Fernando Sanchez-Santed

List of Publications by Year
in descending order

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67 papers	2,251 citations	236612 25 h-index	233125 45 g-index
67 all docs	67 docs citations	67 times ranked	2380 citing authors

#	Article	IF	Citations
1	Rehabilitation of visual functions in adult amblyopic patients with a virtual reality videogame: a case series. Virtual Reality, 2023, 27, 385-396.	4.1	8
2	Influence of Gestational Chlorpyrifos Exposure on ASD-like Behaviors in an fmr1-KO Rat Model. Molecular Neurobiology, 2022, 59, 5835-5855.	1.9	4
3	NMR-Based Metabolomics Approach to Explore Brain Metabolic Changes Induced by Prenatal Exposure to Autism-Inducing Chemicals. ACS Chemical Biology, 2021, 16, 753-765.	1.6	13
4	Relationship between Autism Spectrum Disorder and Pesticides: A Systematic Review of Human and Preclinical Models. International Journal of Environmental Research and Public Health, 2021, 18, 5190.	1.2	22
5	Relationship between Prenatal or Postnatal Exposure to Pesticides and Obesity: A Systematic Review. International Journal of Environmental Research and Public Health, 2021, 18, 7170.	1.2	19
6	Pesticides and aging: Preweaning exposure to Chlorpyrifos induces a general hypomotricity state in late-adult rats. NeuroToxicology, 2021, 86, 69-77.	1.4	1
7	Sex and Exposure to Postnatal Chlorpyrifos Influence the Epigenetics of Feeding-Related Genes in a Transgenic APOE Mouse Model: Long-Term Implications on Body Weight after a High-Fat Diet. International Journal of Environmental Research and Public Health, 2021, 18, 184.	1.2	7
8	Long-term effects of low doses of Chlorpyrifos exposure at the preweaning developmental stage: A locomotor, pharmacological, brain gene expression and gut microbiome analysis. Food and Chemical Toxicology, 2020, 135, 110865.	1.8	35
9	APOE genotype and postnatal chlorpyrifos exposure modulate gut microbiota and cerebral short-chain fatty acids in preweaning mice. Food and Chemical Toxicology, 2020, 135, 110872.	1.8	25
10	Similarities between the Effects of Prenatal Chlorpyrifos and Valproic Acid on Ultrasonic Vocalization in Infant Wistar Rats. International Journal of Environmental Research and Public Health, 2020, 17, 6376.	1.2	12
11	Postnatal exposure to low doses of Chlorpyrifos induces long-term effects on 5C-SRTT learning and performance, cholinergic and GABAergic systems and BDNF expression. Experimental Neurology, 2020, 330, 113356.	2.0	13
12	Age-dependent effects of repeated methamphetamine exposure on locomotor activity and attentional function in rats. Pharmacology Biochemistry and Behavior, 2020, 191, 172879.	1.3	5
13	Transcranial direct current stimulation improves risky decision making in women but not in men: A sham-controlled study. Behavioural Brain Research, 2020, 382, 112485.	1.2	19
14	Medium and long-term effects of low doses of Chlorpyrifos during the postnatal, preweaning developmental stage on sociability, dominance, gut microbiota and plasma metabolites. Environmental Research, 2020, 184, 109341.	3.7	33
15	Excessive habit formation in scheduleâ€induced polydipsia: Microstructural analysis of licking among rat strains and involvement of the orbitofrontal cortex. Genes, Brain and Behavior, 2019, 18, e12489.	1.1	25
16	A Systematic Review on the Influences of Neurotoxicological Xenobiotic Compounds on Inhibitory Control. Frontiers in Behavioral Neuroscience, 2019, 13, 139.	1.0	10
17	APOE genetic background and sex confer different vulnerabilities to postnatal chlorpyrifos exposure and modulate the response to cholinergic drugs. Behavioural Brain Research, 2019, 376, 112195.	1.2	4
18	Exposure to chlorpyrifos at different ages triggers APOE genotype-specific responses in social behavior, body weight and hypothalamic gene expression. Environmental Research, 2019, 178, 108684.	3.7	9

