

# Javier Del Pino Sans

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Cadmium-induced neurotoxic effects on rat basal forebrain cholinergic system through thyroid hormones disruption. <i>Environmental Toxicology and Pharmacology</i> , 2022, 90, 103791.	2.0	9
2	Neuroprotective mechanisms of multitarget 7-aminophenanthridin-6(5H)-one derivatives against metal-induced amyloid proteins generation and aggregation. <i>Food and Chemical Toxicology</i> , 2022, 167, 113264.	1.8	1
3	Paraquat Treatment Compromises the Clearance of $\beta$ -Amyloid and Tau Proteins and Induces Primary Hippocampal Neuronal Cell Death through HSP70, P20S, and TFEB Disruption. <i>Chemical Research in Toxicology</i> , 2021, 34, 1240-1244.	1.7	5
4	Discovery of 7-aminophenanthridin-6-one as a new scaffold for matrix metalloproteinase inhibitors with multitarget neuroprotective activity. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 113061.	2.6	6
5	Chlorpyrifos induces cell proliferation in MCF-7 and MDA-MB-231 cells, through cholinergic and Wnt/ $\beta$ -catenin signaling disruption, AChE-R upregulation and oxidative stress generation after single and repeated treatment. <i>Food and Chemical Toxicology</i> , 2021, 152, 112241.	1.8	9
6	Aryl Hydrocarbon Receptor Activation Produces Heat Shock Protein 90 and 70 Overexpression, Prostaglandin E2/Wnt/ $\beta$ -Catenin Signaling Disruption, and Cell Proliferation in MCF-7 and MDA-MB-231 Cells after 24 h and 14 Days of Chlorpyrifos Treatment. <i>Chemical Research in Toxicology</i> , 2021, 34, 2019-2023.	1.7	2
7	Neuroprotective Action of Multitarget 7-Aminophenanthridin-6(5H)-one Derivatives against Metal-Induced Cell Death and Oxidative Stress in SN56 Cells. <i>ACS Chemical Neuroscience</i> , 2021, 12, 3358-3372.	1.7	6
8	Bisphenol A single and repeated treatment increases HDAC2, leading to cholinergic neurotransmission dysfunction and SN56 cholinergic apoptotic cell death through AChE variants overexpression and NGF/TrkA/P75NTR signaling disruption. <i>Food and Chemical Toxicology</i> , 2021, 157, 112614.	1.8	5
9	Primary hippocampal estrogenic dysfunction induces synaptic proteins alteration and neuronal cell death after single and repeated paraquat exposure. <i>Food and Chemical Toxicology</i> , 2020, 136, 110961.	1.8	12
10	Manganese increases $\beta$ and Tau protein levels through proteasome 20S and heat shock proteins 90 and 70 alteration, leading to SN56 cholinergic cell death following single and repeated treatment. <i>Ecotoxicology and Environmental Safety</i> , 2020, 203, 110975.	2.9	14
11	Dysregulation of prostaglandine E2 and BDNF signaling mediated by estrogenic dysfunction induces primary hippocampal neuronal cell death after single and repeated paraquat treatment. <i>Food and Chemical Toxicology</i> , 2020, 144, 111611.	1.8	5
12	Chlorpyrifos-induced cell proliferation in human breast cancer cell lines differentially mediated by estrogen and aryl hydrocarbon receptors and KIAA1363 enzyme after 24 h and 14 days exposure. <i>Chemosphere</i> , 2020, 251, 126426.	4.2	28
13	Proteasome 20S and Rab5 Alteration after 24 h and 14 Days Chlorpyrifos Exposure Lead to $\beta$ -Amyloid and Tau Protein Level Increases and SN56 Neuronal Cell Death. <i>Chemical Research in Toxicology</i> , 2019, 32, 1920-1924.	1.7	3
14	Oxidative stress and cell death induction by amitraz and its metabolite BTS-27271 mediated through cytochrome P450 and NRF2 pathway alteration in primary hippocampal cell. <i>Food and Chemical Toxicology</i> , 2019, 129, 87-96.	1.8	16
15	Manganese induced ROS and AChE variants alteration leads to SN56 basal forebrain cholinergic neuronal loss after acute and long-term treatment. <i>Food and Chemical Toxicology</i> , 2019, 125, 583-594.	1.8	17
16	SN56 neuronal cell death after 24 h and 14 days chlorpyrifos exposure through glutamate transmission dysfunction, increase of GSK-3 $\beta$ enzyme, $\beta$ -amyloid and tau protein levels. <i>Toxicology</i> , 2018, 402-403, 17-27.	2.0	14
17	Cadmium induced ROS alters M1 and M3 receptors, leading to SN56 cholinergic neuronal loss, through AChE variants disruption. <i>Toxicology</i> , 2018, 394, 54-62.	2.0	30
18	Analysis of gene expression profiles of CR80, a neuroprotective 1,8-Naphthyridine. <i>Future Medicinal Chemistry</i> , 2018, 10, 1289-1300.	1.1	4

