

Eric Scott Rosenthal

List of Publications by Year in descending order

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83
papers

4,179
citations

168829

31
h-index

139680

61
g-index

86
all docs

86
docs citations

86
times ranked

4882
citing authors

#	ARTICLE	IF	CITATIONS
1	The Utility of Quantitative EEG in Detecting Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 207-215.	0.9	12
2	Antiseizure Medication Treatment and Outcomes in Patients with Subarachnoid Hemorrhage Undergoing Continuous EEG Monitoring. <i>Neurocritical Care</i> , 2022, 36, 857-867.	1.2	8
3	Combining Transcranial Doppler and EEG Data to Predict Delayed Cerebral Ischemia After Subarachnoid Hemorrhage. <i>Neurology</i> , 2022, 98, .	1.5	12
4	Prognostication in Acute Neurological Emergencies. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022, 31, 106277.	0.7	6
5	Cortical Spreading Depolarizations and Clinically Measured Scalp EEG Activity After Aneurysmal Subarachnoid Hemorrhage and Traumatic Brain Injury. <i>Neurocritical Care</i> , 2022, 37, 49-59.	1.2	5
6	Severe Cerebral Edema in Substance-Related Cardiac Arrest Patients. <i>Resuscitation</i> , 2022, , .	1.3	2
7	Anti-seizure medication treatment and outcomes in acute ischemic stroke patients undergoing continuous EEG monitoring. <i>Neurological Sciences</i> , 2022, 43, 5441-5449.	0.9	1
8	Deep active learning for interictal ictal injury continuum EEG patterns. <i>Journal of Neuroscience Methods</i> , 2021, 351, 108966.	1.3	8
9	Electroencephalography, Hospital Complications, and Longitudinal Outcomes After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2021, 35, 397-408.	1.2	8
10	American Clinical Neurophysiology Society's Standardized Critical Care EEG Terminology: 2021 Version. <i>Journal of Clinical Neurophysiology</i> , 2021, 38, 1-29.	0.9	370
11	Patterns of benzodiazepine underdosing in the Established Status Epilepticus Treatment Trial. <i>Epilepsia</i> , 2021, 62, 795-806.	2.6	39
12	Challenges and Opportunities in Multimodal Monitoring and Data Analytics in Traumatic Brain Injury. <i>Current Neurology and Neuroscience Reports</i> , 2021, 21, 6.	2.0	14
13	Early Neurologic Recovery, Practice Pattern Variation, and the Risk of Endotracheal Intubation Following Established Status Epilepticus. <i>Neurology</i> , 2021, 96, e2372-e2386.	1.5	6
14	Responsive neurostimulation for focal motor status epilepticus. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1353-1361.	1.7	8
15	Automated Annotation of Epileptiform Burden and Its Association with Outcomes. <i>Annals of Neurology</i> , 2021, 90, 300-311.	2.8	19
16	Early Brain Injury and Soluble ST2 After Nontraumatic Subarachnoid Hemorrhage. <i>Stroke</i> , 2021, 52, e494-e496.	1.0	3
17	Seizures, Status Epilepticus, and Continuous EEG in the Intensive Care Unit. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2021, 27, 1321-1343.	0.4	3
18	Which Spreading Depolarizations Are Deleterious To Brain Tissue?. <i>Neurocritical Care</i> , 2020, 32, 317-322.	1.2	40