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19	tDCS recovers depth perception in adult amblyopic rats and reorganizes visual cortex activity. Behavioural Brain Research, 2019, 370, 111941.	1.2	8
20	Behavioral and biological markers for predicting compulsive-like drinking in schedule-induced polydipsia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 93, 149-160.	2.5	12
21	Learning, memory and the expression of cholinergic components in mice are modulated by the pesticide chlorpyrifos depending upon age at exposure and apolipoprotein E (APOE) genotype. Archives of Toxicology, 2019, 93, 693-707.	1.9	20
22	Transcranial direct-current stimulation (tDCS) improves detection of simple bright stimuli by amblyopic Long Evans rats in the SLAG task and produces an increase of parvoalbumin labelled cells in visual cortices. Brain Research, 2019, 1704, 94-102.	1.1	5
23	Transcranial direct current stimulation treatment in chronic after-stroke dysphagia: A clinical case. Psicothema, 2019, 31, 179-183.	0.7	7
24	Postnatal chlorpyrifos exposure and apolipoprotein E (APOE) genotype differentially affect cholinergic expression and developmental parameters in transgenic mice. Food and Chemical Toxicology, 2018, 118, 42-52.	1.8	20
25	Postnatal exposure to chlorpyrifos produces long-term effects on spatial memory and the cholinergic system in mice in a sex- and APOE genotype-dependent manner. Food and Chemical Toxicology, 2018, 122, 1-10.	1.8	19
26	Differential Effects of Transcranial Direct Current Stimulation (tDCS) Depending on Previous Musical Training. Frontiers in Psychology, 2018, 9, 1465.	1.1	9
27	The Psychoexposome: A holistic perspective beyond health and disease. Psicothema, 2018, 30, 5-7.	0.7	5
28	Transcranial direct current stimulation improves visual acuity in amblyopic Long-Evans rats. Brain Research, 2017, 1657, 340-346.	1.1	10
29	Go/No-Go task performance predicts differences in compulsivity but not in impulsivity personality traits. Psychiatry Research, 2017, 257, 270-275.	1.7	10
30	Transcranial direct current stimulation as a motor neurorehabilitation tool: an empirical review. BioMedical Engineering OnLine, 2017, 16, 76.	1.3	45
31	Behavioral Biomarkers of Schizophrenia in High Drinker Rats: A Potential Endophenotype of Compulsive Neuropsychiatric Disorders. Schizophrenia Bulletin, 2017, 43, 778-787.	2.3	27
32	The Effect of Transcranial Direct Current Stimulation (tDCS) Over Human Motor Function. Lecture Notes in Computer Science, 2016, , 478-494.	1.0	3
33	Chronic dietary chlorpyrifos causes long-term spatial memory impairment and thigmotaxic behavior. NeuroToxicology, 2016, 53, 85-92.	1.4	19
34	Organophosphate pesticide exposure and neurodegeneration. Cortex, 2016, 74, 417-426.	1.1	175
35	Comparative study on short- and long-term behavioral consequences of organophosphate exposure: Relationship to AChE mRNA expression. NeuroToxicology, 2014, 40, 57-64.	1.4	35
36	Impaired retention in AÎ²PP Swedish mice six months after oral exposure to chlorpyrifos. Food and Chemical Toxicology, 2014, 72, 289-294.	1.8	30

