

Carlos J Baier

List of Publications by Citations

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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	Disclosure of cholesterol recognition motifs in transmembrane domains of the human nicotinic acetylcholine receptor. <i>Scientific Reports</i> , 2011 , 1, 69	4.9	162
15	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	3.7	52
14	Gestational restraint stress and the developing dopaminergic system: an overview. <i>Neurotoxicity Research</i> , 2012 , 22, 16-32	4.3	52
13	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	2.2	42
12	Prenatal maternal restraint stress exposure alters the reproductive hormone profile and testis development of the rat male offspring. <i>Stress</i> , 2013 , 16, 429-40	3	37
11	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	4.3	31
10	Cholesterol modulation of nicotinic acetylcholine receptor surface mobility. <i>European Biophysics Journal</i> , 2010 , 39, 213-27	1.9	29
9	Behavioral impairments following repeated intranasal glyphosate-based herbicide administration in mice. <i>Neurotoxicology and Teratology</i> , 2017 , 64, 63-72	3.9	23
8	Prenatal restraint stress decreases the expression of alpha-7 nicotinic receptor in the brain of adult rat offspring. <i>Stress</i> , 2015 , 18, 435-45	3	22
7	Age-dependent effects of prenatal stress on the corticolimbic dopaminergic system development in the rat male offspring. <i>Neurochemical Research</i> , 2013 , 38, 2323-35	4.6	22
6	Glutamate neurotransmission is affected in prenatally stressed offspring. <i>Neurochemistry International</i> , 2015 , 88, 73-87	4.4	21
5	Synthesis and cholinesterase inhibition of cativic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 3838-49	3.4	15
4	Intrastriatal 6-OHDA lesion differentially affects dopaminergic neurons in the ventral tegmental area of prenatally stressed rats. <i>Neurotoxicity Research</i> , 2014 , 26, 274-84	4.3	7
3	Intranasal glyphosate-based herbicide administration alters the redox balance and the cholinergic system in the mouse brain. <i>NeuroToxicology</i> , 2020 , 77, 205-215	4.4	6
2	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	1.4	5
1	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	2.6	5