## Andrew J Cole

List of Publications by Year in descending order

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| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Rapid increase of an immediate early gene messenger RNA in hippocampal neurons by synaptic NMDA receptor activation. Nature, 1989, 340, 474-476.   | 27.8 | 1,019     |
| 2  | Long-term treatment with responsive brain stimulation in adults with refractory partial seizures.<br>Neurology, 2015, 84, 810-817.   | 1.1  | 557       |
| 3  | Twoâ€year seizure reduction in adults with medically intractable partial onset epilepsy treated with responsive neurostimulation: Final results of the RNS System Pivotal trial. Epilepsia, 2014, 55, 432-441. | 5.1  | 520       |
| 4  | Silent hippocampal seizures and spikes identified by foramen ovale electrodes in Alzheimer's disease.<br>Nature Medicine, 2017, 23, 678-680.   | 30.7 | 283       |
| 5  | Nine-year prospective efficacy and safety of brain-responsive neurostimulation for focal epilepsy.<br>Neurology, 2020, 95, e1244-e1256.  | 1.1  | 255       |
| 6  | Brainâ€responsive neurostimulation in patients with medically intractable mesial temporal lobe epilepsy. Epilepsia, 2017, 58, 994-1004.  | 5.1  | 227       |
| 7  | Epilepsy biomarkers. Epilepsia, 2013, 54, 61-69.   | 5.1  | 215       |
| 8  | D1Dopamine Receptor Activation of Multiple Transcription Factor Genes in Rat Striatum. Journal of Neurochemistry, 1992, 58, 1420-1426.   | 3.9  | 193       |
| 9  | Rapid Rise in Transcription Factor mRNAs in Rat Brain After Electroshock-Induced Seizures. Journal of Neurochemistry, 1990, 55, 1920-1927.   | 3.9  | 190       |
| 10 | Brainâ€responsive neurostimulation in patients with medically intractable seizures arising from eloquent and other neocortical areas. Epilepsia, 2017, 58, 1005-1014.  | 5.1  | 182       |
| 11 | Lateralization of mesial temporal lobe epilepsy with chronic ambulatory electrocorticography.<br>Epilepsia, 2015, 56, 959-967.   | 5.1  | 177       |
| 12 | Status Epilepticus and Periictal Imaging. Epilepsia, 2004, 45, 72-77.  | 5.1  | 147       |
| 13 | Flow Perturbation Mediates Neutrophil Recruitment and Potentiates Endothelial Injury via TLR2 in Mice. Circulation Research, 2017, 121, 31-42.   | 4.5  | 141       |
| 14 | The probability of seizures during EEG monitoring in critically ill adults. Clinical Neurophysiology, 2015, 126, 463-471.  | 1.5  | 116       |
| 15 | Metabolic Correlates of the Ictal-Interictal Continuum: FDG-PET During Continuous EEG.<br>Neurocritical Care, 2016, 24, 324-331.   | 2.4  | 103       |
| 16 | Continuous electroencephalography predicts delayed cerebral ischemia after subarachnoid<br>hemorrhage: A prospective study of diagnostic accuracy. Annals of Neurology, 2018, 83, 958-969.                     | 5.3  | 102       |
| 17 | Diffusion-weighted Imaging Abnormalities in the Splenium after Seizures. Epilepsia, 2003, 44, 852-854.   | 5.1  | 100       |
| 18 | Cryptogenic New Onset Refractory Status Epilepticus (NORSE) in adults—Infectious or not?. Journal of the Neurological Sciences, 2009, 277, 26-31.  | 0.6  | 99        |

