

Elena Puerta

List of Publications by Citations

Source: <https://exaly.com/author-pdf/332770/elena-puerta-publications-by-citations.pdf>

Version: 2024-04-23

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.

43
papers

1,080
citations

19
h-index

32
g-index

44
ext. papers

1,259
ext. citations

5.3
avg. IF

4.08
L-index

#	Paper	IF	Citations
43	Sildenafil restores cognitive function without affecting β amyloid burden in a mouse model of Alzheimer's disease. <i>British Journal of Pharmacology</i> , 2011 , 164, 2029-41	8.6	129
42	Treatment Options in Alzheimer's Disease: The GABA Story. <i>Current Pharmaceutical Design</i> , 2015 , 21, 4960-71	3.3	73
41	Effect of the oral administration of nanoencapsulated quercetin on a mouse model of Alzheimer's disease. <i>International Journal of Pharmaceutics</i> , 2017 , 517, 50-57	6.5	70
40	Sildenafil protects against 3-nitropropionic acid neurotoxicity through the modulation of calpain, CREB, and BDNF. <i>Neurobiology of Disease</i> , 2010 , 38, 237-45	7.5	60
39	Alterations in brain leptin signalling in spite of unchanged CSF leptin levels in Alzheimer's disease. <i>Aging Cell</i> , 2015 , 14, 122-9	9.9	50
38	Is it possible to improve memory function by upregulation of the cholesterol 24S-hydroxylase (CYP46A1) in the brain?. <i>PLoS ONE</i> , 2013 , 8, e68534	3.7	48
37	Sildenafil ameliorates cognitive deficits and tau pathology in a senescence-accelerated mouse model. <i>Neurobiology of Aging</i> , 2012 , 33, 625.e11-20	5.6	41
36	Methadone induces necrotic-like cell death in SH-SY5Y cells by an impairment of mitochondrial ATP synthesis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010 , 1802, 1036-47	6.9	40
35	Phosphodiesterase 5 inhibitors prevent 3,4-methylenedioxymethamphetamine-induced 5-HT deficits in the rat. <i>Journal of Neurochemistry</i> , 2009 , 108, 755-66	6	39
34	Chronic stress and antidepressant induced changes in Hdac5 and Sirt2 affect synaptic plasticity. <i>European Neuropsychopharmacology</i> , 2015 , 25, 2036-48	1.2	38
33	The relationship between core body temperature and 3,4-methylenedioxymethamphetamine metabolism in rats: implications for neurotoxicity. <i>Psychopharmacology</i> , 2008 , 197, 263-78	4.7	36
32	Methylenedioxymethamphetamine inhibits mitochondrial complex I activity in mice: a possible mechanism underlying neurotoxicity. <i>British Journal of Pharmacology</i> , 2010 , 160, 233-45	8.6	34
31	SIRT2 inhibition modulate glutamate and serotonin systems in the prefrontal cortex and induces antidepressant-like action. <i>Neuropharmacology</i> , 2017 , 117, 195-208	5.5	33
30	Combination of apolipoprotein E4 and high carbohydrate diet reduces hippocampal BDNF and arc levels and impairs memory in young mice. <i>Journal of Alzheimer's Disease</i> , 2012 , 32, 341-55	4.3	31
29	Epilepsy and neuropsychiatric comorbidities in mice carrying a recurrent Dravet syndrome SCN1A missense mutation. <i>Scientific Reports</i> , 2019 , 9, 14172	4.9	27
28	Sildenafil Decreases BACE1 and Cathepsin B Levels and Reduces APP Amyloidogenic Processing in the SAMP8 Mouse. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 675-85	6.4	26
27	The NMDA receptor subunit GluN3A protects against 3-nitropropionic-induced striatal lesions via inhibition of calpain activation. <i>Neurobiology of Disease</i> , 2012 , 48, 290-8	7.5	23

