

Silvia L Cruz

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,805
citations

218677

26
h-index

276875

41
g-index

65
all docs

65
docs citations

65
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	The last decade of solvent research in animal models of abuse: Mechanistic and behavioral studies. <i>Neurotoxicology and Teratology</i> , 2006, 28, 636-647.	2.4	162
2	Melatonin: A hormone that modulates pain. <i>Life Sciences</i> , 2009, 84, 489-498.	4.3	129
3	Effects of volatile solvents on recombinant N-methyl-D-aspartate receptors expressed in <i>Xenopus</i> oocytes. <i>British Journal of Pharmacology</i> , 2000, 131, 1303-1308.	5.4	94
4	Review of Toluene Actions: Clinical Evidence, Animal Studies, and Molecular Targets. <i>Journal of Drug and Alcohol Research</i> , 2014, 3, 1-8.	0.9	69
5	Classification of abused inhalants. <i>Addiction</i> , 2009, 104, 878-882.	3.3	67
6	Evidence for the involvement of a spinal pattern generator in the control of the genital motor pattern of ejaculation. <i>Brain Research</i> , 2003, 975, 222-228.	2.2	65
7	Inhibition of cardiac sodium currents by toluene exposure. <i>British Journal of Pharmacology</i> , 2003, 140, 653-660.	5.4	61
8	Smooth Muscle Relaxing Compounds from <i>Dodonaea viscosa</i> . <i>Planta Medica</i> , 1996, 62, 154-159.	1.3	58
9	Anxiolytic-like actions of toluene in the burying behavior and plus-maze tests: differences in sensitivity between 5-HT1B knockout and wild-type mice. <i>Behavioural Brain Research</i> , 2000, 115, 85-94.	2.2	54
10	Toluene impairs learning and memory, has antinociceptive effects, and modifies histone acetylation in the dentate gyrus of adolescent and adult rats. <i>Pharmacology Biochemistry and Behavior</i> , 2012, 102, 48-57.	2.9	48
11	Morphine Prevents Lipopolysaccharide-Induced TNF Secretion in Mast Cells Blocking β Kinase Activation and SNAP-23 Phosphorylation: Correlation with the Formation of a β -Arrestin/TRAF6 Complex. <i>Journal of Immunology</i> , 2013, 191, 3400-3409.	0.8	47
12	Gastrointestinal effects of 5-hydroxytryptamine and related drugs. <i>Life Sciences</i> , 1993, 53, 1651-1661.	4.3	45
13	Morphine decreases early peritoneal innate immunity responses in Swiss Webster and C57BL/6J mice through the inhibition of mast cell TNF release. <i>Journal of Neuroimmunology</i> , 2011, 232, 101-107.	2.3	45
14	Role of opioid receptors in the reduction of formalin-induced secondary allodynia and hyperalgesia in rats. <i>European Journal of Pharmacology</i> , 2009, 619, 25-32.	3.5	42
15	Effects of inhaled toluene and 1,1,1-trichloroethane on seizures and death produced by N-methyl-D-aspartic acid in mice. <i>Behavioural Brain Research</i> , 2003, 140, 195-202.	2.2	41
16	Comparative study of the effects of toluene, benzene, 1,1,1-trichloroethane, diethyl ether, and flurothyl on anxiety and nociception in mice. <i>Toxicology and Applied Pharmacology</i> , 2003, 193, 9-16.	2.8	39
17	Endogenous opioids are involved in morphine and dipyron analgesic potentiation in the tail flick test in rats. <i>European Journal of Pharmacology</i> , 2006, 546, 54-59.	3.5	38
18	Formalin-induced long-term secondary allodynia and hyperalgesia are maintained by descending facilitation. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 98, 417-424.	2.9	38

