time, Automated Detection of Ventilator-Associated Events: Avoiding Missed Detections, Misclassifications, and False Detections Due to Human Error. Infection Control and Hospital Epidemiology, 2018, 39, 826-833.	1.8	13
41	Functional networks reemerge during recovery ofÂconsciousness after acute severe traumatic brainÂinjury. Cortex, 2018, 106, 299-308.	2.4	101
42	Neuroimaging Correlates of Periodic Discharges. Journal of Clinical Neurophysiology, 2018, 35, 279-294.	1.7	14
43	Education Research: Variation in priorities for neurocritical care education expressed across role groups. Neurology, 2018, 90, 1117-1122.	1.1	5
44	Successful Wean Despite Emergence of Ictalâ€"Interictal EEG Patterns During the Weaning of Prolonged Burst-Suppression Therapy for Super-Refractory Status Epilepticus. Neurocritical Care, 2018, 29, 452-462.	2.4	9
45	Prolonged monitoring of cerebral blood flow and autoregulation with diffuse correlation spectroscopy in neurocritical care patients. Neurophotonics, 2018, 5, 1.	3.3	46
46	The continuum of spreading depolarizations in acute cortical lesion development: Examining LeÃ£oâ€™s legacy. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1571-1594.	4.3	297
47	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1595-1625.	4.3	255
48	Epileptiform abnormalities predict delayed cerebral ischemia in subarachnoid hemorrhage. Clinical Neurophysiology, 2017, 128, 1091-1099.	1.5	47
49	Firstâ€inâ€man allopregnanolone use in superâ€refractory status epilepticus. Annals of Clinical and Translational Neurology, 2017, 4, 411-414.	3.7	37
50	Performance of Spectrogram-Based Seizure Identification of Adult EEGs by Critical Care Nurses and Neurophysiologists. Journal of Clinical Neurophysiology, 2017, 34, 359-364.	1.7	30
51	Early detection of consciousness in patients with acute severe traumatic brain injury. Brain, 2017, 140, 2399-2414.	7.6	244
52	Brexanolone as adjunctive therapy in superâ€refractory status epilepticus. Annals of Neurology, 2017, 82, 342-352.	5.3	70
53	Extreme delta brush evolving into status epilepticus in a patient with anti-NMDA encephalitis. Epilepsy & Behavior Case Reports, 2017, 7, 69-71.	1.5	8
54	Automatic Classification of Sedation Levels in ICU Patients Using Heart Rate Variability. Critical Care Medicine, 2016, 44, e782-e789.	0.9	25

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55	Heart rate variability as a biomarker for sedation depth estimation in ICU patients. , 2016, 2016, 6397-6400.		0
56	Clinical Development and Implementation of an Institutional Guideline for Prospective EEG Monitoring and Reporting of Delayed Cerebral Ischemia. Journal of Clinical Neurophysiology, 2016, 33, 217-226.	1.7	27
57	Intracranial hemorrhage alters scalp potential distribution in bioimpedance cerebral monitoring: Preliminary results from FEM simulation on a realistic head model and human subjects. Medical Physics, 2016, 43, 675-686.	3.0	6
58	Blowing the whistle on sports concussions: Will the risk of dementia change the game?. Neurology, 2016, 86, 1929-1930.	1.1	3
59	Anterior Temporal Lobectomy for Refractory Status Epilepticus in Herpes Simplex Encephalitis. Neurocritical Care, 2016, 25, 458-463.	2.4	14
60	Interrater Agreement for Consensus Definitions of Delayed Ischemic Events After Aneurysmal Subarachnoid Hemorrhage. Journal of Clinical Neurophysiology, 2016, 33, 235-240.	1.7	16
61	Automation of Classical QEEG Trending Methods for Early Detection of Delayed Cerebral Ischemia. Journal of Clinical Neurophysiology, 2016, 33, 227-234.	1.7	15