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|----|--|-----|-----------|
| 19 | Development of Expert-Level Automated Detection of Epileptiform Discharges During<br>Electroencephalogram Interpretation. JAMA Neurology, 2020, 77, 103.                               | 9.0 | 94        |
| 20 | Association of epileptiform abnormalities and seizures in Alzheimer disease. Neurology, 2020, 95, e2259-e2270.   | 1.1 | 90        |
| 21 | Radiosurgery versus open surgery for mesial temporal lobe epilepsy: The randomized, controlled<br><scp>ROSE</scp> trial. Epilepsia, 2018, 59, 1198-1207.                               | 5.1 | 83        |
| 22 | Absence of early epileptiform abnormalities predicts lack of seizures on continuous EEG. Neurology, 2012, 79, 1796-1801.   | 1.1 | 78        |
| 23 | Spectrogram screening of adult EEGs is sensitive and efficient. Neurology, 2014, 83, 56-64.  | 1.1 | 72        |
| 24 | Interrater Reliability of Experts in Identifying Interictal Epileptiform Discharges in Electroencephalograms. JAMA Neurology, 2020, 77, 49.  | 9.0 | 72        |
| 25 | Epileptiform activity in traumatic brain injury predicts postâ€ŧraumatic epilepsy. Annals of Neurology,<br>2018, 83, 858-862.  | 5.3 | 71        |
| 26 | Caregiver Burden in Epilepsy: Determinants and Impact. Epilepsy Research & Treatment, 2014, 2014, 1-9.   | 1.4 | 68        |
| 27 | Patient and caregiver quality of life in psychogenic non-epileptic seizures compared to epileptic seizures. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 47-54. | 2.0 | 66        |
| 28 | Clinical and Neurophysiologic Characteristics of Unprovoked Seizures in Patients Diagnosed With Dementia. Journal of Neuropsychiatry and Clinical Neurosciences, 2016, 28, 56-61.      | 1.8 | 61        |
| 29 | The number of seizures needed in the <scp>EMU</scp> . Epilepsia, 2015, 56, 1753-1759.  | 5.1 | 49        |
| 30 | Is Epilepsy a Progressive Disease? The Neurobiological Consequences of Epilepsy. Epilepsia, 2000, 41, S13-S22.   | 5.1 | 45        |
| 31 | Estimating the False Positive Rate of Absent Somatosensory Evoked Potentials in Cardiac Arrest Prognostication. Critical Care Medicine, 2018, 46, e1213-e1221.                         | 0.9 | 44        |
| 32 | Treatment of Acute Seizures and Status Epilepticus. Journal of Intensive Care Medicine, 2007, 22, 319-347.   | 2.8 | 41        |
| 33 | Validation of a smartphone-based EEG among people with epilepsy: A prospective study. Scientific<br>Reports, 2017, 7, 45567.   | 3.3 | 39        |
| 34 | Efficacy of Surgical Treatment of De Novo, Adult-Onset, Cryptogenic, Refractory Focal Status<br>Epilepticus. Archives of Neurology, 2006, 63, 895.                                     | 4.5 | 37        |
| 35 | Firstâ€inâ€man allopregnanolone use in superâ€refractory status epilepticus. Annals of Clinical and<br>Translational Neurology, 2017, 4, 411-414.                                      | 3.7 | 37        |
| 36 | EEG findings in CAR T-cell therapy-related encephalopathy. Neurology, 2018, 91, 227-229.   | 1.1 | 37        |

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|----|--|-----|-----------|
| 37 | Utility of foramen ovale electrodes in mesial temporal lobe epilepsy. Epilepsia, 2014, 55, 713-724.  | 5.1 | 35        |
| 38 | Accuracy of claimsâ€based algorithms for epilepsy research: Revealing the unseen performance of claimsâ€based studies. Epilepsia, 2017, 58, 683-691.   | 5.1 | 35        |
| 39 | Debate: Should antiepileptic drugs be stopped after successful epilepsy surgery?. Epilepsia, 2008, 49, 29-34.  | 5.1 | 34        |
| 40 | Circadian and Brain State Modulation of Network Hyperexcitability in Alzheimer's Disease. ENeuro,<br>2018, 5, ENEURO.0426-17.2018.   | 1.9 | 33        |
| 41 | Multimodal Longitudinal Imaging of Focal Status Epilepticus. Canadian Journal of Neurological<br>Sciences, 2004, 31, 276-281.  | 0.5 | 32        |
| 42 | Lateralized periodic discharges frequency correlates with glucose metabolism. Neurology, 2019, 92, e670-e674.  | 1.1 | 32        |
| 43 | Responsive neurostimulation targeting anterior thalamic nucleus in generalized epilepsy. Annals of Clinical and Translational Neurology, 2019, 6, 2104-2109.   | 3.7 | 31        |
| 44 | Antiepileptic drug treatment after an unprovoked first seizure. Neurology, 2018, 91, e1429-e1439.  | 1.1 | 29        |
| 45 | Burden of Epileptiform Activity Predicts Discharge Neurologic Outcomes in Severe Acute Ischemic<br>Stroke. Neurocritical Care, 2020, 32, 697-706.  | 2.4 | 29        |
| 46 | Clinical Development and Implementation of an Institutional Guideline for Prospective EEG<br>Monitoring and Reporting of Delayed Cerebral Ischemia. Journal of Clinical Neurophysiology, 2016, 33,<br>217-226. | 1.7 | 27        |
| 47 | Are seizures harmful: what can we learn from animal models?. Progress in Brain Research, 2002, 135, 13-23.   | 1.4 | 26        |
| 48 | WONOEP appraisal: Imaging biomarkers in epilepsy. Epilepsia, 2017, 58, 315-330.  | 5.1 | 26        |
| 49 | Dissociated multimodal hubs and seizures in temporal lobe epilepsy. Annals of Clinical and Translational Neurology, 2015, 2, 338-352.  | 3.7 | 25        |
| 50 | Feasibility of the collection of patient-reported outcomes in an ambulatory neurology clinic.<br>Neurology, 2016, 87, 2435-2442.   | 1.1 | 24        |
| 51 | Widespread changes in network activity allow non-invasive detection of mesial temporal lobe seizures. Brain, 2016, 139, 2679-2693.   | 7.6 | 23        |
| 52 | SGE-102: A novel therapy for refractory status epilepticus. Epilepsia, 2013, 54, 81-83.  | 5.1 | 22        |
| 53 | Epilepsy Among Elderly Medicare Beneficiaries. Medical Care, 2019, 57, 318-324.  | 2.4 | 19        |
| 54 | Contralateral Preoperative Resting-State Functional MRI Network Integration Is Associated with Surgical Outcome in Temporal Lobe Epilepsy. Radiology, 2020, 294, 622-627.                                      | 7.3 | 19        |

