

# Donald A Bruun

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

678  
citations

516710

16  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

570  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatiotemporal pattern of neuronal injury induced by DFP in rats: A model for delayed neuronal cell death following acute OP intoxication. <i>Toxicology and Applied Pharmacology</i> , 2011, 253, 261-269.	2.8	75
2	Persistent neuroinflammation and cognitive impairment in a rat model of acute diisopropylfluorophosphate intoxication. <i>Journal of Neuroinflammation</i> , 2016, 13, 267.	7.2	71
3	Persistent behavior deficits, neuroinflammation, and oxidative stress in a rat model of acute organophosphate intoxication. <i>Neurobiology of Disease</i> , 2020, 133, 104431.	4.4	69
4	Neuregulin-1 inhibits neuroinflammatory responses in a rat model of organophosphate-nerve agent-induced delayed neuronal injury. <i>Journal of Neuroinflammation</i> , 2015, 12, 64.	7.2	54
5	Editorâ€™s Highlight: Spatiotemporal Progression and Remission of Lesions in the Rat Brain Following Acute Intoxication With Diisopropylfluorophosphate. <i>Toxicological Sciences</i> , 2017, 157, 330-341.	3.1	43
6	Characterization of Seizures Induced by Acute and Repeated Exposure to Tetramethylenedisulfotetramine. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 435-446.	2.5	41
7	Neuregulin-1 is neuroprotective in a rat model of organophosphate-induced delayed neuronal injury. <i>Toxicology and Applied Pharmacology</i> , 2012, 262, 194-204.	2.8	39
8	Behavioral assessment of NIH Swiss mice acutely intoxicated with tetramethylenedisulfotetramine. <i>Neurotoxicology and Teratology</i> , 2015, 47, 36-45.	2.4	38
9	From the Cover: Magnetic Resonance Imaging Reveals Progressive Brain Injury in Rats Acutely Intoxicated With Diisopropylfluorophosphate. <i>Toxicological Sciences</i> , 2017, 157, 342-353.	3.1	30
10	Post-exposure administration of diazepam combined with soluble epoxide hydrolase inhibition stops seizures and modulates neuroinflammation in a murine model of acute TETS intoxication. <i>Toxicology and Applied Pharmacology</i> , 2014, 281, 185-194.	2.8	29
11	Models to identify treatments for the acute and persistent effects of seizureâ€™inducing chemical threat agents. <i>Annals of the New York Academy of Sciences</i> , 2016, 1378, 124-136.	3.8	24
12	Combined treatment with diazepam and allopregnanolone reverses tetramethylenedisulfotetramine (TETS)-induced calcium dysregulation in cultured neurons and protects TETS-intoxicated mice against lethal seizures. <i>Neuropharmacology</i> , 2015, 95, 332-342.	4.1	23
13	Soluble Epoxide Hydrolase Pharmacological Inhibition Decreases Alveolar Bone Loss by Modulating Host Inflammatory Response, RANK-Related Signaling, Endoplasmic Reticulum Stress, and Apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 408-416.	2.5	23
14	Acute administration of diazepam or midazolam minimally alters long-term neuropathological effects in the rat brain following acute intoxication with diisopropylfluorophosphate. <i>European Journal of Pharmacology</i> , 2020, 886, 173538.	3.5	21
15	TSPO PET Using [18F]PBR111 Reveals Persistent Neuroinflammation Following Acute Diisopropylfluorophosphate Intoxication in the Rat. <i>Toxicological Sciences</i> , 2019, 170, 330-344.	3.1	20
16	The chemical convulsant diisopropylfluorophosphate (DFP) causes persistent neuropathology in adult male rats independent of seizure activity. <i>Archives of Toxicology</i> , 2020, 94, 2149-2162.	4.2	20
17	Allopregnanolone and perampanel as adjuncts to midazolam for treating diisopropylfluorophosphateâ€™induced status epilepticus in rats. <i>Annals of the New York Academy of Sciences</i> , 2020, 1480, 183-206.	3.8	19
18	Pretreatment with pyridostigmine bromide has no effect on seizure behavior or 24 hour survival in the rat model of acute diisopropylfluorophosphate intoxication. <i>NeuroToxicology</i> , 2019, 73, 81-84.	3.0	13

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19	Lipidomes of brain from rats acutely intoxicated with diisopropylfluorophosphate identifies potential therapeutic targets. <i>Toxicology and Applied Pharmacology</i> , 2019, 382, 114749.	2.8	8
20	Persistent neuropathology and behavioral deficits in a mouse model of status epilepticus induced by acute intoxication with diisopropylfluorophosphate. <i>NeuroToxicology</i> , 2021, 87, 106-119.	3.0	8
21	The Use of Percent Change in RR Interval for Data Exclusion in Analyzing 24-h Time Domain Heart Rate Variability in Rodents. <i>Frontiers in Physiology</i> , 2019, 10, 693.	2.8	7
22	Factors influencing adverse skin responses in rats receiving repeated subcutaneous injections and potential impact on neurobehavior. <i>Current Neurobiology</i> , 2014, 5, 1-10.	1.0	2
23	Strain differences in the extent of brain injury in mice after tetramethylenedisulfotetramine-induced status epilepticus. <i>NeuroToxicology</i> , 2021, 87, 43-50.	3.0	1