

# Charles A Szabo

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

811  
citations

471509

17  
h-index

526287

27  
g-index

51  
all docs

51  
docs citations

51  
times ranked

975  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuropsychological Effect of Temporal Lobe Resection in Preadolescent Children with Epilepsy. <i>Epilepsia</i> , 1998, 39, 814-819.	5.1	106
2	Electromyography-based seizure detector: Preliminary results comparing a generalized tonic-clonic seizure detection algorithm to video-EEG recordings. <i>Epilepsia</i> , 2015, 56, 1432-1437.	5.1	76
3	MR imaging volumetry of subcortical structures and cerebellar hemispheres in normal persons. <i>American Journal of Neuroradiology</i> , 2003, 24, 644-7.	2.4	63
4	Clinical and EEG phenotypes of epilepsy in the baboon ( <i>Papio hamadryas</i> spp.). <i>Epilepsy Research</i> , 2005, 65, 71-80.	1.6	52
5	Mortality in captive baboons with seizures: A new model for SUDEP?. <i>Epilepsia</i> , 2009, 50, 1995-1998.	5.1	47
6	PET Imaging in the Photosensitive Baboon: Case-controlled Study. <i>Epilepsia</i> , 2007, 48, 245-253.	5.1	30
7	Electroclinical phenotypes in a pedigreed baboon colony. <i>Epilepsy Research</i> , 2013, 105, 77-85.	1.6	26
8	Critique of the 2017 epileptic seizure and epilepsy classifications. <i>Epilepsia</i> , 2019, 60, 1032-1039.	5.1	26
9	Baboon model of generalized epilepsy: Continuous intracranial video-EEG monitoring with subdural electrodes. <i>Epilepsy Research</i> , 2012, 101, 46-55.	1.6	24
10	Epileptic baboons have lower numbers of neurons in specific areas of cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19107-19112.	7.1	24
11	Sudden Unexpected Death in Epilepsy. <i>American Journal of Forensic Medicine and Pathology</i> , 2018, 39, 98-102.	0.8	22
12	Functional neuroimaging of the baboon during concurrent image-guided transcranial magnetic stimulation. <i>NeuroImage</i> , 2011, 57, 1393-1401.	4.2	21
13	Epidemiology and characterization of seizures in a pedigreed baboon colony. <i>Comparative Medicine</i> , 2012, 62, 535-8.	1.0	21
14	Repetitive Transcranial Magnetic Stimulation Educates Frequency-Specific Causal Relationships in the Motor Network. <i>Brain Stimulation</i> , 2016, 9, 406-414.	1.6	20
15	Classification of paroxysmal events and the four-dimensional epilepsy classification system. <i>Epileptic Disorders</i> , 2019, 21, 1-29.	1.3	20
16	Repetitive Transcranial Magnetic Stimulation Elicits Rate-Dependent Brain Network Responses in Non-Human Primates. <i>Brain Stimulation</i> , 2013, 6, 777-787.	1.6	19
17	Could the 2017 ILAE and the four-dimensional epilepsy classifications be merged to a new "Integrated Epilepsy Classification"? <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 78, 31-37.	2.0	18
18	Resting-CBF in the epileptic baboon: Correlation with ketamine dose and interictal epileptic discharges. <i>Epilepsy Research</i> , 2008, 82, 57-63.	1.6	16

