Silvia L Cruz

List of Publications by Year
in descending order

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64 papers	1,805 citations	249298 26 h-index	312153 41 g-index
65 all docs	65 docs citations	65 times ranked	1759 citing authors

#	Article	IF	Citations
1	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. Cellular and Molecular Neurobiology, 2022, 42, 677-694.	1.7	37
2	Coâ€administration of morphine and levamisole increases death risk, produces neutropenia and modifies antinociception in mice. Addiction Biology, 2022, 27, e13166.	1.4	2
3	The last two decades on preclinical and clinical research on inhalant effects. Neurotoxicology and Teratology, 2021, 87, 106999.	1.2	23
4	Sodium chloride injection to treat opioid overdose; Does it work? A preclinical study. NeuroToxicology, 2021, 87, 24-29.	1.4	3
5	Inhalant Addiction. , 2021, , 281-306.		1
6	Fentanyl is used in Mexico's northern border: current challenges for drug health policies. Addiction, 2020, 115, 778-781.	1.7	32
7	Minocycline prevents neuronal hyperexcitability and neuroinflammation in medial prefrontal cortex, as well as memory impairment caused by repeated toluene inhalation in adolescent rats. Toxicology and Applied Pharmacology, 2020, 395, 114980.	1.3	20
8	Sexual behaviour is impaired by the abused inhalant toluene in adolescent male rats. European Journal of Neuroscience, 2019, 50, 2113-2123.	1.2	5
9	Structure-activity study of acute neurobehavioral effects of cyclohexane, benzene, m-xylene, and toluene in rats. Toxicology and Applied Pharmacology, 2019, 376, 38-45.	1.3	16
10	Repeated toluene exposure alters the synaptic transmission of layer 5 medial prefrontal cortex. Neurotoxicology and Teratology, 2019, 73, 9-14.	1.2	9
11	Repeated toluene exposure increases the excitability of layer 5 pyramidal neurons in the prefrontal cortex of adolescent rats. Neurotoxicology and Teratology, 2018, 68, 27-35.	1.2	10
12	Inhalant misuse management. The experience in Mexico and a literature review. Journal of Substance Use, 2018, 23, 485-491.	0.3	4
13	Anandamide inhibits FcÎµRI-dependent degranulation and cytokine synthesis in mast cells through CB2 and GPR55 receptor activation. Possible involvement of CB2-GPR55 heteromers. International Immunopharmacology, 2018, 64, 298-307.	1.7	30
14	Structure-activity relationship for the anticonvulsant effects of organic solvents. NeuroToxicology, 2016, 57, 121-127.	1.4	6
15	Opioids and Opiates: Pharmacology, Abuse, and Addiction. , 2016, , 3625-3657.		6
16	Preclinical characterization of toluene as a non-classical hallucinogen drug in rats: participation of 5-HT, dopamine and glutamate systems. Psychopharmacology, 2015, 232, 3797-3808.	1.5	19
17	Inhalant Addiction. , 2015, , 597-619.		3
18	Opioids and Opiates: Pharmacology, Abuse, and Addiction. , 2015, , 1-33.		0

