

# Cameron S Metcalf

## List of Publications by Year in descending order

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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  | 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         |
| 2  | 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        |
| 3  | Anticonvulsive properties of soticlestat, a novel cholesterol 24-hydroxylase inhibitor. <i>Epilepsia</i> , 2022, 63, 1580-1590.   | 2.6 | 12        |
| 4  | New Phenylglycinamide Derivatives with Hybrid Structure as Candidates for New Broad-Spectrum Anticonvulsants. <i>Cells</i> , 2022, 11, 1862.  | 1.8 | 1         |
| 5  | 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        |
| 6  | 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        |
| 7  | 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         |
| 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  | Development of an antiepileptogenesis drug screening platform: Effects of everolimus and phenobarbital. <i>Epilepsia</i> , 2021, 62, 1677-1688.   | 2.6 | 11        |
| 10 | 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        |
| 11 | 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        |
| 12 | Accurate detection of spontaneous seizures using a generalized linear model with external validation. <i>Epilepsia</i> , 2020, 61, 1906-1918.   | 2.6 | 4         |
| 13 | 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        |
| 14 | Evaluation of subchronic administration of antiseizure drugs in spontaneously seizing rats. <i>Epilepsia</i> , 2020, 61, 1301-1311.   | 2.6 | 19        |
| 15 | Preventing neuronal edema increases network excitability after traumatic brain injury. <i>Journal of Clinical Investigation</i> , 2020, 130, 6005-6020.   | 3.9 | 22        |
| 16 | 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        |
| 17 | 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        |
| 18 | Potent and selective pharmacodynamic synergy between the metabotropic glutamate receptor subtype 2-positive allosteric modulator <sc>JNJ</sc>46356479 and levetiracetam in the mouse 6-Hz (44-mA) model. <i>Epilepsia</i> , 2018, 59, 724-735.                        | 2.6 | 17        |

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|----|--|-----|-----------|
| 19 | 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        |
| 20 | Preclinical evaluation of intravenous NAX 810-2, a novel GalR2-preferring analog, for anticonvulsant efficacy and pharmacokinetics. <i>Epilepsia</i> , 2017, 58, 239-246.  | 2.6 | 19        |
| 21 | Efficacy of mGlu <sub>2</sub> -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        |
| 22 | 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        |
| 23 | Development and pharmacologic characterization of the rat 6 Hz model of partial seizures. <i>Epilepsia</i> , 2017, 58, 1073-1084.  | 2.6 | 62        |
| 24 | Preclinical Analgesic and Safety Evaluation of the GalR2-preferring Analog, NAX 810-2. <i>Neurochemical Research</i> , 2017, 42, 1983-1994.  | 1.6 | 10        |
| 25 | Novel Targets for Developing Antiseizure and, Potentially, Antiepileptogenic Drugs. <i>Epilepsy Currents</i> , 2017, 17, 293-298.  | 0.4 | 15        |
| 26 | 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        |
| 27 | β <sub>1</sub> -Adrenergic Blockade Prevents Cardiac Dysfunction and Increased Susceptibility to Experimental Arrhythmias Following Status Epilepticus in Rats. , 2015, , 229-234.   |     | 0         |
| 28 | 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         |
| 29 | Antinociceptive effects of novel GalR2-specific analogs. <i>FASEB Journal</i> , 2012, 26, 662.12.  | 0.2 | 0         |
| 30 | 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         |
| 31 | Autonomic and cellular mechanisms mediating detrimental cardiac effects of status epilepticus. <i>Epilepsy Research</i> , 2010, 91, 66-73.   | 0.8 | 44        |
| 32 | Sympathetic Nervous System Dysregulation of Cardiac Function and Myocyte Potassium Channel Remodeling in Rodent Seizure Models. , 2010, , .  |     | 0         |
| 33 | 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        |
| 34 | Status epilepticus produces chronic alterations in cardiac sympathovagal balance. <i>Epilepsia</i> , 2009, 50, 747-754.  | 2.6 | 24        |
| 35 | Differential regional effects of methamphetamine on dopamine transport. <i>European Journal of Pharmacology</i> , 2008, 590, 105-110.  | 1.7 | 40        |
| 36 | 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         |

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|----|---|-----|-----------|
| 37 | 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         |