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19	Cadmium alters heat shock protein pathways in SN56 cholinergic neurons, leading to A $\beta$ 2 and phosphorylated Tau protein generation and cell death. Food and Chemical Toxicology, 2018, 121, 297-308.	1.8	15
20	Neuroinflammation Signaling Modulated by ASS234, a Multitarget Small Molecule for Alzheimer's Disease Therapy. ACS Chemical Neuroscience, 2018, 9, 2880-2885.	1.7	14
21	Modulation of Heat Shock Response Proteins by ASS234, Targeted for Neurodegenerative Diseases Therapy. Chemical Research in Toxicology, 2018, 31, 839-842.	1.7	16
22	Amitraz changes NE, DA and 5-HT biosynthesis and metabolism mediated by alterations in estradiol content in CNS of male rats. Chemosphere, 2017, 181, 518-529.	4.2	21
23	Toxicogenomic profile of apoptotic and necrotic SN56 basal forebrain cholinergic neuronal loss after acute and long-term chlorpyrifos exposure. Neurotoxicology and Teratology, 2017, 59, 68-73.	1.2	15
24	Primary hippocampal neuronal cell death induction after acute and repeated paraquat exposures mediated by AChE variants alteration and cholinergic and glutamatergic transmission disruption. Toxicology, 2017, 390, 88-99.	2.0	19
25	THE IMPORTANCE OF TEACHING COMMUNICATIVE SKILLS TO UNIVERSITY STUDENT. , 2017, , .		0
26	THE NECESSITY TO COMBINE REAL AND VIRTUAL LAB PRACTICES. , 2017, , .		0
27	COLLABORATIVE/COMPETITIVE LEARNING OF TOXICOLOGY STUDENTS USING INTERACTIVE DIGITAL BLACKBOARD AND CLICKER SISTEM APPLICATIONS. , 2017, , .		0
28	COLLABORATIVE/COMPETITIVE LEARNING OF TOXICOLOGY STUDENTS USING SMART AMP AND CLICKER SYSTEM APPLICATIONS. , 2017, , .		0
29	Developmental exposure to 2,3,7,8-tetrachlorodibenzo-p-dioxin may alter LH release patterns by abolishing sex differences in GABA/glutamate cell number and modifying the transcriptome of the male anteroventral periventricular nucleus. Neuroscience, 2016, 329, 239-253.	1.1	8
30	Upregulation of Antioxidant Enzymes by <sc>ASS</sc>234, a Multitarget Directed Propargylamine for Alzheimer's Disease Therapy. CNS Neuroscience and Therapeutics, 2016, 22, 799-802.	1.9	11
31	Muscarinic M1 receptor partially modulates higher sensitivity to cadmium-induced cell death in primary basal forebrain cholinergic neurons: A cholinesterase variants dependent mechanism. Toxicology, 2016, 361-362, 1-11.	2.0	6
32	SN56 basal forebrain cholinergic neuronal loss after acute and long-term chlorpyrifos exposure through oxidative stress generation; P75NTR and $\alpha$ 7-nAChRs alterations mediated partially by AChE variants disruption. Toxicology, 2016, 353-354, 48-57.	2.0	12
33	Cadmium-induced cell death of basal forebrain cholinergic neurons mediated by muscarinic M1 receptor blockade, increase in GSK-3 $\beta$ enzyme, $\beta$ -amyloid and tau protein levels. Archives of Toxicology, 2016, 90, 1081-1092.	1.9	68
34	Metals and Thyroid Toxicity. , 2016, , 97-121.		2
35	Permanent sexual and regional noradrenergic system impairment after prenatal and postnatal exposure to chlordimeform. , 2016, 06, .		0
36	MOBILE DEVICES AS A CLASSROOM RESPONSE SYSTEM: AN IMPROVEMENT OF CLICKER DEVICES. , 2016, , .		0