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19	BOLD fMRI of visual and somatosensory motor stimulations in baboons. <i>NeuroImage</i> , 2010, 52, 1420-1427.	4.2	16
20	Resolution of cryptogenic new onset refractory status epilepticus with tocilizumab. <i>Epilepsy and Behavior Reports</i> , 2021, 15, 100431.	1.0	16
21	Scalp EEG for the diagnosis of epilepsy and photosensitivity in the baboon. <i>American Journal of Primatology</i> , 2004, 62, 95-106.	1.7	15
22	Functional PET Evaluation of the Photosensitive Baboon. <i>Open Neuroimaging Journal</i> , 2011, 5, 206-215.	0.2	15
23	Modeling the effective connectivity of the visual network in healthy and photosensitive, epileptic baboons. <i>Brain Structure and Function</i> , 2016, 221, 2023-2033.	2.3	12
24	Epilepsy in nonhuman primates. <i>Epilepsia</i> , 2019, 60, 1526-1538.	5.1	12
25	Resting-state functional connectivity in the baboon model of genetic generalized epilepsy. <i>Epilepsia</i> , 2015, 56, 1580-1589.	5.1	11
26	Resting-state functional connectivity changes due to acute and short-term valproic acid administration in the baboon model of GGE. <i>NeuroImage: Clinical</i> , 2017, 16, 132-141.	2.7	8
27	Cardiac biomarkers associated with epilepsy in a captive baboon pedigree. <i>Epilepsia</i> , 2019, 60, e110-e114.	5.1	8
28	Semiology of spontaneous generalized tonic-clonic seizures in the epileptic baboon. <i>Epilepsia Open</i> , 2020, 5, 213-219.	2.4	8
29	Voxel-based morphometry in epileptic baboons: Parallels to human juvenile myoclonic epilepsy. <i>Epilepsy Research</i> , 2016, 124, 34-39.	1.6	7
30	Craniofacial trauma as a clinical marker of seizures in a baboon colony. <i>Comparative Medicine</i> , 2014, 64, 135-9.	1.0	6
31	Cardiac changes in epileptic baboons with high-frequency microburst VNS therapy: A pilot study. <i>Epilepsy Research</i> , 2019, 155, 106156.	1.6	5
32	From theory to practice: Critical points in the 2017 ILAE classification of epileptic seizures and epilepsies. <i>Epilepsia</i> , 2020, 61, 350-353.	5.1	5
33	Whole Genome Sequence Data From Captive Baboons Implicate RBFOX1 in Epileptic Seizure Risk. <i>Frontiers in Genetics</i> , 2021, 12, 714282.	2.3	4
34	Definite SUDEP population in Bexar County, Texas: A 36-year data registry. <i>Epilepsy and Behavior</i> , 2021, 121, 108005.	1.7	4
35	The baboon in epilepsy research: Revelations and challenges. <i>Epilepsy and Behavior</i> , 2021, 121, 108012.	1.7	4
36	Two different genetic etiologies for tuberous sclerosis complex (TSC) in a single family. <i>Molecular Genetics &amp; Genomic Medicine</i> , 2020, 8, e1296.	1.2	3

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37	Cerebrospinal Fluid Levels of Monoamine Metabolites in the Epileptic Baboon. <i>Journal of Primatology</i> , 2015, 04, .	0.1	3
38	Relationship Between Epilepsy and Colpocephaly in Baboons ( <i>Papio hamadryas</i> ). <i>Comparative Medicine</i> , 2016, 66, 241-5.	1.0	3
39	Ictal laughter and crying: Should they be classified as automatisms?. <i>Epilepsy &amp; Behavior Case Reports</i> , 2017, 7, 31-33.	1.5	2
40	Effects of ketamine on EEG in baboons with genetic generalized epilepsy. <i>Epilepsy Research</i> , 2019, 154, 50-54.	1.6	2
41	Changing characteristics of epilepsy interventional clinical trials over the last decade: Clinicaltrials.Gov registry. <i>Epilepsy Research</i> , 2020, 164, 106350.	1.6	2
42	Cerebral blood flow differences between high- vs low-frequency VNS therapy in the epileptic baboon. <i>Epilepsy Research</i> , 2022, 180, 106862.	1.6	2
43	Absence status induced by lacosamide adjunctive therapy. <i>Epileptic Disorders</i> , 2019, 21, 97-101.	1.3	2
44	Neuroimaging in the Epileptic Baboon. <i>Frontiers in Veterinary Science</i> , 0, 9, .	2.2	2
45	Adult-onset Rasmussen's Syndrome with associated cortical dysplasia. <i>Epilepsy &amp; Behavior Case Reports</i> , 2019, 11, 54-57.	1.5	1
46	Baboon Model of Genetic Generalized Epilepsy. , 2017, , 427-440.		1
47	Animal Models of Photosensitivity: Clinical Significance and Windows into Mechanisms. , 2021, , 219-235.		1
48	Juvenile Myoclonic Epilepsy "A Maturation Syndrome Coming of Age. , 0, , .		0
49	Cortical responsive neurostimulation in a baboon with genetic generalized epilepsy. <i>Epilepsy and Behavior</i> , 2021, 120, 107973.	1.7	0
50	Anesthetic and proconvulsant effects of ketamine on EEG. , 2022, , 255-263.		0
51	Myoclonus as a Manifestation of Reflex Seizures. <i>Journal of Clinical Neurophysiology</i> , 2022, Publish Ahead of Print, .	1.7	0