26	Implication of JNK pathway on tau pathology and cognitive decline in a senescence-accelerated mouse model. <i>Experimental Gerontology</i> , 2013 , 48, 565-71	4.5	23
25	Minoxidil prevents 3,4-methylenedioxymethamphetamine-induced serotonin depletions: role of mitochondrial ATP-sensitive potassium channels, Akt and ERK. <i>Journal of Neurochemistry</i> , 2008 , 104, 914-25	6	20
24	Chronic mild stress and imipramine treatment elicit opposite changes in behavior and in gene expression in the mouse prefrontal cortex. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 135, 227-36	3.9	19
23	Insufficient resolution response in the hippocampus of a senescence-accelerated mouse model--SAMP8. <i>Journal of Molecular Neuroscience</i> , 2015 , 55, 396-405	3.3	19
22	On the mechanisms underlying 3,4-methylenedioxymethamphetamine toxicity: the dilemma of the chicken and the egg. <i>Neuropsychobiology</i> , 2009 , 60, 119-29	4	19
21	Early sirtuin 2 inhibition prevents age-related cognitive decline in a senescence-accelerated mouse model. <i>Neuropsychopharmacology</i> , 2020 , 45, 347-357	8.7	19
20	On the role of tyrosine and peripheral metabolism in 3,4-methylenedioxymethamphetamine-induced serotonin neurotoxicity in rats. <i>Neuropharmacology</i> , 2008 , 54, 885-900	5.5	18
19	Aggregation of the Inflammatory S100A8 Precedes A β Plaque Formation in Transgenic APP Mice: Positive Feedback for S100A8 and A β Productions. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 319-328	6.4	18
18	Inhibition of calpain-regulated p35/cdk5 plays a central role in sildenafil-induced protection against chemical hypoxia produced by malonate. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 705-17	6.9	17
17	Modulation of the ASK1-MKK3/6-p38/MAPK signalling pathway mediates sildenafil protection against chemical hypoxia caused by malonate. <i>British Journal of Pharmacology</i> , 2013 , 168, 1820-34	8.6	15
16	SIRT2 inhibition reverses anhedonia in the VGLUT1+/- depression model. <i>Behavioural Brain Research</i> , 2017 , 335, 128-131	3.4	14
15	Contribution of dopamine to mitochondrial complex I inhibition and dopaminergic deficits caused by methylenedioxymethamphetamine in mice. <i>Neuropharmacology</i> , 2015 , 93, 124-33	5.5	12
14	3,4-methylenedioxymethamphetamine induces gene expression changes in rats related to serotonergic and dopaminergic systems, but not to neurotoxicity. <i>Neurotoxicity Research</i> , 2014 , 25, 161-9	4.3	11
13	Long-lasting neuroprotective effect of sildenafil against 3,4-methylenedioxymethamphetamine-induced 5-hydroxytryptamine deficits in the rat brain. <i>Journal of Neuroscience Research</i> , 2012 , 90, 518-28	4.4	10
12	Comment on the letter by Green, Gabrielsson, Marsden, and Fone, MDMA: on the translation from rodent to human dosing. <i>Psychopharmacology</i> , 2009 , 204, 379-80	4.7	8
11	Studies on the mechanisms underlying amiloride enhancement of 3,4-methylenedioxymethamphetamine-induced serotonin depletion in rats. <i>European Journal of Pharmacology</i> , 2007 , 562, 198-207	5.3	8
10	Nucleocytoplasmic export of HDAC5 and SIRT2 downregulation: two epigenetic mechanisms by which antidepressants enhance synaptic plasticity markers. <i>Psychopharmacology</i> , 2018 , 235, 2831-2846	4.7	6
9	Delayed pre-conditioning by 3-nitropropionic acid prevents 3,4-methylenedioxymetamphetamine-induced 5-HT deficits. <i>Journal of Neurochemistry</i> , 2010 , 114, 843-52	6	6

8	Hypercholesterolemia and 27-Hydroxycholesterol Increase S100A8 and RAGE Expression in the Brain: a Link Between Cholesterol, Alarmins, and Neurodegeneration. <i>Molecular Neurobiology</i> , 2021 , 58, 6063-6076	6.2	5
7	Transfer of to the brain of adolescent mouse model of Dravet syndrome improves epileptic, motor, and behavioral manifestations. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 25, 585-602	10.7	4
6	Methylenedioxymethamphetamine (MDMA, 'Ecstasy'): Neurodegeneration versus Neuromodulation. <i>Pharmaceuticals</i> , 2011 , 4, 992-1018	5.2	3
5	Venlafaxine reverses decreased proliferation in the subventricular zone in a rat model of early life stress. <i>Behavioural Brain Research</i> , 2015 , 292, 79-82	3.4	2
4	Biomarkers in Alzheimer's disease. <i>Advances in Laboratory Medicine / Avances En Medicina De Laboratorio</i> , 2021 , 2, 27-37	1.3	2
3	Primary role for melatonin MT receptors in the regulation of anhedonia and circadian temperature rhythm. <i>European Neuropsychopharmacology</i> , 2021 , 44, 51-65	1.2	2
2	Understanding the Potential Role of Sirtuin 2 on Aging: Consequences of SIRT2.3 Overexpression in Senescence. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
1	Trimethylamine N-oxide (TMAO) drives insulin resistance and cognitive deficiencies in a senescence accelerated mouse model.. <i>Mechanisms of Ageing and Development</i> , 2022 , 204, 111668	5.6	1