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37	Thyroid Toxicity. , 2016, , .		2
38	Biological Select Agents and Toxins (BSAT). , 2016, , 51-67.		0
39	The Thyroid System. , 2016, , 3-19.		0
40	Industrial Chemicals. , 2016, , 187-215.		0
41	Foods: Functional Foods, Food Additives and Dietetic Supplements. , 2016, , 165-185.		0
42	Clicker system improvement with a web technology system. Medical Education, 2015, 49, 1161-1162.	1.1	2
43	Molecular Mechanisms of Amitraz Mammalian Toxicity: A Comprehensive Review of Existing Data. Chemical Research in Toxicology, 2015, 28, 1073-1094.	1.7	27
44	Microarray analysis of neonatal rat anteroventral periventricular transcriptomes identifies the proapoptotic Cugbp2 gene as sex-specific and regulated by estradiol. Neuroscience, 2015, 303, 312-322.	1.1	12
45	Acute and long-term exposure to chlorpyrifos induces cell death of basal forebrain cholinergic neurons through AChE variants alteration. Toxicology, 2015, 336, 1-9.	2.0	20
46	Neuroprotective or neurotoxic effects of 4-aminopyridine mediated by KCHIP1 regulation through adjustment of Kv 4.3 potassium channels expression and GABA-mediated transmission in primary hippocampal cells. Toxicology, 2015, 333, 107-117.	2.0	10
47	Impaired glutamatergic and GABAergic transmission by amitraz in primary hippocampal cells. Neurotoxicology and Teratology, 2015, 50, 82-87.	1.2	4
48	Wnt Signaling Pathway, a Potential Target for Alzheimer's Disease Treatment, is Activated by a Novel Multitarget Compound <sc>ASS</sc>234. CNS Neuroscience and Therapeutics, 2014, 20, 568-570.	1.9	19
49	A review of metal-catalyzed molecular damage: protection by melatonin. Journal of Pineal Research, 2014, 56, 343-370.	3.4	145
50	Melatonin as potential candidate to prevent the toxicity induced by chemical warfare agents. Archives of Toxicology, 2014, 88, 3-4.	1.9	34
51	Higher sensitivity to cadmium induced cell death of basal forebrain cholinergic neurons: A cholinesterase dependent mechanism. Toxicology, 2014, 325, 151-159.	2.0	40
52	Toxicological and pharmacological evaluation, antioxidant, ADMET and molecular modeling of selected racemic chromenotacrine {11-amino-12-aryl-8,9,10,12-tetrahydro-7H-chromeno[2,3-b]quinolin-3-ols} for the potential prevention and treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2014, 74, 491-501.	2.6	44
53	Liver and kidney damage induced by 4-aminopyridine in a repeated dose (28 days) oral toxicity study in rats: Gene expression profile of hybrid cell death. Toxicology Letters, 2014, 225, 252-263.	0.4	3
54	Effects of exposure to amitraz on noradrenaline, serotonin and dopamine levels in brain regions of 30 and 60 days old male rats. Toxicology, 2013, 308, 88-95.	2.0	10

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55	Toxicity induced by chemical warfare agents: Insights on the protective role of melatonin. <i>Chemico-Biological Interactions</i> , 2013, 206, 134-142.	1.7	12
56	Nonclassical Progesterone Signalling Molecules in the Nervous System. <i>Journal of Neuroendocrinology</i> , 2013, 25, 991-1001.	1.2	61
57	Novel progesterone receptors: neural localization and possible functions. <i>Frontiers in Neuroscience</i> , 2013, 7, 164.	1.4	71
58	Effects of prenatal and postnatal exposure to amitraz on norepinephrine, serotonin and dopamine levels in brain regions of male and female rats. <i>Toxicology</i> , 2011, 287, 145-152.	2.0	18