

Andrew J Cole

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

6,574
citations

125106

35
h-index

75989

78
g-index

101
all docs

101
docs citations

101
times ranked

6809
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid increase of an immediate early gene messenger RNA in hippocampal neurons by synaptic NMDA receptor activation. <i>Nature</i> , 1989, 340, 474-476.	13.7	1,019
2	Long-term treatment with responsive brain stimulation in adults with refractory partial seizures. <i>Neurology</i> , 2015, 84, 810-817.	1.5	557
3	Two-year seizure reduction in adults with medically intractable partial onset epilepsy treated with responsive neurostimulation: Final results of the RNS System Pivotal trial. <i>Epilepsia</i> , 2014, 55, 432-441.	2.6	520
4	Silent hippocampal seizures and spikes identified by foramen ovale electrodes in Alzheimer's disease. <i>Nature Medicine</i> , 2017, 23, 678-680.	15.2	283
5	Nine-year prospective efficacy and safety of brain-responsive neurostimulation for focal epilepsy. <i>Neurology</i> , 2020, 95, e1244-e1256.	1.5	255
6	Brain-responsive neurostimulation in patients with medically intractable mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2017, 58, 994-1004.	2.6	227
7	Epilepsy biomarkers. <i>Epilepsia</i> , 2013, 54, 61-69.	2.6	215
8	D1 Dopamine Receptor Activation of Multiple Transcription Factor Genes in Rat Striatum. <i>Journal of Neurochemistry</i> , 1992, 58, 1420-1426.	2.1	193
9	Rapid Rise in Transcription Factor mRNAs in Rat Brain After Electroshock-Induced Seizures. <i>Journal of Neurochemistry</i> , 1990, 55, 1920-1927.	2.1	190
10	Brain-responsive neurostimulation in patients with medically intractable seizures arising from eloquent and other neocortical areas. <i>Epilepsia</i> , 2017, 58, 1005-1014.	2.6	182
11	Lateralization of mesial temporal lobe epilepsy with chronic ambulatory electrocorticography. <i>Epilepsia</i> , 2015, 56, 959-967.	2.6	177
12	Status Epilepticus and Periictal Imaging. <i>Epilepsia</i> , 2004, 45, 72-77.	2.6	147
13	Flow Perturbation Mediates Neutrophil Recruitment and Potentiates Endothelial Injury via TLR2 in Mice. <i>Circulation Research</i> , 2017, 121, 31-42.	2.0	141
14	The probability of seizures during EEG monitoring in critically ill adults. <i>Clinical Neurophysiology</i> , 2015, 126, 463-471.	0.7	116
15	Metabolic Correlates of the Ictal-Interictal Continuum: FDG-PET During Continuous EEG. <i>Neurocritical Care</i> , 2016, 24, 324-331.	1.2	103
16	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
17	Diffusion-weighted Imaging Abnormalities in the Splenium after Seizures. <i>Epilepsia</i> , 2003, 44, 852-854.	2.6	100
18	Cryptogenic New Onset Refractory Status Epilepticus (NORSE) in adults—Infectious or not?. <i>Journal of the Neurological Sciences</i> , 2009, 277, 26-31.	0.3	99