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|----|--|------|-----------|
| 55 | Automated Annotation of Epileptiform Burden and Its Association with Outcomes. Annals of Neurology, 2021, 90, 300-311.   | 5.3  | 19        |
| 56 | Language dysfunction-associated EEG findings in patients with CAR-T related neurotoxicity. BMJ<br>Neurology Open, 2020, 2, e000054.  | 1.6  | 18        |
| 57 | Noninvasive Detection of Hippocampal Epileptiform Activity on Scalp Electroencephalogram. JAMA<br>Neurology, 2022, 79, 614.  | 9.0  | 17        |
| 58 | New Approaches to Studying Silent Mesial Temporal Lobe Seizures in Alzheimer's Disease. Frontiers in<br>Neurology, 2019, 10, 959.  | 2.4  | 15        |
| 59 | Safety and Efficacy of Natalizumab as Adjunctive Therapy for People With Drug-Resistant Epilepsy.<br>Neurology, 2021, 97, e1757-e1767.   | 1.1  | 15        |
| 60 | Case 24-2007. New England Journal of Medicine, 2007, 357, 589-600.   | 27.0 | 14        |
| 61 | Altered anteriorâ€posterior connectivity through the arcuate fasciculus in temporal lobe epilepsy.<br>Human Brain Mapping, 2016, 37, 4425-4438.  | 3.6  | 14        |
| 62 | Burst Suppression: Causes and Effects on Mortality in Critical Illness. Neurocritical Care, 2020, 33, 565-574.   | 2.4  | 13        |
| 63 | Viral load and disease severity in COVID-19. Internal and Emergency Medicine, 2022, 17, 359-367.   | 2.0  | 13        |
| 64 | Foramen ovale electrodes in the evaluation of epilepsy surgery: Conventional and unconventional uses. Epilepsy and Behavior, 2011, 22, 247-254.  | 1.7  | 12        |
| 65 | Prognostic value of EEG asymmetries for development of drug-resistance in drug-naÃ <sup>-</sup> ve patients with genetic generalized epilepsies. Clinical Neurophysiology, 2014, 125, 263-269.                 | 1.5  | 12        |
| 66 | Medication prescribing and patient-reported outcome measures in people with epilepsy in Bhutan.<br>Epilepsy and Behavior, 2016, 59, 122-127.   | 1.7  | 11        |
| 67 | Visual field defects after radiosurgery versus temporal lobectomy for mesial temporal lobe epilepsy:<br>Findings of the ROSE trial. Seizure: the Journal of the British Epilepsy Association, 2018, 63, 62-67. | 2.0  | 11        |
| 68 | One EEG, one read – A manifesto towards reducing interrater variability among experts. Clinical<br>Neurophysiology, 2022, 133, 68-70.  | 1.5  | 11        |
| 69 | Causal inference as an emerging statistical approach in neurology: an example for epilepsy in the elderly. Clinical Epidemiology, 2017, Volume 9, 9-18.  | 3.0  | 10        |
| 70 | Anterior temporal lobectomy for older adults with mesial temporal sclerosis. Epilepsy Research, 2016, 127, 358-365.  | 1.6  | 10        |
| 71 | SCOPE-mTL: A non-invasive tool for identifying and lateralizing mesial temporal lobe seizures prior to scalp EEG ictal onset. Clinical Neurophysiology, 2017, 128, 1647-1655.                                  | 1.5  | 10        |
| 72 | Neuroprotection and antiepileptogenesis. Neurology, 2002, 59, S1-2.  | 1.1  | 10        |

