

Eric Scott Rosenthal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79
papers

2,593
citations

26
h-index

50
g-index

85
ext. papers

3,442
ext. citations

5
avg. IF

4.78
L-index

#	Paper	IF	Citations
79	ABC/2 for rapid clinical estimate of infarct, perfusion, and mismatch volumes. <i>Neurology</i> , 2009 , 72, 2104-10	6.9	314
78	The continuum of spreading depolarizations in acute cortical lesion development: Examining LeB's legacy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 1571-1594	7.3	205
77	Poor outcomes in patients who do not receive intravenous tissue plasminogen activator because of mild or improving ischemic stroke. <i>Stroke</i> , 2005 , 36, 2497-9	6.7	195
76	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	7.3	173
75	Early detection of consciousness in patients with acute severe traumatic brain injury. <i>Brain</i> , 2017 , 140, 2399-2414	11.2	135
74	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	6.7	125
73	Virtual TeleStroke support for the emergency department evaluation of acute stroke. <i>Academic Emergency Medicine</i> , 2004 , 11, 1193-7	3.4	97
72	The probability of seizures during EEG monitoring in critically ill adults. <i>Clinical Neurophysiology</i> , 2015 , 126, 463-71	4.3	83
71	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	40	76
70	American Clinical Neurophysiology Society's Standardized Critical Care EEG Terminology: 2021 Version. <i>Journal of Clinical Neurophysiology</i> , 2021 , 38, 1-29	2.2	76
69	Metabolic Correlates of the Ictal-Interictal Continuum: FDG-PET During Continuous EEG. <i>Neurocritical Care</i> , 2016 , 24, 324-31	3.3	70
68	Neuroprognostication of hypoxic-ischaemic coma in the therapeutic hypothermia era. <i>Nature Reviews Neurology</i> , 2014 , 10, 190-203	15	58
67	Spectrogram screening of adult EEGs is sensitive and efficient. <i>Neurology</i> , 2014 , 83, 56-64	6.5	56
66	Continuous electroencephalography predicts delayed cerebral ischemia after subarachnoid hemorrhage: A prospective study of diagnostic accuracy. <i>Annals of Neurology</i> , 2018 , 83, 958-969	9.4	55
65	Brexanolone as adjunctive therapy in super-refractory status epilepticus. <i>Annals of Neurology</i> , 2017 , 82, 342-352	9.4	53
64	Role of recanalization in acute stroke outcome: rationale for a CT angiogram-based "benefit of recanalization" model. <i>American Journal of Neuroradiology</i> , 2008 , 29, 1471-5	4.4	49
63	Functional networks reemerge during recovery of consciousness after acute severe traumatic brain injury. <i>Cortex</i> , 2018 , 106, 299-308	3.8	49