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19	Assessment of the Validity of the 2HELPS2B Score for Inpatient Seizure Risk Prediction. <i>JAMA Neurology</i> , 2020, 77, 500.	4.5	58
20	EEG Correlates of Language Function in Traumatic Disorders of Consciousness. <i>Neurocritical Care</i> , 2020, 33, 449-457.	1.2	17
21	A Novel Correction Equation Avoids High-Magnitude Errors in Interpreting Therapeutic Drug Monitoring of Phenytoin Among Critically Ill Patients. <i>Therapeutic Drug Monitoring</i> , 2020, 42, 617-625.	1.0	7
22	Efficacy of levetiracetam, fosphenytoin, and valproate for established status epilepticus by age group (ESETT): a double-blind, responsive-adaptive, randomised controlled trial. <i>Lancet, The</i> , 2020, 395, 1217-1224.	6.3	143
23	Soluble ST2 Is Associated With New Epileptiform Abnormalities Following Nontraumatic Subarachnoid Hemorrhage. <i>Stroke</i> , 2020, 51, 1128-1134.	1.0	11
24	A standardized nomenclature for spectrogram EEG patterns: Inter-rater agreement and correspondence with common intensive care unit EEG patterns. <i>Clinical Neurophysiology</i> , 2020, 131, 2298-2306.	0.7	8
25	Burst Suppression: Causes and Effects on Mortality in Critical Illness. <i>Neurocritical Care</i> , 2020, 33, 565-574.	1.2	13
26	Burden of Epileptiform Activity Predicts Discharge Neurologic Outcomes in Severe Acute Ischemic Stroke. <i>Neurocritical Care</i> , 2020, 32, 697-706.	1.2	29
27	Neuromonitoring: No Longer a Spectator Sport. <i>Neurocritical Care</i> , 2020, 33, 646-647.	1.2	0
28	Electrographic predictors of successful weaning from anaesthetics in refractory status epilepticus. <i>Brain</i> , 2020, 143, 1143-1157.	3.7	13
29	Evaluation of andexanet alfa and four-factor prothrombin complex concentrate (4F-PCC) for reversal of rivaroxaban and apixaban-associated intracranial hemorrhages. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 1637-1647.	1.9	70
30	Continuous EEG Monitoring: Systems of Care. <i>Current Clinical Neurology</i> , 2020, , 311-326.	0.1	0
31	Early seizures and temporal lobe trauma predict post-traumatic epilepsy: A longitudinal study. <i>Neurobiology of Disease</i> , 2019, 123, 115-121.	2.1	91
32	The epilepsy bioinformatics study for anti-epileptogenic therapy (EpiBioS4Rx) clinical biomarker: Study design and protocol. <i>Neurobiology of Disease</i> , 2019, 123, 110-114.	2.1	32
33	Lateralized periodic discharges frequency correlates with glucose metabolism. <i>Neurology</i> , 2019, 92, e670-e674.	1.5	32
34	Continuous electroencephalography predicts delayed cerebral ischemia after subarachnoid hemorrhage: A prospective study of diagnostic accuracy. <i>Annals of Neurology</i> , 2018, 83, 958-969.	2.8	102
35	Medical Device Connectivity Challenges Outline the Technical Requirements and Standards For Promoting Big Data Research and Personalized Medicine in Neurocritical Care. <i>Military Medicine</i> , 2018, 183, 99-104.	0.4	15
36	ADARRI: a novel method to detect spurious R-peaks in the electrocardiogram for heart rate variability analysis in the intensive care unit. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 53-61.	0.7	7