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19	Morphine and Fentanyl Repeated Administration Induces Different Levels of NLRP3-Dependent Pyroptosis in the Dorsal Raphe Nucleus of Male Rats via Cell-Specific Activation of TLR4 and Opioid Receptors. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 677-694.	3.3	37
20	Spasmolytic potential of some plants used in Mexican traditional medicine for the treatment of gastrointestinal disorders. <i>Phytomedicine</i> , 1995, 2, 51-55.	5.3	32
21	Subcutaneous, intrathecal and periaqueductal grey administration of asimadoline and ICI-204448 reduces tactile allodynia in the rat. <i>European Journal of Pharmacology</i> , 2007, 573, 75-83.	3.5	32
22	Fentanyl is used in Mexico's northern border: current challenges for drug health policies. <i>Addiction</i> , 2020, 115, 778-781.	3.3	32
23	Further evidence that naloxone acts as an inverse opiate agonist: Implications for drug dependence and withdrawal. <i>Life Sciences</i> , 1996, 58, PL381-PL389.	4.3	31
24	Volatile Substance Misuse in Mexico: Correlates and Trends. <i>Substance Use and Misuse</i> , 2011, 46, 40-45.	1.4	31
25	Anandamide inhibits Fc γ RI-dependent degranulation and cytokine synthesis in mast cells through CB2 and GPR55 receptor activation. Possible involvement of CB2-GPR55 heteromers. <i>International Immunopharmacology</i> , 2018, 64, 298-307.	3.8	30
26	The Latest Evidence in the Neuroscience of Solvent Misuse: An Article Written for Service Providers. <i>Substance Use and Misuse</i> , 2011, 46, 62-67.	1.4	28
27	Dissociation of immunosuppressive and nociceptive effects of fentanyl, but not morphine, after repeated administration in mice: Fentanyl-induced sensitization to LPS. <i>Brain, Behavior, and Immunity</i> , 2014, 42, 60-64.	4.1	28
28	Morphine and dipyrone co-administration delays tolerance development and potentiates antinociception. <i>European Journal of Pharmacology</i> , 2003, 469, 71-79.	3.5	26
29	Toluene has antidepressant-like actions in two animal models used for the screening of antidepressant drugs. <i>Psychopharmacology</i> , 2009, 204, 279-286.	3.1	25
30	The last two decades on preclinical and clinical research on inhalant effects. <i>Neurotoxicology and Teratology</i> , 2021, 87, 106999.	2.4	23
31	Minocycline prevents neuronal hyperexcitability and neuroinflammation in medial prefrontal cortex, as well as memory impairment caused by repeated toluene inhalation in adolescent rats. <i>Toxicology and Applied Pharmacology</i> , 2020, 395, 114980.	2.8	20
32	Misusing Volatile Substances for Their Hallucinatory Effects: A Qualitative Pilot Study With Mexican Teenagers and a Pharmacological Discussion of Their Hallucinations. <i>Substance Use and Misuse</i> , 2011, 46, 84-94.	1.4	19
33	Preclinical characterization of toluene as a non-classical hallucinogen drug in rats: participation of 5-HT, dopamine and glutamate systems. <i>Psychopharmacology</i> , 2015, 232, 3797-3808.	3.1	19
34	Repeated toluene exposure modifies the acetylation pattern of histones H3 and H4 in the rat brain. <i>Neuroscience Letters</i> , 2011, 489, 142-147.	2.1	18
35	Dipyrone potentiates morphine-induced antinociception in dipyrone-treated and morphine-tolerant rats. <i>European Journal of Pharmacology</i> , 2004, 502, 67-73.	3.5	17
36	A mutation in the local anaesthetic binding site abolishes toluene effects in sodium channels. <i>European Journal of Pharmacology</i> , 2005, 528, 17-26.	3.5	16