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19	Development of Expert-Level Automated Detection of Epileptiform Discharges During Electroencephalogram Interpretation. <i>JAMA Neurology</i> , 2020, 77, 103.	4.5	94
20	Association of epileptiform abnormalities and seizures in Alzheimer disease. <i>Neurology</i> , 2020, 95, e2259-e2270.	1.5	90
21	Radiosurgery versus open surgery for mesial temporal lobe epilepsy: The randomized, controlled <scp>ROSE</scp> trial. <i>Epilepsia</i> , 2018, 59, 1198-1207.	2.6	83
22	Absence of early epileptiform abnormalities predicts lack of seizures on continuous EEG. <i>Neurology</i> , 2012, 79, 1796-1801.	1.5	78
23	Spectrogram screening of adult EEGs is sensitive and efficient. <i>Neurology</i> , 2014, 83, 56-64.	1.5	72
24	Interrater Reliability of Experts in Identifying Interictal Epileptiform Discharges in Electroencephalograms. <i>JAMA Neurology</i> , 2020, 77, 49.	4.5	72
25	Epileptiform activity in traumatic brain injury predicts post-traumatic epilepsy. <i>Annals of Neurology</i> , 2018, 83, 858-862.	2.8	71
26	Caregiver Burden in Epilepsy: Determinants and Impact. <i>Epilepsy Research & Treatment</i> , 2014, 2014, 1-9.	1.4	68
27	Patient and caregiver quality of life in psychogenic non-epileptic seizures compared to epileptic seizures. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2014, 23, 47-54.	0.9	66
28	Clinical and Neurophysiologic Characteristics of Unprovoked Seizures in Patients Diagnosed With Dementia. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2016, 28, 56-61.	0.9	61
29	The number of seizures needed in the <scp>EMU</scp>. <i>Epilepsia</i> , 2015, 56, 1753-1759.	2.6	49
30	Is Epilepsy a Progressive Disease? The Neurobiological Consequences of Epilepsy. <i>Epilepsia</i> , 2000, 41, S13-S22.	2.6	45
31	Estimating the False Positive Rate of Absent Somatosensory Evoked Potentials in Cardiac Arrest Prognostication. <i>Critical Care Medicine</i> , 2018, 46, e1213-e1221.	0.4	44
32	Treatment of Acute Seizures and Status Epilepticus. <i>Journal of Intensive Care Medicine</i> , 2007, 22, 319-347.	1.3	41
33	Validation of a smartphone-based EEG among people with epilepsy: A prospective study. <i>Scientific Reports</i> , 2017, 7, 45567.	1.6	39
34	Efficacy of Surgical Treatment of De Novo, Adult-Onset, Cryptogenic, Refractory Focal Status Epilepticus. <i>Archives of Neurology</i> , 2006, 63, 895.	4.9	37
35	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
36	EEG findings in CAR T-cell therapy-related encephalopathy. <i>Neurology</i> , 2018, 91, 227-229.	1.5	37

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37	Utility of foramen ovale electrodes in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2014, 55, 713-724.	2.6	35
38	Accuracy of claims-based algorithms for epilepsy research: Revealing the unseen performance of claims-based studies. <i>Epilepsia</i> , 2017, 58, 683-691.	2.6	35
39	Debate: Should antiepileptic drugs be stopped after successful epilepsy surgery?. <i>Epilepsia</i> , 2008, 49, 29-34.	2.6	34
40	Circadian and Brain State Modulation of Network Hyperexcitability in Alzheimer's Disease. <i>ENeuro</i> , 2018, 5, ENEURO.0426-17.2018.	0.9	33
41	Multimodal Longitudinal Imaging of Focal Status Epilepticus. <i>Canadian Journal of Neurological Sciences</i> , 2004, 31, 276-281.	0.3	32
42	Lateralized periodic discharges frequency correlates with glucose metabolism. <i>Neurology</i> , 2019, 92, e670-e674.	1.5	32
43	Responsive neurostimulation targeting anterior thalamic nucleus in generalized epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2104-2109.	1.7	31
44	Antiepileptic drug treatment after an unprovoked first seizure. <i>Neurology</i> , 2018, 91, e1429-e1439.	1.5	29
45	Burden of Epileptiform Activity Predicts Discharge Neurologic Outcomes in Severe Acute Ischemic Stroke. <i>Neurocritical Care</i> , 2020, 32, 697-706.	1.2	29
46	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, 217-226.	0.9	27
47	Are seizures harmful: what can we learn from animal models?. <i>Progress in Brain Research</i> , 2002, 135, 13-23.	0.9	26
48	WONOEP appraisal: Imaging biomarkers in epilepsy. <i>Epilepsia</i> , 2017, 58, 315-330.	2.6	26
49	Dissociated multimodal hubs and seizures in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 338-352.	1.7	25
50	Feasibility of the collection of patient-reported outcomes in an ambulatory neurology clinic. <i>Neurology</i> , 2016, 87, 2435-2442.	1.5	24
51	Widespread changes in network activity allow non-invasive detection of mesial temporal lobe seizures. <i>Brain</i> , 2016, 139, 2679-2693.	3.7	23
52	SGE-102: A novel therapy for refractory status epilepticus. <i>Epilepsia</i> , 2013, 54, 81-83.	2.6	22
53	Epilepsy Among Elderly Medicare Beneficiaries. <i>Medical Care</i> , 2019, 57, 318-324.	1.1	19
54	Contralateral Preoperative Resting-State Functional MRI Network Integration Is Associated with Surgical Outcome in Temporal Lobe Epilepsy. <i>Radiology</i> , 2020, 294, 622-627.	3.6	19

