

# AndrÃ©-Guilhem Calas

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

199  
citations

1040018

9  
h-index

1372553

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic exposure to glufosinate-ammonium induces spatial memory impairments, hippocampal MRI modifications and glutamine synthetase activation in mice. <i>NeuroToxicology</i> , 2008, 29, 740-747.	3.0	46
2	Immunomodulatory influence of bone marrow-derived mesenchymal stem cells on neuroinflammation in astrocyte cultures. <i>Journal of Neuroimmunology</i> , 2012, 249, 40-48.	2.3	38
3	MRI Characterization of Structural Mouse Brain Changes in Response to Chronic Exposure to the Glufosinate Ammonium Herbicide. <i>Toxicological Sciences</i> , 2009, 111, 321-330.	3.1	23
4	Early ALS-type gait abnormalities in AMP-dependent protein kinase-deficient mice suggest a role for this metabolic sensor in early stages of the disease. <i>Metabolic Brain Disease</i> , 2015, 30, 1369-1377.	2.9	21
5	An easy method for the determination of active concentrations of cholinesterase reactivators in blood samples: Application to the efficacy assessment of non quaternary reactivators compared to HI-6 and pralidoxime in VX-poisoned mice. <i>Chemico-Biological Interactions</i> , 2017, 267, 11-16.	4.0	20
6	Characterization of seizures induced by acute exposure to an organophosphate herbicide, glufosinate-ammonium. <i>NeuroReport</i> , 2016, 27, 532-541.	1.2	13
7	Efficacy Assessment of an Uncharged Reactivator of NOP-Inhibited Acetylcholinesterase Based on Tetrahydroacridine Pyridine-Aldoxime Hybrid in Mouse Compared to Pralidoxime. <i>Biomolecules</i> , 2020, 10, 858.	4.0	12
8	Pharmacological blockade of dopamine D2 receptors by aripiprazole is not associated with striatal sensitization. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 65-77.	3.0	10
9	A New Class of Bi- and Trifunctional Sugar Oximes as Antidotes against Organophosphorus Poisoning. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 4649-4666.	6.4	9
10	Respiratory failure triggered by cholinesterase inhibitors may involve activation of a reflex sensory pathway by acetylcholine spillover. <i>Toxicology</i> , 2019, 424, 152232.	4.2	7
11	An Antidote Screening System for Organophosphorus Poisoning Using Zebrafish Larvae. <i>ACS Chemical Neuroscience</i> , 2021, 12, 2865-2877.	3.5	0