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19	Review of Toluene Actions: Clinical Evidence, Animal Studies, and Molecular Targets. Journal of Drug and Alcohol Research, 2014, 3, 1-8.	0.9	69
20	Inhalants. , 2014, , 553-574.		6
21	Dissociation of immunosuppressive and nociceptive effects of fentanyl, but not morphine, after repeated administration in mice: Fentanyl-induced sensitization to LPS. Brain, Behavior, and Immunity, 2014, 42, 60-64.	2.0	28
22	Role of main neuroendocrine pathways activated by swim stress on mast cell-dependent peritoneal TNF production after LPS administration in mice. Inflammation Research, 2014, 63, 757-767.	1.6	7
23	Chronic toluene exposure induces cell proliferation in the mice SVZ but not migration through the RMS. Neuroscience Letters, 2014, 575, 101-106.	1.0	4
24	Introduction and Summary to the Special Issue â€œAdvances in the Neurobiological Basis of Inhalant Abuseâ€• Journal of Drug and Alcohol Research, 2014, 3, 1-3.	0.9	4
25	Exposure to toluene and stress during pregnancy impairs pups' growth and dams' lactation. Neurotoxicology and Teratology, 2013, 40, 9-16.	1.2	13
26	Morphine Prevents Lipopolysaccharide-Induced TNF Secretion in Mast Cells Blocking IºB Kinase Activation and SNAP-23 Phosphorylation: Correlation with the Formation of a Î²-Arrestin/TRAF6 Complex. Journal of Immunology, 2013, 191, 3400-3409.	0.4	47
27	Neuropharmacology of Inhalants. , 2013, , 637-645.		2
28	Volatile Substance Misuse: A Look Into the Future. Canadian Journal of Public Health, 2012, 103, e473-e473.	1.1	0
29	Synergistic antinociceptive actions and tolerance development produced by morphineâ€“fentanyl coadministration: Correlation with Î¼-opioid receptor internalization. European Journal of Pharmacology, 2012, 674, 239-247.	1.7	10
30	Toluene impairs learning and memory, has antinociceptive effects, and modifies histone acetylation in the dentate gyrus of adolescent and adult rats. Pharmacology Biochemistry and Behavior, 2012, 102, 48-57.	1.3	48
31	Repeated toluene exposure modifies the acetylation pattern of histones H3 and H4 in the rat brain. Neuroscience Letters, 2011, 489, 142-147.	1.0	18
32	Morphine decreases early peritoneal innate immunity responses in Swissâ€“Webster and C57BL6/J mice through the inhibition of mast cell TNF-Î± release. Journal of Neuroimmunology, 2011, 232, 101-107.	1.1	45
33	Formalin-induced long-term secondary allodynia and hyperalgesia are maintained by descending facilitation. Pharmacology Biochemistry and Behavior, 2011, 98, 417-424.	1.3	38
34	The Latest Evidence in the Neuroscience of Solvent Misuse: An Article Written for Service Providers. Substance Use and Misuse, 2011, 46, 62-67.	0.7	28
35	Misusing Volatile Substances for Their Hallucinatory Effects: A Qualitative Pilot Study With Mexican Teenagers and a Pharmacological Discussion of Their Hallucinations. Substance Use and Misuse, 2011, 46, 84-94.	0.7	19
36	Volatile Substance Misuse in Mexico: Correlates and Trends. Substance Use and Misuse, 2011, 46, 40-45.	0.7	31

