Elena Puerta

List of Publications by Year in Descending Order

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	Trimethylamine N-oxide (TMAO) drives insulin resistance and cognitive deficiencies in a senescence accelerated mouse model.. *Mechanisms of Ageing and Development*, **2022**, 204, 111668	5.6	1
42	Biomarkers in Alzheimer disease. *Advances in Laboratory Medicine / Avances En Medicina De Laboratorio*, **2021**, 2, 27-37	1.3	2
41	Understanding the Potential Role of Sirtuin 2 on Aging: Consequences of SIRT2.3 Overexpression in Senescence. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
40	Primary role for melatonin MT receptors in the regulation of anhedonia and circadian temperature rhythm. *European Neuropsychopharmacology*, **2021**, 44, 51-65	1.2	2
39	Hypercholesterolemia and 27-Hydroxycholesterol Increase S100A8 and RAGE Expression in the Brain: a Link Between Cholesterol, Alarmins, and Neurodegeneration. *Molecular Neurobiology*, **2021** , 58, 6063-6076	6.2	5
38	Transfer of to the brain of adolescent mouse model of Dravet syndrome improves epileptic, motor, and behavioral manifestations. *Molecular Therapy - Nucleic Acids*, **2021**, 25, 585-602	10.7	4
37	Early sirtuin 2 inhibition prevents age-related cognitive decline in a senescence-accelerated mouse model. *Neuropsychopharmacology*, **2020**, 45, 347-357	8.7	19
36	Epilepsy and neuropsychiatric comorbidities in mice carrying a recurrent Dravet syndrome SCN1A missense mutation. *Scientific Reports*, **2019**, 9, 14172	4.9	27
35	Nucleocytoplasmic export of HDAC5 and SIRT2 downregulation: two epigenetic mechanisms by which antidepressants enhance synaptic plasticity markers. *Psychopharmacology*, **2018**, 235, 2831-2846	4.7	6
34	SIRT2 inhibition modulate glutamate and serotonin systems in the prefrontal cortex and induces antidepressant-like action. *Neuropharmacology*, **2017**, 117, 195-208	5.5	33
33	Effect of the oral administration of nanoencapsulated quercetin on a mouse model of Alzheimer's disease. *International Journal of Pharmaceutics*, **2017**, 517, 50-57	6.5	70
32	SIRT2 inhibition reverses anhedonia in the VGLUT1+/- depression model. *Behavioural Brain Research* , **2017**, 335, 128-131	3.4	14
31	Aggregation of the Inflammatory S100A8 Precedes A Plaque Formation in Transgenic APP Mice: Positive Feedback for S100A8 and A Productions. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2017**, 72, 319-328	6.4	18
30	Venlafaxine reverses decreased proliferation in the subventricular zone in a rat model of early life stress. *Behavioural Brain Research*, **2015**, 292, 79-82	3.4	2
29	Alterations in brain leptin signalling in spite of unchanged CSF leptin levels in Alzheimer's disease. *Aging Cell*, **2015**, 14, 122-9	9.9	50
28	Chronic stress and antidepressant induced changes in Hdac5 and Sirt2 affect synaptic plasticity. *European Neuropsychopharmacology*, **2015**, 25, 2036-48	1.2	38
27	Chronic mild stress and imipramine treatment elicit opposite changes in behavior and in gene expression in the mouse prefrontal cortex. *Pharmacology Biochemistry and Behavior*, **2015**, 135, 227-36	3.9	19