62	Early seizures and temporal lobe trauma predict post-traumatic epilepsy: A longitudinal study. <i>Neurobiology of Disease</i> , 2019 , 123, 115-121	7.5	48
61	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, 588-96	4.4	42
60	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	15.4	37
59	Epileptiform abnormalities predict delayed cerebral ischemia in subarachnoid hemorrhage. <i>Clinical Neurophysiology</i> , 2017 , 128, 1091-1099	4.3	33
58	First-in-man allopregnanolone use in super-refractory status epilepticus. <i>Annals of Clinical and Translational Neurology</i> , 2017 , 4, 411-414	5.3	32
57	Calculating the risk benefit equation for aggressive treatment of non-convulsive status epilepticus. <i>Neurocritical Care</i> , 2013 , 18, 216-27	3.3	29
56	High risk for seizures following subarachnoid hemorrhage regardless of referral bias. <i>Neurocritical Care</i> , 2014 , 21, 476-82	3.3	28
55	Prolonged monitoring of cerebral blood flow and autoregulation with diffuse correlation spectroscopy in neurocritical care patients. <i>Neurophotonics</i> , 2018 , 5, 045005	3.9	27
54	Which Spreading Depolarizations Are Deleterious To Brain Tissue?. <i>Neurocritical Care</i> , 2020 , 32, 317-322	3.3	25
53	Phylogenetic and epidemiologic evidence of multiyear incubation in human rabies. <i>Annals of Neurology</i> , 2014 , 75, 155-60	9.4	23
52	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	4.4	22
51	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	2.2	21
50	Automatic Classification of Sedation Levels in ICU Patients Using Heart Rate Variability. <i>Critical Care Medicine</i> , 2016 , 44, e782-9	1.4	21
49	Clinical Development and Implementation of an Institutional Guideline for Prospective EEG Monitoring and Reporting of Delayed Cerebral Ischemia. <i>Journal of Clinical Neurophysiology</i> , 2016 , 33, 217-26	2.2	21
48	Assessment of the Validity of the ZHELPS2B Score for Inpatient Seizure Risk Prediction. <i>JAMA Neurology</i> , 2020 , 77, 500-507	17.2	20
47	The utility of EEG, SSEP, and other neurophysiologic tools to guide neurocritical care. <i>Neurotherapeutics</i> , 2012 , 9, 24-36	6.4	18
46	Effect of epileptiform abnormality burden on neurologic outcome and antiepileptic drug management after subarachnoid hemorrhage. <i>Clinical Neurophysiology</i> , 2018 , 129, 2219-2227	4.3	18
45	Lateralized periodic discharges frequency correlates with glucose metabolism. <i>Neurology</i> , 2019 , 92, e670-674	6.5	17

44	The epilepsy bioinformatics study for anti-epileptogenic therapy (EpiBioS4Rx) clinical biomarker: Study design and protocol. <i>Neurobiology of Disease</i> , 2019 , 123, 110-114	7.5	16
43	Interrater Agreement for Consensus Definitions of Delayed Ischemic Events After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Clinical Neurophysiology</i> , 2016 , 33, 235-40	2.2	13
42	Burden of Epileptiform Activity Predicts Discharge Neurologic Outcomes in Severe Acute Ischemic Stroke. <i>Neurocritical Care</i> , 2020 , 32, 697-706	3.3	12
41	Neuroimaging Correlates of Periodic Discharges. <i>Journal of Clinical Neurophysiology</i> , 2018 , 35, 279-294	2.2	12
40	Electronic Health Data Predict Outcomes After Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2018 , 28, 184-193	3.3	11
39	Anterior Temporal Lobectomy for Refractory Status Epilepticus in Herpes Simplex Encephalitis. <i>Neurocritical Care</i> , 2016 , 25, 458-463	3.3	11
38	Automation of Classical QEEG Trending Methods for Early Detection of Delayed Cerebral Ischemia: More Work to Do. <i>Journal of Clinical Neurophysiology</i> , 2016 , 33, 227-34	2.2	10
37	EEG Correlates of Language Function in Traumatic Disorders of Consciousness. <i>Neurocritical Care</i> , 2020 , 33, 449-457	3.3	10
36	Patterns of benzodiazepine underdosing in the Established Status Epilepticus Treatment Trial. <i>Epilepsia</i> , 2021 , 62, 795-806	6.4	9
35	The standardization debate: A conflation trap in critical care electroencephalography. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015 , 24, 52-8	3.2	7
34	Burst Suppression: Causes and Effects on Mortality in Critical Illness. <i>Neurocritical Care</i> , 2020 , 33, 565-574	3.3	7
33	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	1.3	7
32	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	3.3	7
31	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	2	7
30	Soluble ST2 Is Associated With New Epileptiform Abnormalities Following Nontraumatic Subarachnoid Hemorrhage. <i>Stroke</i> , 2020 , 51, 1128-1134	6.7	6
29	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	2	6
28	Extreme delta brush evolving into status epilepticus in a patient with anti-NMDA encephalitis. <i>Epilepsy & Behavior Case Reports</i> , 2017 , 7, 69-71	1.2	6
27	Electrographic predictors of successful weaning from anaesthetics in refractory status epilepticus. <i>Brain</i> , 2020 , 143, 1143-1157	11.2	5