62	Metabolic Correlates of the Ictal-Interictal Continuum: FDG-PET During Continuous EEG. Neurocritical Care, 2016, 24, 324-331.	2.4	103
63	Default Mode Network Perfusion in Aneurysmal Subarachnoid Hemorrhage. Neurocritical Care, 2016, 25, 237-242.	2.4	5
64	Automated information extraction from free-text EEG reports. , 2015, 2015, 6804-7.		5
65	The probability of seizures during EEG monitoring in critically ill adults. Clinical Neurophysiology, 2015, 126, 463-471.	1.5	116
66	Diagnostic, Prognostic, and Advanced Imaging in Severe Traumatic Brain Injury. Current Trauma Reports, 2015, 1, 133-146.	1.3	5
67	The standardization debate: A conflation trap in critical care electroencephalography. Seizure: the Journal of the British Epilepsy Association, 2015, 24, 52-58.	2.0	9
68	Phylogenetic and epidemiologic evidence of multiyear incubation in human rabies. Annals of Neurology, 2014, 75, 155-160.	5.3	37
69	Neuroprognostication of hypoxic–ischaemic coma in the therapeutic hypothermia era. Nature Reviews Neurology, 2014, 10, 190-203.	10.1	81
70	Spectrogram screening of adult EEGs is sensitive and efficient. Neurology, 2014, 83, 56-64.	1.1	72
71	High Risk for Seizures Following Subarachnoid Hemorrhage Regardless of Referral Bias. Neurocritical Care, 2014, 21, 476-482.	2.4	33
72	Calculating the Risk Benefit Equation for Aggressive Treatment of Non-convulsive Status Epilepticus. Neurocritical Care, 2013, 18, 216-227.	2.4	36

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73	Process Improvement Methods Increase the Efficiency, Accuracy, and Utility of a Neurocritical Care Research Repository. Neurocritical Care, 2012, 17, 90-96.	2.4	4
74	The Utility of EEG, SSEP, and Other Neurophysiologic Tools to Guide Neurocritical Care. Neurotherapeutics, 2012, 9, 24-36.	4.4	23
75	Remote Supervision of IV-tPA for Acute Ischemic Stroke by Telemedicine or Telephone Before Transfer to a Regional Stroke Center Is Feasible and Safe. Stroke, 2010, 41, e18-24.	2.0	141
76	ABC/2 for rapid clinical estimate of infarct, perfusion, and mismatch volumes. Neurology, 2009, 72, 2104-2110.	1.1	352
77	Role of Recanalization in Acute Stroke Outcome: Rationale for a CT Angiogram-Based â€œBenefit of Recanalizationâ€•Model: Fig 1.. American Journal of Neuroradiology, 2008, 29, 1471-1475.	2.4	53
78	Poor Outcomes in Patients Who Do Not Receive Intravenous Tissue Plasminogen Activator Because of Mild or Improving Ischemic Stroke. Stroke, 2005, 36, 2497-2499.	2.0	228
79	Hypoattenuation on CT angiographic source images predicts risk of intracerebral hemorrhage and outcome after intra-arterial reperfusion therapy. American Journal of Neuroradiology, 2005, 26, 1798-803.	2.4	22
80	Virtual TeleStroke Support for the Emergency Department Evaluation of Acute Stroke. Academic Emergency Medicine, 2004, 11, 1193-1197.	1.8	136
81	PSA-NCAM distinguishes reactive astrocytes in 6-OHDA-lesioned substantia nigra from those in the striatal terminal fields. Journal of Neuroscience Research, 2000, 61, 588-596.	2.9	46
82	PSAâ€•NCAM distinguishes reactive astrocytes in 6â€•OHDAâ€•lesioned substantia nigra from those in the striatal terminal fields. Journal of Neuroscience Research, 2000, 61, 588-596.	2.9	0
83	TeleStroke: Application of Telemedicine in Acute Ischemic Stroke. , 0, , 213-232.		0
84	Neurocritical Care Performance Measures Derived from Electronic Health Record Data are Feasible and Reveal Site-Specific Variation: A CHoRUS Pilot Project. Neurocritical Care, 0, , .	2.4	3