Carolina Lopez-Rubalcava

List of Publications by Year
in descending order

67 papers	2,396 citations	230014 27 h-index	242451 47 g-index
67 all docs	67 docs citations	67 times ranked	2331 citing authors

#	Article	IF	Citations
1	Pomegranate and Its Components, Punicalagin and Ellagic Acid, Promote Antidepressant, Antioxidant, and Free Radical-Scavenging Activity in Ovariectomized Rats. Frontiers in Behavioral Neuroscience, 2022, 16, .	1.0	7
2	Can animal models resemble a premenstrual dysphoric condition?. Frontiers in Neuroendocrinology, 2022, 66, 101007.	2.5	5
3	Anxiety-like Behavior and GABAAR/BDZ Binding Site Response to Progesterone Withdrawal in a Stress-Vulnerable Strain, the Wistar Kyoto Rats. International Journal of Molecular Sciences, 2022, 23, 7259.	1.8	4
4	Estrogen receptors-Î² and serotonin mediate the antidepressant-like effect of an aqueous extract of pomegranate in ovariectomized rats. Neurochemistry International, 2021, 142, 104904.	1.9	16
5	Chronic Social Defeat During Adolescence Induces Short- and Long-Term Behavioral and Neuroendocrine Effects in Male Swiss-Webster Mice. Frontiers in Behavioral Neuroscience, 2021, 15, 734054.	1.0	4
6	Aqueous extract of pomegranate enriched in ellagitannins prevents anxiety-like behavior and metabolic changes induced by cafeteria diet in an animal model of menopause. Neurochemistry International, 2020, 141, 104876.	1.9	6
7	Progressive Alterations in Synaptic Transmission and Plasticity of Area CA1 Precede the Cognitive Impairment Associated with Neonatal Administration of MK-801. Neuroscience, 2019, 404, 205-217.	1.1	9
8	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
9	Anxiolytic- and anxiogenic-like effects of Montanoa tomentosa (Asteraceae): Dependence on the endocrine condition. Journal of Ethnopharmacology, 2019, 241, 112006.	2.0	14
10	The Systemic Administration of the Histamine H1 Receptor Antagonist/Inverse Agonist Chlorpheniramine to Pregnant Rats Impairs the Development of Nigro-Striatal Dopaminergic Neurons. Frontiers in Neuroscience, 2019, 13, 360.	1.4	8
11	Stimulation of nAchRÎ±7 Receptor Inhibits TNF Synthesis and Secretion in Response to LPS Treatment of Mast Cells by Targeting ERK1/2 and TACE Activation. Journal of NeuroImmune Pharmacology, 2018, 13, 39-52.	2.1	16
12	Maternal separation induces long-term effects on monoamines and brain-derived neurotrophic factor levels on the frontal cortex, amygdala, and hippocampus: differential effects after a stress challenge. Behavioural Pharmacology, 2017, 28, 545-557.	0.8	31
13	Aqueous Extract of Pomegranate Alone or in Combination with Citalopram Produces Antidepressant-Like Effects in an Animal Model of Menopause: Participation of Estrogen Receptors. International Journal of Molecular Sciences, 2017, 18, 2643.	1.8	13
14	Wistar-Kyoto Female Rats Are More Susceptible to Develop Sugar Binging: A Comparison with Wistar Rats. Frontiers in Nutrition, 2017, 4, 15.	1.6	8
15	Use of Phytoestrogens for the Treatment of Psychiatric Symptoms Associated with Menopause Transition. , 2017, , .		5
16	Mexican medicinal plants with anxiolytic or antidepressant activity: Focus on preclinical research. Journal of Ethnopharmacology, 2016, 186, 377-391.	2.0	42
17	Environmental enrichment prevents anxiety-like behavior induced by progesterone withdrawal in two strains of rats. Neuroscience, 2016, 336, 123-132.	1.1	14
18	GABAA/benzodiazepine receptor complex mediates the anxiolytic-like effect of Montanoa tomentosa. Journal of Ethnopharmacology, 2015, 162, 278-286.	2.0	22