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37	Structure-activity study of acute neurobehavioral effects of cyclohexane, benzene, m-xylene, and toluene in rats. <i>Toxicology and Applied Pharmacology</i> , 2019, 376, 38-45.	2.8	16
38	Gender differences in the cardiovascular responses to morphine and naloxone in spinal rats. <i>European Journal of Pharmacology</i> , 2000, 397, 121-128.	3.5	15
39	A methodological basis for improving the reliability of measurements of opiate abstinence responses in the Guinea-Pig ileum made dependent in vitro. <i>Journal of Pharmacological Methods</i> , 1991, 25, 329-342.	0.7	14
40	Toluene increases acute thermnociception in mice. <i>Behavioural Brain Research</i> , 2001, 120, 213-220.	2.2	14
41	Blockade of the anxiolytic-like action of ipsapirone and buspirone, but not that of 8-OH-DPAT, by adrenalectomy in male rats. <i>Psychoneuroendocrinology</i> , 1999, 24, 409-422.	2.7	13
42	Exposure to toluene and stress during pregnancy impairs pups' growth and dams' lactation. <i>Neurotoxicology and Teratology</i> , 2013, 40, 9-16.	2.4	13
43	Toluene and TCE Decrease Binding to Mu Opioid Receptors, but Not to Benzodiazepine and NMDA Receptors in Mouse Brain. <i>Annals of the New York Academy of Sciences</i> , 2008, 1139, 390-401.	3.8	11
44	Role of nociceptin/orphanin FQ and the pseudopeptide [Phe ¹ -(CH ₂ NH)Gly ²]-nociceptin(1-13)-NH ₂ and their interaction with classic opioids in the modulation of thermnociception in the land snail <i>Helix aspersa</i> . <i>European Journal of Pharmacology</i> , 2008, 581, 77-85.	3.5	11
45	Synergistic antinociceptive actions and tolerance development produced by morphine and fentanyl coadministration: Correlation with μ -opioid receptor internalization. <i>European Journal of Pharmacology</i> , 2012, 674, 239-247.	3.5	10
46	Repeated toluene exposure increases the excitability of layer 5 pyramidal neurons in the prefrontal cortex of adolescent rats. <i>Neurotoxicology and Teratology</i> , 2018, 68, 27-35.	2.4	10
47	d-propoxyphene and dipyrone co-administration produces greater antinociception and fewer adverse effects than single treatments in rats. <i>European Journal of Pharmacology</i> , 2009, 607, 84-90.	3.5	9
48	Repeated toluene exposure alters the synaptic transmission of layer 5 medial prefrontal cortex. <i>Neurotoxicology and Teratology</i> , 2019, 73, 9-14.	2.4	9
49	Role of main neuroendocrine pathways activated by swim stress on mast cell-dependent peritoneal TNF production after LPS administration in mice. <i>Inflammation Research</i> , 2014, 63, 757-767.	4.0	7
50	Inhalants. , 2014, , 553-574.		6
51	Structure-activity relationship for the anticonvulsant effects of organic solvents. <i>NeuroToxicology</i> , 2016, 57, 121-127.	3.0	6
52	Opioids and Opiates: Pharmacology, Abuse, and Addiction. , 2016, , 3625-3657.		6
53	Sexual behaviour is impaired by the abused inhalant toluene in adolescent male rats. <i>European Journal of Neuroscience</i> , 2019, 50, 2113-2123.	2.6	5
54	Chronic toluene exposure induces cell proliferation in the mice SVZ but not migration through the RMS. <i>Neuroscience Letters</i> , 2014, 575, 101-106.	2.1	4

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55	Inhalant misuse management. The experience in Mexico and a literature review. <i>Journal of Substance Use</i> , 2018, 23, 485-491.	0.7	4
56	Introduction and Summary to the Special Issue "Advances in the Neurobiological Basis of Inhalant Abuse". <i>Journal of Drug and Alcohol Research</i> , 2014, 3, 1-3.	0.9	4
57	Sodium chloride injection to treat opioid overdose; Does it work? A preclinical study. <i>NeuroToxicology</i> , 2021, 87, 24-29.	3.0	3
58	<i>Inhalant Addiction.</i> , 2015, , 597-619.		3
59	<i>Neuropharmacology of Inhalants.</i> , 2013, , 637-645.		2
60	Co-administration of morphine and levamisole increases death risk, produces neutropenia and modifies antinociception in mice. <i>Addiction Biology</i> , 2022, 27, e13166.	2.6	2
61	Cardiovascular effects of different schedules of nicotine administration on spinal rats: influence of pentobarbital. <i>European Journal of Pharmacology</i> , 1994, 258, 39-45.	3.5	1
62	<i>Inhalant Addiction.</i> , 2021, , 281-306.		1
63	Volatile Substance Misuse: A Look Into the Future. <i>Canadian Journal of Public Health</i> , 2012, 103, e473-e473.	2.3	0
64	<i>Opioids and Opiates: Pharmacology, Abuse, and Addiction.</i> , 2015, , 1-33.		0