Aaron F Struck

List of Publications by Year
in descending order

53 papers	**1,304** citations	394421 **19** h-index	395702 **33** g-index
55 all docs	**55** docs citations	**55** times ranked	**1580** citing authors

#	Article	IF	Citations
1	Estimate of Patients With Missed Seizures Because of Delay in Conventional EEG. Journal of Clinical Neurophysiology, 2024, 41, 230-235.	1.7	1
2	VE-CAM-S: Visual EEG-Based Grading of Delirium Severity and Associations With Clinical Outcomes. , 2022, 4, e0611.		8
3	Engineering nonlinear epileptic biomarkers using deep learning and Benford's law. Scientific Reports, 2022, 12, 5397.	3.3	3
4	Association Between Lateralized Periodic Discharge Amplitude and Seizure on Continuous EEG Monitoring in Patients With Structural Brain Abnormality in Critical Illness. Frontiers in Neurology, 2022, 13, 840247.	2.4	2
5	Neurological Prognostication After Hypoglycemic Coma: Role of Clinical and EEG Findings. Neurocritical Care, 2022, 37, 273-280.	2.4	4
6	Deep active learning for interictal ictal injury continuum EEG patterns. Journal of Neuroscience Methods, 2021, 351, 108966.	2.5	8
7	Regional and global resting-state functional MR connectivity in temporal lobe epilepsy: Results from the Epilepsy Connectome Project. Epilepsy and Behavior, 2021, 117, 107841.	1.7	19
8	Behavioral phenotypes of temporal lobe epilepsy. Epilepsia Open, 2021, 6, 369-380.	2.4	10
9	Network topology of the cognitive phenotypes of temporal lobe epilepsy. Cortex, 2021, 141, 55-65.	2.4	10
10	A model of metabolic supply-demand mismatch leading to secondary brain injury. Journal of Neurophysiology, 2021, 126, 653-667.	1.8	5
11	Neurobehavioural comorbidities of epilepsy: towards a network-based precision taxonomy. Nature Reviews Neurology, 2021, 17, 731-746.	10.1	61
12	Assessment of the Validity of the 2HELPS2B Score for Inpatient Seizure Risk Prediction. JAMA Neurology, 2020, 77, 500.	9.0	58
13	Local Sleep Slow-Wave Activity Colocalizes With the Ictal Symptomatogenic Zone in a Patient With Reflex Epilepsy: A High-Density EEG Study. Frontiers in Systems Neuroscience, 2020, 14, 549309.	2.5	1
14	Network, clinical and sociodemographic features of cognitive phenotypes in temporal lobe epilepsy. NeuroImage: Clinical, 2020, 27, 102341.	2.7	43
15	Detecting Seizures and Epileptiform Abnormalities in Acute Brain Injury. Current Neurology and Neuroscience Reports, 2020, 20, 42.	4.2	9
16	Sensitivity of Continuous Electroencephalography to Detect Ictal Activity After Cardiac Arrest. JAMA Network Open, 2020, 3, e203751.	5.9	34
17	Validation of an algorithm of time-dependent electro-clinical risk stratification for electrographic seizures (TERSE) in critically ill patients. Clinical Neurophysiology, 2020, 131, 1956-1961.	1.5	7
18	Behavioral phenotypes of childhood idiopathic epilepsies. Epilepsia, 2020, 61, 1427-1437.	5.1	10