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19	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
20	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
21	Central nervous system effects and chemical composition of two subspecies of Agastache mexicana; an ethnomedicine of Mexico. Journal of Ethnopharmacology, 2014, 153, 98-110.	2.0	44
22	Long-Term Behavioral Consequences of Prenatal Binge Toluene Exposure in Adolescent Rats. Journal of Drug and Alcohol Research, 2014, 3, 1-9.	0.9	4
23	Exposure to toluene and stress during pregnancy impairs pups' growth and dams' lactation. Neurotoxicology and Teratology, 2013, 40, 9-16.	1.2	13
24	The antidepressant-like effect of ethynyl estradiol is mediated by both serotonergic and noradrenergic systems in the forced swimming test. Neuroscience, 2013, 250, 102-111.	1.1	16
25	Participation of GABAA, GABAB receptors and neurosteroids in toluene-induced hypothermia: Evidence of concentration-dependent differences in the mechanism of action. European Journal of Pharmacology, 2013, 698, 178-185.	1.7	14
26	Blockade of corticosteroid receptors induces anxiolytic-like effects in streptozotocin-induced diabetic mice, and synergizes with diazepam. Behavioural Pharmacology, 2013, 24, 320-327.	0.8	12
27	InteracciÃ³n estrÃ³genos-noradrenalina en la depresiÃ³n. Salud Mental, 2013, 36, 331.	0.3	1
28	Neuropharmacological study of Dracocephalum moldavica L. (Lamiaceae) in mice: Sedative effect and chemical analysis of an aqueous extract. Journal of Ethnopharmacology, 2012, 141, 908-917.	2.0	65
29	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
30	Antidepressant-like effects of mineralocorticoid but not glucocorticoid antagonists in the lateral septum: Interactions with the serotonergic system. Behavioural Brain Research, 2011, 223, 88-98.	1.2	18
31	Evaluation of the anxiolytic-like effects of clomipramine in two rat strains with different anxiety vulnerability (Wistar and Wistar-Kyoto rats). Behavioural Pharmacology, 2011, 22, 136-146.	0.8	12
32	Long-term ovariectomy modulates the antidepressant-like action of estrogens, but not of antidepressants. Journal of Psychopharmacology, 2011, 25, 1365-1377.	2.0	54
33	Antidepressant effects of estrogens: a basic approximation. Behavioural Pharmacology, 2010, 21, 451-464.	0.8	47
34	Anxiolytic-like and sedative actions ofRollinia mucosa: Possible involvement of the GABA/benzodiazepine receptor complex. Pharmaceutical Biology, 2010, 48, 70-75.	1.3	21
35	Toluene has antidepressant-like actions in two animal models used for the screening of antidepressant drugs. Psychopharmacology, 2009, 204, 279-286.	1.5	25
36	Analysis of the anxiolytic-like effect of TRH and the response of amygdalar TRHergic neurons in anxiety. Psychoneuroendocrinology, 2008, 33, 198-213.	1.3	47

