

Cameron S Metcalf

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3118447/publications.pdf>

Version: 2024-02-01

37
papers

741
citations

567144

15
h-index

580701

25
g-index

47
all docs

47
docs citations

47
times ranked

779
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Cannabidiol in Animal Seizure Models by the Epilepsy Therapy Screening Program (ETSP). <i>Neurochemical Research</i> , 2017, 42, 1939-1948.	1.6	98
2	Development and pharmacologic characterization of the rat 6 Hz model of partial seizures. <i>Epilepsia</i> , 2017, 58, 1073-1084.	2.6	62
3	The current approach of the Epilepsy Therapy Screening Program contract site for identifying improved therapies for the treatment of pharmacoresistant seizures in epilepsy. <i>Neuropharmacology</i> , 2020, 166, 107811.	2.0	51
4	Precision medicine for genetic epilepsy on the horizon: Recent advances, present challenges, and suggestions for continued progress. <i>Epilepsia</i> , 2022, 63, 2461-2475.	2.6	50
5	Autonomic and cellular mechanisms mediating detrimental cardiac effects of status epilepticus. <i>Epilepsy Research</i> , 2010, 91, 66-73.	0.8	44
6	Differential regional effects of methamphetamine on dopamine transport. <i>European Journal of Pharmacology</i> , 2008, 590, 105-110.	1.7	40
7	Status epilepticus induces cardiac myofilament damage and increased susceptibility to arrhythmias in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H2120-H2127.	1.5	35
8	Development of an antiseizure drug screening platform for Dravet syndrome at the NINDS contract site for the Epilepsy Therapy Screening Program. <i>Epilepsia</i> , 2021, 62, 1665-1676.	2.6	25
9	Status epilepticus produces chronic alterations in cardiac sympathovagal balance. <i>Epilepsia</i> , 2009, 50, 747-754.	2.6	24
10	Cannabidiolic acid exhibits entourage-like improvements of anticonvulsant activity in an acute rat model of seizures. <i>Epilepsy Research</i> , 2021, 169, 106525.	0.8	23
11	Preventing neuronal edema increases network excitability after traumatic brain injury. <i>Journal of Clinical Investigation</i> , 2020, 130, 6005-6020.	3.9	22
12	Recurrent epileptiform discharges in the medial entorhinal cortex of kainate-treated rats are differentially sensitive to antiseizure drugs. <i>Epilepsia</i> , 2018, 59, 2035-2048.	2.6	21
13	Evaluation of antiseizure drug efficacy and tolerability in the rat lamotrigine-resistant amygdala kindling model. <i>Epilepsia Open</i> , 2019, 4, 452-463.	1.3	21
14	Preclinical evaluation of intravenous NAX 810, a novel GalR2-preferring analog, for anticonvulsant efficacy and pharmacokinetics. <i>Epilepsia</i> , 2017, 58, 239-246.	2.6	19
15	Evaluation of subchronic administration of antiseizure drugs in spontaneously seizing rats. <i>Epilepsia</i> , 2020, 61, 1301-1311.	2.6	19
16	Analgesic Properties of a Peripherally Acting and GalR2 Receptor-Preferring Galanin Analog in Inflammatory, Neuropathic, and Acute Pain Models. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 352, 185-193.	1.3	18
17	Efficacy of mGlu ₂ -positive allosteric modulators alone and in combination with levetiracetam in the mouse 6 Hz model of psychomotor seizures. <i>Epilepsia</i> , 2017, 58, 484-493.	2.6	17
18	Potent and selective pharmacodynamic synergy between the metabotropic glutamate receptor subtype 2-positive allosteric modulator JNJ46356479 and levetiracetam in the mouse 6 Hz (44 mA) model. <i>Epilepsia</i> , 2018, 59, 724-735.	2.6	17

#	ARTICLE	IF	CITATIONS
19	Novel Targets for Developing Antiseizure and, Potentially, Antiepileptogenic Drugs. <i>Epilepsy Currents</i> , 2017, 17, 293-298.	0.4	15
20	Spontaneous recurrent seizures in an intra-amygdala kainate microinjection model of temporal lobe epilepsy are differentially sensitive to antiseizure drugs. <i>Experimental Neurology</i> , 2022, 349, 113954.	2.0	14
21	Discovery of the First Vitamin K Analogue as a Potential Treatment of Pharmacoresistant Seizures. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5865-5878.	2.9	13
22	Anticonvulsive properties of soticlestat, a novel cholesterol 24 α -hydroxylase inhibitor. <i>Epilepsia</i> , 2022, 63, 1580-1590.	2.6	12
23	Music-Enhanced Analgesia and Antiseizure Activities in Animal Models of Pain and Epilepsy: Toward Preclinical Studies Supporting Development of Digital Therapeutics and Their Combinations With Pharmaceutical Drugs. <i>Frontiers in Neurology</i> , 2019, 10, 277.	1.1	11
24	Entrapping bupivacaine-loaded emulsions in a crosslinked-hydrogel increases anesthetic effect and duration in a rat sciatic nerve block model. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119703.	2.6	11
25	Development of an antiepileptogenesis drug screening platform: Effects of everolimus and phenobarbital. <i>Epilepsia</i> , 2021, 62, 1677-1688.	2.6	11
26	Preclinical Analgesic and Safety Evaluation of the GalR2-preferring Analog, NAX 810-2. <i>Neurochemical Research</i> , 2017, 42, 1983-1994.	1.6	10
27	Incorporation of Monodisperse Oligoethyleneglycol Amino Acids into Anticonvulsant Analogues of Galanin and Neuropeptide Y Provides Peripherally Acting Analgesics. <i>Molecular Pharmaceutics</i> , 2013, 10, 574-585.	2.3	9
28	Screening of prototype antiseizure and anti-inflammatory compounds in the Theiler's murine encephalomyelitis virus model of epilepsy. <i>Epilepsia Open</i> , 2022, 7, 46-58.	1.3	9
29	Increased dietary sodium alters Fos expression in the lamina terminalis during intravenous angiotensin II infusion. <i>Experimental Neurology</i> , 2007, 204, 299-306.	2.0	6
30	Increased dietary sodium enhances activation of neurons in the medullary cardiovascular pathway during acute sodium loading in the rat. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2005, 117, 33-40.	1.4	4
31	Accurate detection of spontaneous seizures using a generalized linear model with external validation. <i>Epilepsia</i> , 2020, 61, 1906-1918.	2.6	4
32	Response: Usefulness of the post-kainate spontaneous recurrent seizure model for screening for antiseizure and for neuroprotective effects. <i>Epilepsia</i> , 2021, 62, 1290-1290.	2.6	2
33	New Phenylglycinamide Derivatives with Hybrid Structure as Candidates for New Broad-Spectrum Anticonvulsants. <i>Cells</i> , 2022, 11, 1862.	1.8	1
34	Methods for ECG Evaluation of Indicators of Cardiac Risk, and Susceptibility to Aconitine-induced Arrhythmias in Rats Following Status Epilepticus. <i>Journal of Visualized Experiments</i> , 2011, , .	0.2	0
35	Sympathetic Nervous System Dysregulation of Cardiac Function and Myocyte Potassium Channel Remodeling in Rodent Seizure Models. , 2010, , .		0
36	Antinociceptive effects of novel GalR2-specific analogs. <i>FASEB Journal</i> , 2012, 26, 662.12.	0.2	0

#	ARTICLE	IF	CITATIONS
37	β1-Adrenergic Blockade Prevents Cardiac Dysfunction and Increased Susceptibility to Experimental Arrhythmias Following Status Epilepticus in Rats. , 2015, , 229-234.		0