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37	Electronic Health Data Predict Outcomes After Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2018, 28, 184-193.	1.2	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. <i>Clinical Neurophysiology</i> , 2018, 129, 2219-2227.	0.7	37
40	Real-Time, Automated Detection of Ventilator-Associated Events: Avoiding Missed Detections, Misclassifications, and False Detections Due to Human Error. <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 826-833.	1.0	13
41	Functional networks reemerge during recovery of consciousness after acute severe traumatic brain injury. <i>Cortex</i> , 2018, 106, 299-308.	1.1	101
42	Neuroimaging Correlates of Periodic Discharges. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 279-294.	0.9	14
43	Education Research: Variation in priorities for neurocritical care education expressed across role groups. <i>Neurology</i> , 2018, 90, 1117-1122.	1.5	5
44	Successful Wean Despite Emergence of Ictal Interictal EEG Patterns During the Weaning of Prolonged Burst-Suppression Therapy for Super-Refractory Status Epilepticus. <i>Neurocritical Care</i> , 2018, 29, 452-462.	1.2	9
45	Prolonged monitoring of cerebral blood flow and autoregulation with diffuse correlation spectroscopy in neurocritical care patients. <i>Neurophotonics</i> , 2018, 5, 1.	1.7	46
46	The continuum of spreading depolarizations in acute cortical lesion development: Examining Levetiracetam's legacy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1571-1594.	2.4	297
47	Recording, analysis, and interpretation of spreading depolarizations in neurointensive care: Review and recommendations of the COSBID research group. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 1595-1625.	2.4	255
48	Epileptiform abnormalities predict delayed cerebral ischemia in subarachnoid hemorrhage. <i>Clinical Neurophysiology</i> , 2017, 128, 1091-1099.	0.7	47
49	First-in-man allopregnanolone use in super-refractory status epilepticus. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 411-414.	1.7	37
50	Performance of Spectrogram-Based Seizure Identification of Adult EEGs by Critical Care Nurses and Neurophysiologists. <i>Journal of Clinical Neurophysiology</i> , 2017, 34, 359-364.	0.9	30
51	Early detection of consciousness in patients with acute severe traumatic brain injury. <i>Brain</i> , 2017, 140, 2399-2414.	3.7	244
52	Brexanolone as adjunctive therapy in super-refractory status epilepticus. <i>Annals of Neurology</i> , 2017, 82, 342-352.	2.8	70
53	Extreme delta brush evolving into status epilepticus in a patient with anti-NMDA encephalitis. <i>Epilepsy & Behavior Case Reports</i> , 2017, 7, 69-71.	1.5	8
54	Automatic Classification of Sedation Levels in ICU Patients Using Heart Rate Variability. <i>Critical Care Medicine</i> , 2016, 44, e782-e789.	0.4	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.	0.9	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.	1.6	6
58	Blowing the whistle on sports concussions: Will the risk of dementia change the game?. Neurology, 2016, 86, 1929-1930.	1.5	3
59	Anterior Temporal Lobectomy for Refractory Status Epilepticus in Herpes Simplex Encephalitis. Neurocritical Care, 2016, 25, 458-463.	1.2	14
60	Interrater Agreement for Consensus Definitions of Delayed Ischemic Events After Aneurysmal Subarachnoid Hemorrhage. Journal of Clinical Neurophysiology, 2016, 33, 235-240.	0.9	16
61	Automation of Classical QEEG Trending Methods for Early Detection of Delayed Cerebral Ischemia. Journal of Clinical Neurophysiology, 2016, 33, 227-234.	0.9	15
62	Metabolic Correlates of the Ictal-Interictal Continuum: FDG-PET During Continuous EEG. Neurocritical Care, 2016, 24, 324-331.	1.2	103
63	Default Mode Network Perfusion in Aneurysmal Subarachnoid Hemorrhage. Neurocritical Care, 2016, 25, 237-242.	1.2	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.	0.7	116
66	Diagnostic, Prognostic, and Advanced Imaging in Severe Traumatic Brain Injury. Current Trauma Reports, 2015, 1, 133-146.	0.6	5
67	The standardization debate: A conflation trap in critical care electroencephalography. Seizure: the Journal of the British Epilepsy Association, 2015, 24, 52-58.	0.9	9
68	Phylogenetic and epidemiologic evidence of multiyear incubation in human rabies. Annals of Neurology, 2014, 75, 155-160.	2.8	37
69	Neuroprognostication of hypoxic-ischaemic coma in the therapeutic hypothermia era. Nature Reviews Neurology, 2014, 10, 190-203.	4.9	81
70	Spectrogram screening of adult EEGs is sensitive and efficient. Neurology, 2014, 83, 56-64.	1.5	72
71	High Risk for Seizures Following Subarachnoid Hemorrhage Regardless of Referral Bias. Neurocritical Care, 2014, 21, 476-482.	1.2	33
72	Calculating the Risk Benefit Equation for Aggressive Treatment of Non-convulsive Status Epilepticus. Neurocritical Care, 2013, 18, 216-227.	1.2	36

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73	Process Improvement Methods Increase the Efficiency, Accuracy, and Utility of a Neurocritical Care Research Repository. <i>Neurocritical Care</i> , 2012, 17, 90-96.	1.2	4
74	The Utility of EEG, SSEP, and Other Neurophysiologic Tools to Guide Neurocritical Care. <i>Neurotherapeutics</i> , 2012, 9, 24-36.	2.1	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. <i>Stroke</i> , 2010, 41, e18-24.	1.0	141
76	ABC/2 for rapid clinical estimate of infarct, perfusion, and mismatch volumes. <i>Neurology</i> , 2009, 72, 2104-2110.	1.5	352
77	Role of Recanalization in Acute Stroke Outcome: Rationale for a CT Angiogram-Based "Benefit of Recanalization" Model: Fig 1.. <i>American Journal of Neuroradiology</i> , 2008, 29, 1471-1475.	1.2	53
78	Poor Outcomes in Patients Who Do Not Receive Intravenous Tissue Plasminogen Activator Because of Mild or Improving Ischemic Stroke. <i>Stroke</i> , 2005, 36, 2497-2499.	1.0	228
79	Hypoattenuation on CT angiographic source images predicts risk of intracerebral hemorrhage and outcome after intra-arterial reperfusion therapy. <i>American Journal of Neuroradiology</i> , 2005, 26, 1798-803.	1.2	22
80	Virtual TeleStroke Support for the Emergency Department Evaluation of Acute Stroke. <i>Academic Emergency Medicine</i> , 2004, 11, 1193-1197.	0.8	136
81	PSA-NCAM distinguishes reactive astrocytes in 6-OHDA-lesioned substantia nigra from those in the striatal terminal fields. <i>Journal of Neuroscience Research</i> , 2000, 61, 588-596.	1.3	46
82	TeleStroke: Application of Telemedicine in Acute Ischemic Stroke. , 0, , 213-232.		0
83	Neurocritical Care Performance Measures Derived from Electronic Health Record Data are Feasible and Reveal Site-Specific Variation: A CHoRUS Pilot Project. <i>Neurocritical Care</i> , 0, , .	1.2	3