Lucille A Lumley

List of Publications by Year
in descending order

33 papers	930 citations	430874 18 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	695 citing authors

#	Article	IF	Citations
1	Stoichiometric and catalytic scavengers as protection against nerve agent toxicity: A mini review. Toxicology, 2007, 233, 31-39.	4.2	188
2	Spontaneous recurrent seizures after status epilepticus induced by soman in Sprague€Dawley rats. Epilepsia, 2010, 51, 1503-1510.	5.1	92
3	Midazolam€"ketamine dual therapy stops cholinergic status epilepticus and reduces Morris water maze deficits. Epilepsia, 2016, 57, 1406-1415.	5.1	55
4	Benzodiazepine€refractory status epilepticus: pathophysiology and principles of treatment. Annals of the New York Academy of Sciences, 2016, 1378, 166-173.	3.8	54
5	Transcriptional responses of the nerve agent-sensitive brain regions amygdala, hippocampus, piriform cortex, septum, and thalamus following exposure to the organophosphonate anticholinesterase sarin. Journal of Neuroinflammation, 2011, 8, 84.	7.2	41
6	Simultaneous triple therapy for the treatment of status epilepticus. Neurobiology of Disease, 2017, 104, 41-49.	4.4	38
7	Caramiphen edisylate as adjunct to standard therapy attenuates soman-induced seizures and cognitive deficits in rats. Neurotoxicology and Teratology, 2014, 44, 89-104.	2.4	37
8	Treatment of experimental status epilepticus with synergistic drug combinations. Epilepsia, 2017, 58, e49-e53.	5.1	36
9	Impaired auditory and contextual fear conditioning in soman-exposed rats. Pharmacology Biochemistry and Behavior, 2011, 98, 120-129.	2.9	30
10	Combined diazepam and HDAC inhibitor treatment protects against seizures and neuronal damage caused by soman exposure. NeuroToxicology, 2012, 33, 500-511.	3.0	30
11	Comparison of the lethal effects of chemical warfare nerve agents across multiple ages. Toxicology Letters, 2016, 241, 167-174.	0.8	30
12	Rational polytherapy in the treatment of cholinergic seizures. Neurobiology of Disease, 2020, 133, 104537.	4.4	30
13	Analyzing large data sets acquired through telemetry from rats exposed to organophosphorous compounds: An EEG study. Journal of Neuroscience Methods, 2009, 184, 176-183.	2.5	28
14	Characterizing the behavioral effects of nerve agent-induced seizure activity in rats: Increased startle reactivity and perseverative behavior. Pharmacology Biochemistry and Behavior, 2012, 100, 382-391.	2.9	28
15	Soman€induced status epilepticus, epileptogenesis, and neuropathology in carboxylesterase knockout mice treated with midazolam. Epilepsia, 2018, 59, 2206-2218.	5.1	28
16	Hormone-dependence of sarin lethality in rats: Sex differences and stage of the estrous cycle. Toxicology and Applied Pharmacology, 2015, 287, 253-257.	2.8	26
17	Early polytherapy for benzodiazepine-refractory status epilepticus. Epilepsy and Behavior, 2019, 101, 106367.	1.7	25
18	Neurosteroid and benzodiazepine combination therapy reduces status epilepticus and long€term effects of whole€body sarin exposure in rats. Epilepsia Open, 2019, 4, 382-396.	2.4	22

#	Article	IF	Citations
19	Treatment of acetylcholinesterase inhibitor-induced seizures with polytherapy targeting GABA and glutamate receptors. Neuropharmacology, 2021, 185, 108444.	4.1	21
20	Ketamine as adjunct to midazolam treatment following soman-induced status epilepticus reduces seizure severity, epileptogenesis, and brain pathology in plasma carboxylesterase knockout mice. Epilepsy and Behavior, 2020, 111, 107229.	1.7	17
21	Dataset of EEG power integral, spontaneous recurrent seizure and behavioral responses following combination drug therapy in soman-exposed rats. Data in Brief, 2019, 27, 104629.	1.0	12
22	Combination of antiseizure medications phenobarbital, ketamine, and midazolam reduces somanâ€induced epileptogenesis and brain pathology in rats. Epilepsia Open, 2021, 6, 757-769.	2.4	11
23	Delayed midazolam dose effects against soman in male and female plasma carboxylesterase knockout mice. Annals of the New York Academy of Sciences, 2020, 1479, 94-107.	3.8	9
24	Kinetics of Sarin (GB) Following a Single Sublethal Inhalation Exposure in the Guinea Pig. Inhalation Toxicology, 2007, 19, 667-681.	1.6	8
25	Age-Related Susceptibility to Epileptogenesis and Neuronal Loss in Male Fischer Rats Exposed to Soman and Treated With Medical Countermeasures. Toxicological Sciences, 2018, 164, 142-152.	3.1	7
26	Younger rats are more susceptible to the lethal effects of sarin than adult rats: 24â€‰h LC‹sub›50‹/sub›for whole-body (10 and 60â€‰min) exposures. Drug and Chemical Toxicology, 2017, 40, 134-139.	2.3	6
27	Poisoning with Soman, an Organophosphorus Nerve Agent, Alters Fecal Bacterial Biota and Urine Metabolites: a Case for Novel Signatures for Asymptomatic Nerve Agent Exposure. Applied and Environmental Microbiology, 2018, 84, .	3.1	6
28	Cannabidiol reduces soman-induced lethality and seizure severity in female plasma carboxylesterase knockout mice treated with midazolam. NeuroToxicology, 2021, 82, 130-136.	3.0	4
29	Novel Genetically Modified Mouse Model to Assess Soman-Induced Toxicity and Medical Countermeasure Efficacy: Human Acetylcholinesterase Knock-in Serum Carboxylesterase Knockout Mice. International Journal of Molecular Sciences, 2021, 22, 1893.	4.1	4
30	Female rats are less susceptible during puberty to the lethal effects of percutaneous exposure to VX. Toxicology Reports, 2016, 3, 895-899.	3.3	3
31	Soman-induced toxicity, cholinesterase inhibition and neuropathology in adult male GÃ¶ttingen minipigs. Toxicology Reports, 2021, 8, 896-907.	3.3	3
32	mRNA and miRNA Expression Analysis in Multiple Brain Regions Following Soman Exposure in Rats. FASEB Journal, 2019, 33, 641.2.	0.5	1
33	Anticonvulsant drug polytherapy stops status epilepticus and prevents neuronal loss in somanâ€exposed rats. FASEB Journal, 2017, 31, lb629.	0.5	0