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|----|---|------|-----------|
| 73 | Treating seizures in Creutzfeldt–Jakob disease. Epilepsy & Behavior Case Reports, 2014, 2, 75-79.   | 1.5  | 9         |
| 74 | The standardization debate: A conflation trap in critical care electroencephalography. Seizure: the<br>Journal of the British Epilepsy Association, 2015, 24, 52-58.                        | 2.0  | 9         |
| 75 | cEEG electrode-related pressure ulcers in acutely hospitalized patients. Neurology: Clinical Practice, 2017, 7, 15-25.  | 1.6  | 9         |
| 76 | Evaluation and treatment of epilepsy in multiply handicapped individuals. Epilepsy and Behavior, 2002, 3, 2-6.  | 1.7  | 8         |
| 77 | New screening tool for identifying major depression in patients with epilepsy. Nature Clinical Practice<br>Neurology, 2006, 2, 656-657.   | 2.5  | 8         |
| 78 | Neurostimulation for the treatment of epilepsy: The skeptical view. Neurology, 2014, 83, 847-849.   | 1.1  | 8         |
| 79 | Patient perceptions of physician-documented quality care in epilepsy. Epilepsy and Behavior, 2016, 62, 90-96.   | 1.7  | 8         |
| 80 | Extreme delta brush evolving into status epilepticus in a patient with anti-NMDA encephalitis. Epilepsy<br>& Behavior Case Reports, 2017, 7, 69-71.   | 1.5  | 8         |
| 81 | Responsive neurostimulation for focal motor status epilepticus. Annals of Clinical and Translational Neurology, 2021, 8, 1353-1361.   | 3.7  | 8         |
| 82 | Case 18-2013. New England Journal of Medicine, 2013, 368, 2304-2312.  | 27.0 | 7         |
| 83 | Does memantine improve memory in subjects with focal-onset epilepsy and memory dysfunction? A randomized, double-blind, placebo-controlled trial. Epilepsy and Behavior, 2018, 88, 315-324. | 1.7  | 7         |
| 84 | Expert Perspective: Who May Benefit Most From the New Ultra Long-Term Subcutaneous EEG<br>Monitoring?. Frontiers in Neurology, 2021, 12, 817733.  | 2.4  | 7         |
| 85 | Clinical Reasoning: A 64-year-old man with visual distortions. Neurology, 2016, 87, e252-e256.  | 1.1  | 5         |
| 86 | Direct and indirect costs associated with stereotactic radiosurgery or open surgery for medial temporal lobe epilepsy: Results from the ROSE trial. Epilepsia, 2019, 60, 1453-1461.         | 5.1  | 5         |
| 87 | First seizure management: Table. Neurology: Clinical Practice, 2015, 5, 278-280.  | 1.6  | 4         |
| 88 | Preoperative MRI findings and prediction of diagnostic utility of foramen ovale electrodes. Journal of<br>Neurosurgery, 2020, 132, 692-699.   | 1.6  | 4         |
| 89 | Judgment is not ignorance. Neurology, 2014, 83, 847-847.  | 1.1  | 3         |
| 90 | How focal is generalized epilepsy: A distinction with a difference?. Epilepsy and Behavior, 2014, 34, 127-128.  | 1.7  | 3         |

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|----|--|------|-----------|
| 91 | Status Epilepticus and Brain Atrophy. JAMA Neurology, 2016, 73, 1182.  | 9.0  | 2         |
| 92 | Initial individualized selection of long-term anticonvulsant drugs by neurologists. Neurology, 2004, 63, S1-2.   | 1.1  | 2         |
| 93 | Functional Repair of the Hippocampus by Neural Progenitors. Epilepsy Currents, 2002, 2, 203-204.   | 0.8  | 1         |
| 94 | Hippocampography Guides Consistent Mesial Resections in Neocortical Temporal Lobe Epilepsy. Epilepsy<br>Research & Treatment, 2016, 2016, 1-8.                                       | 1.4  | 1         |
| 95 | Case 34-2021: A 38-Year-Old Man with Altered Mental Status and New Onset of Seizures. New England<br>Journal of Medicine, 2021, 385, 1894-1902.                                      | 27.0 | 1         |
| 96 | Guidelines for new epilepsy drugs. New epilepsy drugs are safer and cause fewer adverse effects than their predecessors. But they're not more effective. Health News, 2004, 10, 6-7. | 0.0  | 1         |
| 97 | Diabetic Ketoacidosis and Dysregulation of Proglucagon Family of Molecules. Current Developments in Nutrition, 2021, 5, 857.   | 0.3  | 0         |
| 98 | Aura Type and Outcome Following Anterior Temporal Lobectomy. World Neurosurgery, 2022, , .   | 1.3  | 0         |