

# Aaron F Struck

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Estimated risk of perihippocampal disease progression after hippocampal avoidance during whole-brain radiotherapy: Safety profile for RTOG 0933. <i>Radiotherapy and Oncology</i> , 2010, 95, 327-331. | 0.6  | 166       |
| 2  | Association of an Electroencephalography-Based Risk Score With Seizure Probability in Hospitalized Patients. <i>JAMA Neurology</i> , 2017, 74, 1419.   | 9.0  | 108       |
| 3  | Metabolic Correlates of the Ictal-Interictal Continuum: FDG-PET During Continuous EEG. <i>Neurocritical Care</i> , 2016, 24, 324-331.  | 2.4  | 103       |
| 4  | Time-dependent risk of seizures in critically ill patients on continuous electroencephalogram. <i>Annals of Neurology</i> , 2017, 82, 177-185.   | 5.3  | 65        |
| 5  | Neurobehavioural comorbidities of epilepsy: towards a network-based precision taxonomy. <i>Nature Reviews Neurology</i> , 2021, 17, 731-746.   | 10.1 | 61        |
| 6  | Assessment of the Validity of the 2HELPS2B Score for Inpatient Seizure Risk Prediction. <i>JAMA Neurology</i> , 2020, 77, 500.   | 9.0  | 58        |
| 7  | Non-ampullary duodenal adenocarcinoma: Factors important for relapse and survival. <i>Journal of Surgical Oncology</i> , 2009, 100, 144-148.   | 1.7  | 55        |
| 8  | The number of seizures needed in the <sc>EMU</sc>. <i>Epilepsia</i> , 2015, 56, 1753-1759.   | 5.1  | 49        |
| 9  | Network, clinical and sociodemographic features of cognitive phenotypes in temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2020, 27, 102341.   | 2.7  | 43        |
| 10 | Detecting abnormal electroencephalograms using deep convolutional networks. <i>Clinical Neurophysiology</i> , 2019, 130, 77-84.  | 1.5  | 40        |
| 11 | Surgical decision making in temporal lobe epilepsy: A comparison of [18F]FDG-PET, MRI, and EEG. <i>Epilepsy and Behavior</i> , 2011, 22, 293-297.  | 1.7  | 37        |
| 12 | Idiopathic Syringomyelia: Phase-Contrast MR of Cerebrospinal Fluid Flow Dynamics at Level of Foramen Magnum. <i>Radiology</i> , 2009, 253, 184-190.  | 7.3  | 34        |
| 13 | Cognitive slowing and its underlying neurobiology in temporal lobe epilepsy. <i>Cortex</i> , 2019, 117, 41-52.   | 2.4  | 34        |
| 14 | Sensitivity of Continuous Electroencephalography to Detect Ictal Activity After Cardiac Arrest. <i>JAMA Network Open</i> , 2020, 3, e203751.   | 5.9  | 34        |
| 15 | Lateralized periodic discharges frequency correlates with glucose metabolism. <i>Neurology</i> , 2019, 92, e670-e674.  | 1.1  | 32        |
| 16 | Effective Connectivity Within the Default Mode Network in Left Temporal Lobe Epilepsy: Findings from the Epilepsy Connectome Project. <i>Brain Connectivity</i> , 2019, 9, 174-183.                    | 1.7  | 29        |
| 17 | Brain aging in temporal lobe epilepsy: Chronological, structural, and functional. <i>NeuroImage: Clinical</i> , 2020, 25, 102183.  | 2.7  | 27        |
| 18 | Comparison of machine learning models for seizure prediction in hospitalized patients. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1239-1247.                                     | 3.7  | 24        |