26	Rapid Annotation of Seizures and Interictal-ictal Continuum EEG Patterns. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2018 , 2018, 3394-3397	0.9	5
25	Default Mode Network Perfusion in Aneurysmal Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2016 , 25, 237-42	3.3	4
24	Education Research: Variation in priorities for neurocritical care education expressed across role groups. <i>Neurology</i> , 2018 , 90, 1117-1122	6.5	4
23	Process improvement methods increase the efficiency, accuracy, and utility of a neurocritical care research repository. <i>Neurocritical Care</i> , 2012 , 17, 90-6	3.3	3
22	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	3.2	3
21	Responsive neurostimulation for focal motor status epilepticus. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 1353-1361	5.3	3
20	Intracranial hemorrhage alters scalp potential distribution in bioimpedance cerebral monitoring: Preliminary results from FEM simulation on a realistic head model and human subjects. <i>Medical Physics</i> , 2016 , 43, 675-86	4.4	3
19	Blowing the whistle on sports concussions: Will the risk of dementia change the game?. <i>Neurology</i> , 2016 , 86, 1929-30	6.5	3
18	The Utility of Quantitative EEG in Detecting Delayed Cerebral Ischemia After Aneurysmal Subarachnoid Hemorrhage. <i>Journal of Clinical Neurophysiology</i> , 2021 ,	2.2	3
17	Diagnostic, Prognostic, and Advanced Imaging in Severe Traumatic Brain Injury. <i>Current Trauma Reports</i> , 2015 , 1, 133-146	0.5	2
16	Automated information extraction from free-text EEG reports. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 6804-7	0.9	2
15	Combining Transcranial Doppler and EEG Data to Predict Delayed Cerebral Ischemia After Subarachnoid Hemorrhage. <i>Neurology</i> , 2021 ,	6.5	2
14	Deep active learning for Interictal Ictal Injury Continuum EEG patterns. <i>Journal of Neuroscience Methods</i> , 2021 , 351, 108966	3	2
13	Electroencephalography, Hospital Complications, and Longitudinal Outcomes After Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2021 , 35, 397-408	3.3	2
12	Challenges and Opportunities in Multimodal Monitoring and Data Analytics in Traumatic Brain Injury. <i>Current Neurology and Neuroscience Reports</i> , 2021 , 21, 6	6.6	2
11	Antiseizure Medication Treatment and Outcomes in Patients with Subarachnoid Hemorrhage Undergoing Continuous EEG Monitoring. <i>Neurocritical Care</i> , 2021 , 1	3.3	1
10	Automated Annotation of Epileptiform Burden and Its Association with Outcomes. <i>Annals of Neurology</i> , 2021 , 90, 300-311	9.4	1
9	Early Neurologic Recovery, Practice Pattern Variation, and the Risk of Endotracheal Intubation Following Established Status Epilepticus. <i>Neurology</i> , 2021 , 96, e2372-e2386	6.5	1

8	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 ^o	4.3	o
7	Cortical Spreading Depolarizations and Clinically Measured Scalp EEG Activity After Aneurysmal Subarachnoid Hemorrhage and Traumatic Brain Injury.. <i>Neurocritical Care</i> , 2022 , 1	3.3	o
6	Seizures, Status Epilepticus, and Continuous EEG in the Intensive Care Unit. <i>CONTINUUM Lifelong Learning in Neurology</i> , 2021 , 27, 1321-1343	3	o
5	Early Brain Injury and Soluble ST2 After Nontraumatic Subarachnoid Hemorrhage. <i>Stroke</i> , 2021 , 52, e4946-496	4.7	o
4	Continuous EEG Monitoring: Systems of Care. <i>Current Clinical Neurology</i> , 2020 , 311-326	0.1	
3	Prognostication in Acute Neurological Emergencies.. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2022 , 31, 106277	2.8	
2	Heart rate variability as a biomarker for sedation depth estimation in ICU patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 6397-6400	0.9	
1	TeleStroke: Application of Telemedicine in Acute Ischemic Stroke	213-232	