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55	Automated Annotation of Epileptiform Burden and Its Association with Outcomes. <i>Annals of Neurology</i> , 2021, 90, 300-311.	2.8	19
56	Language dysfunction-associated EEG findings in patients with CAR-T related neurotoxicity. <i>BMJ Neurology Open</i> , 2020, 2, e000054.	0.7	18
57	Noninvasive Detection of Hippocampal Epileptiform Activity on Scalp Electroencephalogram. <i>JAMA Neurology</i> , 2022, 79, 614.	4.5	17
58	New Approaches to Studying Silent Mesial Temporal Lobe Seizures in Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2019, 10, 959.	1.1	15
59	Safety and Efficacy of Natalizumab as Adjunctive Therapy for People With Drug-Resistant Epilepsy. <i>Neurology</i> , 2021, 97, e1757-e1767.	1.5	15
60	Case 24-2007. <i>New England Journal of Medicine</i> , 2007, 357, 589-600.	13.9	14
61	Altered anterior-posterior connectivity through the arcuate fasciculus in temporal lobe epilepsy. <i>Human Brain Mapping</i> , 2016, 37, 4425-4438.	1.9	14
62	Burst Suppression: Causes and Effects on Mortality in Critical Illness. <i>Neurocritical Care</i> , 2020, 33, 565-574.	1.2	13
63	Viral load and disease severity in COVID-19. <i>Internal and Emergency Medicine</i> , 2022, 17, 359-367.	1.0	13
64	Foramen ovale electrodes in the evaluation of epilepsy surgery: Conventional and unconventional uses. <i>Epilepsy and Behavior</i> , 2011, 22, 247-254.	0.9	12
65	Prognostic value of EEG asymmetries for development of drug-resistance in drug-naïve patients with genetic generalized epilepsies. <i>Clinical Neurophysiology</i> , 2014, 125, 263-269.	0.7	12
66	Medication prescribing and patient-reported outcome measures in people with epilepsy in Bhutan. <i>Epilepsy and Behavior</i> , 2016, 59, 122-127.	0.9	11
67	Visual field defects after radiosurgery versus temporal lobectomy for mesial temporal lobe epilepsy: Findings of the ROSE trial. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 63, 62-67.	0.9	11
68	One EEG, one read – A manifesto towards reducing interrater variability among experts. <i>Clinical Neurophysiology</i> , 2022, 133, 68-70.	0.7	11
69	Causal inference as an emerging statistical approach in neurology: an example for epilepsy in the elderly. <i>Clinical Epidemiology</i> , 2017, Volume 9, 9-18.	1.5	10
70	Anterior temporal lobectomy for older adults with mesial temporal sclerosis. <i>Epilepsy Research</i> , 2016, 127, 358-365.	0.8	10
71	SCOPE-mTL: A non-invasive tool for identifying and lateralizing mesial temporal lobe seizures prior to scalp EEG ictal onset. <i>Clinical Neurophysiology</i> , 2017, 128, 1647-1655.	0.7	10
72	Neuroprotection and antiepileptogenesis. <i>Neurology</i> , 2002, 59, S1-2.	1.5	10