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37	Anxiolytic-like actions of the hexane extract from leaves of Annona cherimolia in two anxiety paradigms: Possible involvement of the GABA/benzodiazepine receptor complex. Life Sciences, 2006, 78, 730-737.	2.0	56
38	Facilitating antidepressant-like actions of estrogens are mediated by 5-HT1A and estrogen receptors in the rat forced swimming test. Psychoneuroendocrinology, 2006, 31, 905-914.	1.3	44
39	Participation of the 5-HT1A Receptor in the Antidepressant-Like Effect of Estrogens in the Forced Swimming Test. Neuropsychopharmacology, 2006, 31, 247-255.	2.8	51
40	Ejaculation induces long-lasting behavioural changes in male rats in the forced swimming test: evidence for an increased sensitivity to the antidepressant desipramine. Brain Research Bulletin, 2005, 65, 323-329.	1.4	15
41	Interaction between estrogens and antidepressants in the forced swimming test in rats. Psychopharmacology, 2004, 173, 139-145.	1.5	84
42	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
43	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
44	Antidepressant-Like Effect of Different Estrogenic Compounds in the Forced Swimming Test. Neuropsychopharmacology, 2003, 28, 830-838.	2.8	179
45	Participation of the lateral septal nuclei (LSN) in the antidepressant-like actions of progesterone in the forced swimming test (FST). Behavioural Brain Research, 2002, 134, 175-183.	1.2	40
46	Lignans from Leaves of Rollinia mucosa. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 29-32.	0.6	17
47	Amplified behavioral and endocrine responses to forced swim stress in the Wistarâ€“Kyoto rat. Psychoneuroendocrinology, 2002, 27, 303-318.	1.3	183
48	Influence of forced swimming-induced stress on the anxiolytic-like effect of 5HT1A agents in mice. Psychopharmacology, 2002, 162, 147-155.	1.5	20
49	Indorenate produces antidepressant-like actions in the rat forced swimming test via 5-HT 1A receptors. Psychopharmacology, 2002, 165, 60-66.	1.5	21
50	Participation of 5-HT1B receptors in the inhibitory actions of serotonin on masculine sexual behaviour of mice: pharmacological analysis in 5-HT1B receptor knockout mice. British Journal of Pharmacology, 2002, 136, 1127-1134.	2.7	28
51	Toluene increases acute thermonociception in mice. Behavioural Brain Research, 2001, 120, 213-220.	1.2	14
52	Interaction of desipramine with steroid hormones on experimental anxiety. Psychoneuroendocrinology, 2000, 25, 109-120.	1.3	42
53	Strain Differences in the Behavioral Effects of Antidepressant Drugs in the Rat Forced Swimming Test. Neuropsychopharmacology, 2000, 22, 191-199.	2.8	310
54	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

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55	Chronic Treatment With Desipramine Induces an Estrous Cycle-Dependent Anxiolytic-Like Action in the Burying Behavior, But Not in the Elevated Plus-Maze Test. Pharmacology Biochemistry and Behavior, 1999, 63, 13-20.	1.3	46
56	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
57	Anxiolytic-Like Effect of Ejaculation Under Various Sexual Behavior Conditions in the Male Rat. Physiology and Behavior, 1999, 67, 651-657.	1.0	50
58	Modification of the Anxiolytic Action of 5-HT1A Compounds by GABAâ€“Benzodiazepine Agents in Rats. Pharmacology Biochemistry and Behavior, 1998, 60, 27-32.	1.3	55
59	Pre- or postsynaptic activity of 5-HT1A compounds in mice depends on the anxiety paradigm. Pharmacology Biochemistry and Behavior, 1996, 54, 677-686.	1.3	24
60	Age-dependent differences in the rat's conditioned defensive burying behavior: Effect of 5-HT1A compounds. , 1996, 29, 157-169.		26
61	Action of ipsapirone and 8-OH-DPAT on exploratory behavior in hamsters (Mesocricetus auratus): effects of antagonists and p-CPA. Pharmacology Biochemistry and Behavior, 1995, 50, 375-382.	1.3	7
62	Anxiolytic effect of the 5-HT1A compounds 8-hydroxy-2-(di-n-propylamino) tetralin and ipsapirone in the social interaction paradigm: Evidence of a presynaptic action. Brain Research Bulletin, 1995, 37, 169-175.	1.4	47
63	Noradrenaline-serotonin interactions in the anxiolytic effects of 5-HT1A agonists. Behavioural Pharmacology, 1994, 5, 42-51.	0.8	33
64	Evidence for a postsynaptic action of the serotonergic anxiolytics: Ipsapirone, indorenate and buspirone. Brain Research Bulletin, 1992, 28, 497-501.	1.4	26
65	Interaction of GABA and serotonin in the anxiolytic action of diazepam and serotonergic anxiolytics. Pharmacology Biochemistry and Behavior, 1992, 43, 433-440.	1.3	50
66	Species differences in the mechanism through which the serotonergic agonists indorenate and ipsapirone produce their anxiolytic action. Psychopharmacology, 1992, 107, 61-68.	1.5	26
67	Evidence for the involvement of the 5-HT1A receptor in the anxiolytic action of indorenate and ipsapirone. Psychopharmacology, 1990, 101, 354-358.	1.5	48