26	Sildenafil Decreases BACE1 and Cathepsin B Levels and Reduces APP Amyloidogenic Processing in the SAMP8 Mouse. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2015**, 70, 675-85	6.4	26
25	Insufficient resolution response in the hippocampus of a senescence-accelerated mouse model--SAMP8. *Journal of Molecular Neuroscience*, **2015**, 55, 396-405	3.3	19
24	Contribution of dopamine to mitochondrial complex I inhibition and dopaminergic deficits caused by methylenedioxymethamphetamine in mice. *Neuropharmacology*, **2015**, 93, 124-33	5.5	12
23	Treatment Options in Alzheimer's Disease: The GABA Story. *Current Pharmaceutical Design*, **2015**, 21, 4960-71	3.3	73
22	3,4-methylenedioxymethamphetamine induces gene expression changes in rats related to serotonergic and dopaminergic systems, but not to neurotoxicity. *Neurotoxicity Research*, **2014**, 25, 161-9	4.3	11
21	Implication of JNK pathway on tau pathology and cognitive decline in a senescence-accelerated mouse model. *Experimental Gerontology*, **2013**, 48, 565-71	4.5	23
20	Inhibition of calpain-regulated p35/cdk5 plays a central role in sildenafil-induced protection against chemical hypoxia produced by malonate. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 705-17	6.9	17
19	Modulation of the ASK1-MKK3/6-p38/MAPK signalling pathway mediates sildenafil protection against chemical hypoxia caused by malonate. *British Journal of Pharmacology*, **2013**, 168, 1820-34	8.6	15
18	Is it possible to improve memory function by upregulation of the cholesterol 24S-hydroxylase (CYP46A1) in the brain?. *PLoS ONE*, **2013**, 8, e68534	3.7	48
17	Long-lasting neuroprotective effect of sildenafil against 3,4-methylenedioxymethamphetamine-induced 5-hydroxytryptamine deficits in the rat brain. *Journal of Neuroscience Research*, **2012**, 90, 518-28	4.4	10
16	The NMDA receptor subunit GluN3A protects against 3-nitroproprionic-induced striatal lesions via inhibition of calpain activation. *Neurobiology of Disease*, **2012**, 48, 290-8	7.5	23
15	Combination of apolipoprotein E4 and high carbohydrate diet reduces hippocampal BDNF and arc levels and impairs memory in young mice. *Journal of Alzheimer's Disease*, **2012**, 32, 341-55	4.3	31
14	Sildenafil ameliorates cognitive deficits and tau pathology in a senescence-accelerated mouse model. *Neurobiology of Aging*, **2012**, 33, 625.e11-20	5.6	41
13	Sildenafil restores cognitive function without affecting β-amyloid burden in a mouse model of Alzheimer's disease. *British Journal of Pharmacology*, **2011**, 164, 2029-41	8.6	129
12	Methylenedioxymethamphetamine (MDMA, 'Ecstasy'): Neurodegeneration versus Neuromodulation. *Pharmaceuticals*, **2011**, 4, 992-1018	5.2	3
11	Methylenedioxymethamphetamine inhibits mitochondrial complex I activity in mice: a possible mechanism underlying neurotoxicity. *British Journal of Pharmacology*, **2010**, 160, 233-45	8.6	34
10	Delayed pre-conditioning by 3-nitropropionic acid prevents 3,4-methylenedioxymetamphetamine-induced 5-HT deficits. *Journal of Neurochemistry*, **2010**, 114, 843-52	6	6
9	Methadone induces necrotic-like cell death in SH-SY5Y cells by an impairment of mitochondrial ATP synthesis. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2010**, 1802, 1036-47	6.9	40

8	Sildenafil protects against 3-nitropropionic acid neurotoxicity through the modulation of calpain, CREB, and BDNF. *Neurobiology of Disease*, **2010**, 38, 237-45	7.5	60
7	On the mechanisms underlying 3,4-methylenedioxymethamphetamine toxicity: the dilemma of the chicken and the egg. *Neuropsychobiology*, **2009**, 60, 119-29	4	19
6	Comment on the letter by Green, Gabrielsson, Marsden, and Fone, MDMA: on the translation from rodent to human dosing. *Psychopharmacology*, **2009**, 204, 379-80	4.7	8
5	Phosphodiesterase 5 inhibitors prevent 3,4-methylenedioxymethamphetamine-induced 5-HT deficits in the rat. *Journal of Neurochemistry*, **2009**, 108, 755-66	6	39
4	Minoxidil prevents 3,4-methylenedioxymethamphetamine-induced serotonin depletions: role of mitochondrial ATP-sensitive potassium channels, Akt and ERK. *Journal of Neurochemistry*, **2008**, 104, 914-25	6	20
3	On the role of tyrosine and peripheral metabolism in 3,4-methylenedioxymethamphetamine-induced serotonin neurotoxicity in rats. *Neuropharmacology* , **2008**, 54, 885-900	5.5	18
2	The relationship between core body temperature and 3,4-methylenedioxymethamphetamine metabolism in rats: implications for neurotoxicity. *Psychopharmacology*, **2008**, 197, 263-78	4.7	36
1	Studies on the mechanisms underlying amiloride enhancement of 3,4-methylenedioxymethamphetamine-induced serotonin depletion in rats. *European Journal of Pharmacology*, **2007**, 562, 198-207	5.3	8