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19	Neuroticism in temporal lobe epilepsy is associated with altered limbic-frontal lobe resting-state functional connectivity. Epilepsy and Behavior, 2020, 110, 107172.	1.7	9
20	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
21	Brain aging in temporal lobe epilepsy: Chronological, structural, and functional. NeuroImage: Clinical, 2020, 25, 102183.	2.7	27
22	Validation of the 2HELPS2B Seizure Risk Score in Acute Brain Injury Patients. Neurocritical Care, 2020, 33, 701-707.	2.4	16
23	Quantitative spatio-temporal characterization of epileptic spikes using high density EEG: Differences between NREM sleep and REM sleep. Scientific Reports, 2020, 10, 1673.	3.3	21
24	Electrographic seizures and ictal–interictal continuum (IIC) patterns in critically ill patients. Epilepsy and Behavior, 2020, 106, 107037.	1.7	17
25	Neuroanatomical correlates of personality traits in temporal lobe epilepsy: Findings from the Epilepsy Connectome Project. Epilepsy and Behavior, 2019, 98, 220-227.	1.7	16
26	Comparison of machine learning models for seizure prediction in hospitalized patients. Annals of Clinical and Translational Neurology, 2019, 6, 1239-1247.	3.7	24
27	Cognitive slowing and its underlying neurobiology in temporal lobe epilepsy. Cortex, 2019, 117, 41-52.	2.4	34
28	Using Low-Frequency Oscillations to Detect Temporal Lobe Epilepsy with Machine Learning. Brain Connectivity, 2019, 9, 184-193.	1.7	15
29	Effective Connectivity Within the Default Mode Network in Left Temporal Lobe Epilepsy: Findings from the Epilepsy Connectome Project. Brain Connectivity, 2019, 9, 174-183.	1.7	29
30	Detecting abnormal electroencephalograms using deep convolutional networks. Clinical Neurophysiology, 2019, 130, 77-84.	1.5	40
31	Lateralized periodic discharges frequency correlates with glucose metabolism. Neurology, 2019, 92, e670-e674.	1.1	32
32	Neuroimaging Correlates of Periodic Discharges. Journal of Clinical Neurophysiology, 2018, 35, 279-294.	1.7	14
33	Thalamic and basal ganglia metabolism on interictal F-FDG PET in temporal lobe epilepsy: an SUV-based analysis. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 41-49.	1.0	2
34	Association of an Electroencephalography-Based Risk Score With Seizure Probability in Hospitalized Patients. JAMA Neurology, 2017, 74, 1419.	9.0	108
35	Time–dependent risk of seizures in critically ill patients on continuous electroencephalogram. Annals of Neurology, 2017, 82, 177-185.	5.3	65
36	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

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37	Cervical spinal canal narrowing in idiopathic syringomyelia. Neuroradiology, 2016, 58, 771-775.	2.2	8
38	Decision analysis of intracranial monitoring in non-lesional epilepsy. Seizure: the Journal of the British Epilepsy Association, 2016, 40, 59-70.	2.0	8
39	Metabolic Correlates of the Ictal-Interictal Continuum: FDG-PET During Continuous EEG. Neurocritical Care, 2016, 24, 324-331.	2.4	103
40	The sensitivity and specificity of F-DOPA PET in a movement disorder clinic. American Journal of Nuclear Medicine and Molecular Imaging, 2016, 6, 102-9.	1.0	18
41	The number of seizures needed in the <scp>EMU</scp>. Epilepsia, 2015, 56, 1753-1759.	5.1	49
42	Variability in clinical assessment of neuroimaging in temporal lobe epilepsy. Seizure: the Journal of the British Epilepsy Association, 2015, 30, 132-135.	2.0	6
43	(18)F-FDG PET/CT and pain in metastatic bone cancer. American Journal of Nuclear Medicine and Molecular Imaging, 2015, 5, 287-92.	1.0	2
44	Right Brain: Ondine's curse. Neurology, 2014, 83, e159.	1.1	0
45	Motor Neuron Disease With Selective Degeneration of Anterior Horn Cells Associated With Non-Hodgkin Lymphoma. Journal of Clinical Neuromuscular Disease, 2014, 16, 83-89.	0.7	7
46	Impact of expectation-maximization reconstruction iterations on the diagnosis of temporal lobe epilepsy with PET. American Journal of Nuclear Medicine and Molecular Imaging, 2012, 2, 335-43.	1.0	1
47	(18)F-DOPA PET with and without MRI fusion, a receiver operator characteristics comparison. American Journal of Nuclear Medicine and Molecular Imaging, 2012, 2, 475-82.	1.0	9
48	Surgical decision making in temporal lobe epilepsy: A comparison of [18F]FDG-PET, MRI, and EEG. Epilepsy and Behavior, 2011, 22, 293-297.	1.7	37
49	Clinical Molecular Imaging with PET Agents Other than 18F-FDG. Current Pharmaceutical Biotechnology, 2010, 11, 545-554.	1.6	7
50	Estimated risk of perihippocampal disease progression after hippocampal avoidance during whole-brain radiotherapy: Safety profile for RTOG 0933. Radiotherapy and Oncology, 2010, 95, 327-331.	0.6	166
51	Nonâ€ampullary duodenal adenocarcinoma: Factors important for relapse and survival. Journal of Surgical Oncology, 2009, 100, 144-148.	1.7	55
52	Idiopathic Syringomyelia: Phase-Contrast MR of Cerebrospinal Fluid Flow Dynamics at Level of Foramen Magnum. Radiology, 2009, 253, 184-190.	7.3	34
53	Spontaneous development of a de novo suprasellar arachnoid cyst. Journal of Neurosurgery: Pediatrics, 2006, 104, 426-428.	1.3	15