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37	Chronic dietary exposure to chlorpyrifos causes behavioral impairments, low activity of brain membrane-bound acetylcholinesterase, and increased brain acetylcholinesterase-R mRNA. Toxicology, 2013, 308, 41-49.	2.0	39
38	Chlorpyrifos-, Diisopropylphosphorofluoridate-, and Parathion-Induced Behavioral and Oxidative Stress Effects: Are They Mediated by Analogous Mechanisms of Action?. Toxicological Sciences, 2013, 131, 206-216.	1.4	37
39	Long term compulsivity on the 5-choice serial reaction time task after acute Chlorpyrifos exposure. Toxicology Letters, 2013, 216, 73-85.	0.4	25
40	Dose-dependent regional brain acetylcholinesterase and acylpeptide hydrolase inhibition without cell death after chlorpyrifos administration. Journal of Toxicological Sciences, 2013, 38, 193-203.	0.7	15
41	Impulsivity differences in recreational cannabis users and binge drinkers in a university population. Drug and Alcohol Dependence, 2012, 124, 355-362.	1.6	108
42	Cognitive and histological disturbances after chlorpyrifos exposure and chronic AÎ²(1â€“42) infusions in Wistar rats. NeuroToxicology, 2011, 32, 836-844.	1.4	25
43	Amyloid β Peptide Levels Increase in Brain of AβPP Swedish Mice after Exposure to Chlorpyrifos. Current Alzheimer Research, 2011, 8, 732-740.	0.7	44
44	Impulsivity as Long-Term Sequelae After Chlorpyrifos Intoxication: Time Course and Individual Differences. Neurotoxicity Research, 2011, 19, 128-137.	1.3	40
45	Impulsivity Characterization in the Roman High- and Low-Avoidance Rat Strains: Behavioral and Neurochemical Differences. Neuropsychopharmacology, 2010, 35, 1198-1208.	2.8	135
46	Acute high dose of chlorpyrifos alters performance of rats in the elevated plus-maze and the elevated T-maze. NeuroToxicology, 2009, 30, 1025-1029.	1.4	15
47	Long-term monoamine changes in the striatum and nucleus accumbens after acute chlorpyrifos exposure. Toxicology Letters, 2008, 176, 162-167.	0.4	57
48	Time course of biochemical and behavioural effects of a single high dose of chlorpyrifos. NeuroToxicology, 2007, 28, 541-547.	1.4	33
49	Differences in corticosterone level due to inter-food interval length: Implications for schedule-induced polydipsia. Hormones and Behavior, 2006, 49, 166-172.	1.0	25
50	Vulnerability of long-term neurotoxicity of chlorpyrifos: effect on schedule-induced polydipsia and a delay discounting task. Psychopharmacology, 2006, 189, 47-57.	1.5	51
51	Neuropsychological sequelae from acute poisoning and long-term exposure to carbamate and organophosphate pesticides. Neurotoxicology and Teratology, 2006, 28, 694-703.	1.2	80
52	Lateral Parabrachial Lesions Disrupt Paraoxon-Induced Conditioned Flavor Avoidance. Toxicological Sciences, 2006, 91, 210-217.	1.4	9
53	Neuropsychological effects of long-term exposure to organophosphate pesticides. Neurotoxicology and Teratology, 2005, 27, 259-266.	1.2	115
54	Chronic Neuropsychological Sequelae of Cholinesterase Inhibitors in the Absence of Structural Brain Damage: Two Cases of Acute Poisoning. Environmental Health Perspectives, 2005, 113, 762-766.	2.8	23

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55	Long-Term Neurotoxicity of Chlorpyrifos: Spatial Learning Impairment on Repeated Acquisition in a Water Maze. Toxicological Sciences, 2005, 85, 944-951.	1.4	51
56	Neuroanatomical Targets of the Organophosphate Chlorpyrifos by c-fos Immunolabeling. Toxicological Sciences, 2005, 84, 360-367.	1.4	14
57	Long-term functional neurotoxicity of paraoxon and chlorpyrifos: behavioural and pharmacological evidence. Neurotoxicology and Teratology, 2004, 26, 305-317.	1.2	85
58	Pretraining or previous non-spatial experience improves spatial learning in the Morris water maze of nucleus basalis lesioned rats. Behavioural Brain Research, 2004, 148, 55-71.	1.2	9
59	Chlorpyrifos Shares Stimulus Properties with Pentylenetetrazol as Evaluated by an Operant Drug Discrimination Task. NeuroToxicology, 2002, 23, 795-803.	1.4	17
60	Cholinergic receptor blockade in prefrontal cortex and lesions of the nucleus basalis: implications for allocentric and egocentric spatial memory in rats. Behavioural Brain Research, 2002, 134, 93-112.	1.2	36
61	Effects of chlorpyrifos in the plus-maze model of anxiety. Behavioural Pharmacology, 2001, 12, 285-292.	0.8	53
62	Spatial delayed alternation of rats in a T-maze: effects of neurotoxic lesions of the medial prefrontal cortex and of T-maze rotations. Behavioural Brain Research, 1997, 84, 73-79.	1.2	75
63	A behavioural analysis of rats with damage to the medial prefrontal cortex using the morris water maze: evidence for behavioural flexibility, but not for impaired spatial navigation. Brain Research, 1994, 652, 323-333.	1.1	261
64	Early postnatal estrogen organizes sex differences in the extinction of a CRF running response. Brain Research Bulletin, 1993, 30, 649-653.	1.4	6
65	Effects of early postnatal sex steroids on acquisition and extinction of a continuously reinforced lever-pressing response. Brain Research Bulletin, 1992, 28, 937-941.	1.4	3
66	Effects of early postnatal gonadal steroids on extinction of a continuously food-rewarded running response. Physiology and Behavior, 1991, 49, 57-61.	1.0	7
67	Effects of diazepam, pentobarbital, scopolamine and the timing of saline injection on learned immobility in rats. Physiology and Behavior, 1991, 50, 895-899.	1.0	35