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|----|---|-----|-----------|
| 19 | Quantitative spatio-temporal characterization of epileptic spikes using high density EEG: Differences between NREM sleep and REM sleep. <i>Scientific Reports</i> , 2020, 10, 1673.     | 3.3 | 21        |
| 20 | Regional and global resting-state functional MR connectivity in temporal lobe epilepsy: Results from the Epilepsy Connectome Project. <i>Epilepsy and Behavior</i> , 2021, 117, 107841. | 1.7 | 19        |
| 21 | The sensitivity and specificity of F-DOPA PET in a movement disorder clinic. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 6, 102-9.                        | 1.0 | 18        |
| 22 | Electrographic seizures and ictal-interictal continuum (IIC) patterns in critically ill patients. <i>Epilepsy and Behavior</i> , 2020, 106, 107037.                                     | 1.7 | 17        |
| 23 | Neuroanatomical correlates of personality traits in temporal lobe epilepsy: Findings from the Epilepsy Connectome Project. <i>Epilepsy and Behavior</i> , 2019, 98, 220-227.            | 1.7 | 16        |
| 24 | Validation of the 2HELPS2B Seizure Risk Score in Acute Brain Injury Patients. <i>Neurocritical Care</i> , 2020, 33, 701-707.  | 2.4 | 16        |
| 25 | Spontaneous development of a de novo suprasellar arachnoid cyst. <i>Journal of Neurosurgery: Pediatrics</i> , 2006, 104, 426-428.   | 1.3 | 15        |
| 26 | Using Low-Frequency Oscillations to Detect Temporal Lobe Epilepsy with Machine Learning. <i>Brain Connectivity</i> , 2019, 9, 184-193.  | 1.7 | 15        |
| 27 | Neuroimaging Correlates of Periodic Discharges. <i>Journal of Clinical Neurophysiology</i> , 2018, 35, 279-294.   | 1.7 | 14        |
| 28 | Behavioral phenotypes of childhood idiopathic epilepsies. <i>Epilepsia</i> , 2020, 61, 1427-1437.   | 5.1 | 10        |
| 29 | Behavioral phenotypes of temporal lobe epilepsy. <i>Epilepsia Open</i> , 2021, 6, 369-380.  | 2.4 | 10        |
| 30 | Network topology of the cognitive phenotypes of temporal lobe epilepsy. <i>Cortex</i> , 2021, 141, 55-65.   | 2.4 | 10        |
| 31 | Detecting Seizures and Epileptiform Abnormalities in Acute Brain Injury. <i>Current Neurology and Neuroscience Reports</i> , 2020, 20, 42.  | 4.2 | 9         |
| 32 | Neuroticism in temporal lobe epilepsy is associated with altered limbic-frontal lobe resting-state functional connectivity. <i>Epilepsy and Behavior</i> , 2020, 110, 107172.           | 1.7 | 9         |
| 33 | (18)F-DOPA PET with and without MRI fusion, a receiver operator characteristics comparison. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 475-82.        | 1.0 | 9         |
| 34 | Cervical spinal canal narrowing in idiopathic syringomyelia. <i>Neuroradiology</i> , 2016, 58, 771-775.   | 2.2 | 8         |
| 35 | Decision analysis of intracranial monitoring in non-lesional epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 40, 59-70.                               | 2.0 | 8         |
| 36 | Extreme delta brush evolving into status epilepticus in a patient with anti-NMDA encephalitis. <i>Epilepsy &amp; Behavior Case Reports</i> , 2017, 7, 69-71.                            | 1.5 | 8         |

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|----|--|-----|-----------|
| 37 | 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.                   | 1.5 | 8         |
| 38 | Deep active learning for interictal ictal injury continuum EEG patterns. <i>Journal of Neuroscience Methods</i> , 2021, 351, 108966.   | 2.5 | 8         |
| 39 | VE-CAM-S: Visual EEG-Based Grading of Delirium Severity and Associations With Clinical Outcomes. , 2022, 4, e0611.   |     | 8         |
| 40 | Clinical Molecular Imaging with PET Agents Other than 18F-FDG. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 545-554.  | 1.6 | 7         |
| 41 | Motor Neuron Disease With Selective Degeneration of Anterior Horn Cells Associated With Non-Hodgkin Lymphoma. <i>Journal of Clinical Neuromuscular Disease</i> , 2014, 16, 83-89.  | 0.7 | 7         |
| 42 | Validation of an algorithm of time-dependent electro-clinical risk stratification for electrographic seizures (TERSE) in critically ill patients. <i>Clinical Neurophysiology</i> , 2020, 131, 1956-1961.                  | 1.5 | 7         |
| 43 | Variability in clinical assessment of neuroimaging in temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 30, 132-135.   | 2.0 | 6         |
| 44 | A model of metabolic supply-demand mismatch leading to secondary brain injury. <i>Journal of Neurophysiology</i> , 2021, 126, 653-667.   | 1.8 | 5         |
| 45 | Neurological Prognostication After Hypoglycemic Coma: Role of Clinical and EEG Findings. <i>Neurocritical Care</i> , 2022, 37, 273-280.  | 2.4 | 4         |
| 46 | Engineering nonlinear epileptic biomarkers using deep learning and Benford's law. <i>Scientific Reports</i> , 2022, 12, 5397.  | 3.3 | 3         |
| 47 | (18)F-FDG PET/CT and pain in metastatic bone cancer. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 5, 287-92.  | 1.0 | 2         |
| 48 | Thalamic and basal ganglia metabolism on interictal F-FDG PET in temporal lobe epilepsy: an SUV-based analysis. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 8, 41-49.                        | 1.0 | 2         |
| 49 | Association Between Lateralized Periodic Discharge Amplitude and Seizure on Continuous EEG Monitoring in Patients With Structural Brain Abnormality in Critical Illness. <i>Frontiers in Neurology</i> , 2022, 13, 840247. | 2.4 | 2         |
| 50 | Local Sleep Slow-Wave Activity Colocalizes With the Ictal Symptomatogenic Zone in a Patient With Reflex Epilepsy: A High-Density EEG Study. <i>Frontiers in Systems Neuroscience</i> , 2020, 14, 549309.                   | 2.5 | 1         |
| 51 | Impact of expectation-maximization reconstruction iterations on the diagnosis of temporal lobe epilepsy with PET. <i>American Journal of Nuclear Medicine and Molecular Imaging</i> , 2012, 2, 335-43.                     | 1.0 | 1         |
| 52 | Estimate of Patients With Missed Seizures Because of Delay in Conventional EEG. <i>Journal of Clinical Neurophysiology</i> , 2024, 41, 230-235.  | 1.7 | 1         |
| 53 | Right Brain: Ondine's curse. <i>Neurology</i> , 2014, 83, e159.  | 1.1 | 0         |