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37	d-propoxyphene and dipyrone co-administration produces greater antinociception and fewer adverse effects than single treatments in rats. European Journal of Pharmacology, 2009, 607, 84-90.	1.7	9
38	Role of opioid receptors in the reduction of formalin-induced secondary allodynia and hyperalgesia in rats. European Journal of Pharmacology, 2009, 619, 25-32.	1.7	42
39	Toluene has antidepressant-like actions in two animal models used for the screening of antidepressant drugs. Psychopharmacology, 2009, 204, 279-286.	1.5	25
40	Classification of abused inhalants. Addiction, 2009, 104, 878-882.	1.7	67
41	Melatonin: A hormone that modulates pain. Life Sciences, 2009, 84, 489-498.	2.0	129
42	Toluene and TCE Decrease Binding to Muâ€Opioid Receptors, but Not to Benzodiazepine and NMDA Receptors in Mouse Brain. Annals of the New York Academy of Sciences, 2008, 1139, 390-401.	1.8	11
43	Role of nociceptin/orphanin FQ and the pseudopeptide [Phe1Î¨(CH2NH)Gly2]-nociceptin(1â€“13)-NH2 and their interaction with classic opioids in the modulation of thermonociception in the land snail Helix aspersa. European Journal of Pharmacology, 2008, 581, 77-85.	1.7	11
44	Subcutaneous, intrathecal and periaqueductal grey administration of asimadoline and ICI-204448 reduces tactile allodynia in the rat. European Journal of Pharmacology, 2007, 573, 75-83.	1.7	32
45	Endogenous opioids are involved in morphine and dipyrone analgesic potentiation in the tail flick test in rats. European Journal of Pharmacology, 2006, 546, 54-59.	1.7	38
46	The last decade of solvent research in animal models of abuse: Mechanistic and behavioral studies. Neurotoxicology and Teratology, 2006, 28, 636-647.	1.2	162
47	A mutation in the local anaesthetic binding site abolishes toluene effects in sodium channels. European Journal of Pharmacology, 2005, 528, 17-26.	1.7	16
48	Dipyrone potentiates morphine-induced antinociception in dipyrone-treated and morphine-tolerant rats. European Journal of Pharmacology, 2004, 502, 67-73.	1.7	17
49	Evidence for the involvement of a spinal pattern generator in the control of the genital motor pattern of ejaculation. Brain Research, 2003, 975, 222-228.	1.1	65
50	Morphine and dipyrone co-administration delays tolerance development and potentiates antinociception. European Journal of Pharmacology, 2003, 469, 71-79.	1.7	26
51	Comparative study of the effects of toluene, benzene, 1,1,1-trichloroethane, diethyl ether, and flurothyl on anxiety and nociception in mice. Toxicology and Applied Pharmacology, 2003, 193, 9-16.	1.3	39
52	Inhibition of cardiac sodium currents by toluene exposure. British Journal of Pharmacology, 2003, 140, 653-660.	2.7	61
53	Effects of inhaled toluene and 1,1,1-trichloroethane on seizures and death produced by N-methyl-d-aspartic acid in mice. Behavioural Brain Research, 2003, 140, 195-202.	1.2	41
54	Toluene increases acute thermonociception in mice. Behavioural Brain Research, 2001, 120, 213-220.	1.2	14

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55	Effects of volatile solvents on recombinant N -methyl-D -aspartate receptors expressed in Xenopus oocytes. British Journal of Pharmacology, 2000, 131, 1303-1308.	2.7	94
56	Gender differences in the cardiovascular responses to morphine and naloxone in spinal rats. European Journal of Pharmacology, 2000, 397, 121-128.	1.7	15
57	Anxiolytic-like actions of toluene in the burying behavior and plus-maze tests: differences in sensitivity between 5-HT1B knockout and wild-type mice. Behavioural Brain Research, 2000, 115, 85-94.	1.2	54
58	Blockade of the anxiolytic-like action of ipsapirone and buspirone, but not that of 8-OH-DPAT, by adrenalectomy in male rats. Psychoneuroendocrinology, 1999, 24, 409-422.	1.3	13
59	Further evidence that naloxone acts as an inverse opiate agonist: Implications for drug dependence and withdrawaL. Life Sciences, 1996, 58, PL381-PL389.	2.0	31
60	Smooth Muscle Relaxing Compounds fromDodonaea viscosa5. Planta Medica, 1996, 62, 154-159.	0.7	58
61	Spasmolytic potential of some plants used in Mexican traditional medicine for the treatment of gastrointestinal disorders. Phytomedicine, 1995, 2, 51-55.	2.3	32
62	Cardiovascular effects of different schedules of nicotine administration on spinal rats: influence of pentobarbital. European Journal of Pharmacology, 1994, 258, 39-45.	1.7	1
63	Gastrointestinal effects of 5-hydroxytryptamine and related drugs. Life Sciences, 1993, 53, 1651-1661.	2.0	45
64	A methodological basis for improving the reliability of measurements of opiate abstinence responses in the Guinea-Pig ileum made dependent in vitro. Journal of Pharmacological Methods, 1991, 25, 329-342.	0.7	14