

# Carlos J Baier

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/752181/carlos-j-baier-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

531  
citations

12  
h-index

17  
g-index

17  
ext. papers

643  
ext. citations

3.4  
avg, IF

3.72  
L-index

#	Paper	IF	Citations
16	Intranasal glyphosate-based herbicide administration alters the redox balance and the cholinergic system in the mouse brain. <i>NeuroToxicology</i> , <b>2020</b> , 77, 205-215	4.4	6
15	Design and Microwave-Assisted Synthesis of Aza-Resveratrol Analogs with Potent Cholinesterase Inhibition. <i>CNS and Neurological Disorders - Drug Targets</i> , <b>2020</b> , 19, 630-641	2.6	5
14	Perinatal Glyphosate-Based Herbicide Exposure in Rats Alters Brain Antioxidant Status, Glutamate and Acetylcholine Metabolism and Affects Recognition Memory. <i>Neurotoxicity Research</i> , <b>2018</b> , 34, 363-374	4.2	31
13	Perinatal Psychoneuroimmunology: Protocols for the Study of Prenatal Stress and Its Effects on Fetal and Postnatal Brain Development. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1781, 353-376	1.4	5
12	Behavioral impairments following repeated intranasal glyphosate-based herbicide administration in mice. <i>Neurotoxicology and Teratology</i> , <b>2017</b> , 64, 63-72	3.9	23
11	Relevance of CARC and CRAC Cholesterol-Recognition Motifs in the Nicotinic Acetylcholine Receptor and Other Membrane-Bound Receptors. <i>Current Topics in Membranes</i> , <b>2017</b> , 80, 3-23	2.2	42
10	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> , <b>2016</b> , 199, 52-60	3.7	52
9	Glutamate neurotransmission is affected in prenatally stressed offspring. <i>Neurochemistry International</i> , <b>2015</b> , 88, 73-87	4.4	21
8	Prenatal restraint stress decreases the expression of alpha-7 nicotinic receptor in the brain of adult rat offspring. <i>Stress</i> , <b>2015</b> , 18, 435-45	3	22
7	Synthesis and cholinesterase inhibition of cativic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 3838-49	3.4	15
6	Intrastratial 6-OHDA lesion differentially affects dopaminergic neurons in the ventral tegmental area of prenatally stressed rats. <i>Neurotoxicity Research</i> , <b>2014</b> , 26, 274-84	4.3	7
5	Prenatal maternal restraint stress exposure alters the reproductive hormone profile and testis development of the rat male offspring. <i>Stress</i> , <b>2013</b> , 16, 429-40	3	37
4	Age-dependent effects of prenatal stress on the corticolimbic dopaminergic system development in the rat male offspring. <i>Neurochemical Research</i> , <b>2013</b> , 38, 2323-35	4.6	22
3	Gestational restraint stress and the developing dopaminergic system: an overview. <i>Neurotoxicity Research</i> , <b>2012</b> , 22, 16-32	4.3	52
2	Disclosure of cholesterol recognition motifs in transmembrane domains of the human nicotinic acetylcholine receptor. <i>Scientific Reports</i> , <b>2011</b> , 1, 69	4.9	162
1	Cholesterol modulation of nicotinic acetylcholine receptor surface mobility. <i>European Biophysics Journal</i> , <b>2010</b> , 39, 213-27	1.9	29