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73	Treating seizures in Creutzfeldtâ€“Jakob disease. <i>Epilepsy & Behavior Case Reports</i> , 2014, 2, 75-79.	1.5	9
74	The standardization debate: A conflation trap in critical care electroencephalography. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015, 24, 52-58.	0.9	9
75	cEEG electrode-related pressure ulcers in acutely hospitalized patients. <i>Neurology: Clinical Practice</i> , 2017, 7, 15-25.	0.8	9
76	Evaluation and treatment of epilepsy in multiply handicapped individuals. <i>Epilepsy and Behavior</i> , 2002, 3, 2-6.	0.9	8
77	New screening tool for identifying major depression in patients with epilepsy. <i>Nature Clinical Practice Neurology</i> , 2006, 2, 656-657.	2.7	8
78	Neurostimulation for the treatment of epilepsy: The skeptical view. <i>Neurology</i> , 2014, 83, 847-849.	1.5	8
79	Patient perceptions of physician-documented quality care in epilepsy. <i>Epilepsy and Behavior</i> , 2016, 62, 90-96.	0.9	8
80	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
81	Responsive neurostimulation for focal motor status epilepticus. <i>Annals of Clinical and Translational Neurology</i> , 2021, 8, 1353-1361.	1.7	8
82	Case 18-2013. <i>New England Journal of Medicine</i> , 2013, 368, 2304-2312.	18.9	7
83	Does memantine improve memory in subjects with focal-onset epilepsy and memory dysfunction? A randomized, double-blind, placebo-controlled trial. <i>Epilepsy and Behavior</i> , 2018, 88, 315-324.	0.9	7
84	Expert Perspective: Who May Benefit Most From the New Ultra Long-Term Subcutaneous EEG Monitoring?. <i>Frontiers in Neurology</i> , 2021, 12, 817733.	1.1	7
85	Clinical Reasoning: A 64-year-old man with visual distortions. <i>Neurology</i> , 2016, 87, e252-e256.	1.5	5
86	Direct and indirect costs associated with stereotactic radiosurgery or open surgery for medial temporal lobe epilepsy: Results from the ROSE trial. <i>Epilepsia</i> , 2019, 60, 1453-1461.	2.6	5
87	First seizure management: Table. <i>Neurology: Clinical Practice</i> , 2015, 5, 278-280.	0.8	4
88	Preoperative MRI findings and prediction of diagnostic utility of foramen ovale electrodes. <i>Journal of Neurosurgery</i> , 2020, 132, 692-699.	0.9	4
89	Judgment is not ignorance. <i>Neurology</i> , 2014, 83, 847-847.	1.5	3
90	How focal is generalized epilepsy: A distinction with a difference?. <i>Epilepsy and Behavior</i> , 2014, 34, 127-128.	0.9	3

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91	Status Epilepticus and Brain Atrophy. JAMA Neurology, 2016, 73, 1182.	4.5	2
92	Initial individualized selection of long-term anticonvulsant drugs by neurologists. Neurology, 2004, 63, S1-2.	1.5	2
93	Functional Repair of the Hippocampus by Neural Progenitors. Epilepsy Currents, 2002, 2, 203-204.	0.4	1
94	Hippocampography Guides Consistent Mesial Resections in Neocortical Temporal Lobe Epilepsy. Epilepsy 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 Journal of Medicine, 2021, 385, 1894-1902.	13.9	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.	0.4	1
97	Diabetic Ketoacidosis and Dysregulation of Proglucagon Family of Molecules. Current Developments in Nutrition, 2021, 5, 857.	0.1	0
98	Aura Type and Outcome Following Anterior Temporal Lobectomy. World Neurosurgery, 2022, , .	0.7	0