

# Carlos J Baier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/752181/publications.pdf>

Version: 2024-02-01

16  
papers

732  
citations

687220

13  
h-index

940416

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

1000  
citing authors

#	ARTICLE	IF	CITATIONS
1	Disclosure of cholesterol recognition motifs in transmembrane domains of the human nicotinic acetylcholine receptor. <i>Scientific Reports</i> , 2011, 1, 69.	1.6	201
2	Molecular mechanisms of protein-cholesterol interactions in plasma membranes: Functional distinction between topological (tilted) and consensus (CARC/CRAC) domains. <i>Chemistry and Physics of Lipids</i> , 2016, 199, 52-60.	1.5	73
3	Gestational Restraint Stress and the Developing Dopaminergic System: An Overview. <i>Neurotoxicity Research</i> , 2012, 22, 16-32.	1.3	58
4	Perinatal Glyphosate-Based Herbicide Exposure in Rats Alters Brain Antioxidant Status, Glutamate and Acetylcholine Metabolism and Affects Recognition Memory. <i>Neurotoxicity Research</i> , 2018, 34, 363-374.	1.3	58
5	Relevance of CARC and CRAC Cholesterol-Recognition Motifs in the Nicotinic Acetylcholine Receptor and Other Membrane-Bound Receptors. <i>Current Topics in Membranes</i> , 2017, 80, 3-23.	0.5	56
6	Prenatal maternal restraint stress exposure alters the reproductive hormone profile and testis development of the rat male offspring. <i>Stress</i> , 2013, 16, 429-440.	0.8	48
7	Behavioral impairments following repeated intranasal glyphosate-based herbicide administration in mice. <i>Neurotoxicology and Teratology</i> , 2017, 64, 63-72.	1.2	48
8	Cholesterol modulation of nicotinic acetylcholine receptor surface mobility. <i>European Biophysics Journal</i> , 2010, 39, 213-227.	1.2	39
9	Glutamate neurotransmission is affected in prenatally stressed offspring. <i>Neurochemistry International</i> , 2015, 88, 73-87.	1.9	32
10	Age-Dependent Effects of Prenatal Stress on the Corticolimbic Dopaminergic System Development in the Rat Male Offspring. <i>Neurochemical Research</i> , 2013, 38, 2323-2335.	1.6	28
11	Prenatal restraint stress decreases the expression of alpha-7 nicotinic receptor in the brain of adult rat offspring. <i>Stress</i> , 2015, 18, 435-445.	0.8	26
12	Intranasal glyphosate-based herbicide administration alters the redox balance and the cholinergic system in the mouse brain. <i>NeuroToxicology</i> , 2020, 77, 205-215.	1.4	22
13	Synthesis and cholinesterase inhibition of cativic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3838-3849.	1.4	18
14	Intrastratial 6-OHDA Lesion Differentially Affects Dopaminergic Neurons in the Ventral Tegmental Area of Prenatally Stressed Rats. <i>Neurotoxicity Research</i> , 2014, 26, 274-284.	1.3	10
15	Design and Microwave-Assisted Synthesis of Aza-Resveratrol Analogs with Potent Cholinesterase Inhibition. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020, 19, 630-641.	0.8	8
16	Perinatal Psychoneuroimmunology: Protocols for the Study of Prenatal Stress and Its Effects on Fetal and Postnatal Brain Development. <i>Methods in Molecular Biology</i> , 2018, 1781, 353-376.	0.4	7