

# Carolina Lopez-Rubalcava

## List of Publications by Year in descending order

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67  
papers

2,396  
citations

201674

27  
h-index

214800

47  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain Differences in the Behavioral Effects of Antidepressant Drugs in the Rat Forced Swimming Test. <i>Neuropsychopharmacology</i> , 2000, 22, 191-199.	5.4	310
2	Amplified behavioral and endocrine responses to forced swim stress in the Wistarâ€“Kyoto rat. <i>Psychoneuroendocrinology</i> , 2002, 27, 303-318.	2.7	183
3	Antidepressant-Like Effect of Different Estrogenic Compounds in the Forced Swimming Test. <i>Neuropsychopharmacology</i> , 2003, 28, 830-838.	5.4	179
4	Interaction between estrogens and antidepressants in the forced swimming test in rats. <i>Psychopharmacology</i> , 2004, 173, 139-145.	3.1	84
5	Neuropharmacological study of <i>Dracocephalum moldavica</i> L. (Lamiaceae) in mice: Sedative effect and chemical analysis of an aqueous extract. <i>Journal of Ethnopharmacology</i> , 2012, 141, 908-917.	4.1	65
6	Anxiolytic-like actions of the hexane extract from leaves of <i>Annona cherimolia</i> in two anxiety paradigms: Possible involvement of the GABA/benzodiazepine receptor complex. <i>Life Sciences</i> , 2006, 78, 730-737.	4.3	56
7	Modification of the Anxiolytic Action of 5-HT1A Compounds by GABAâ€“Benzodiazepine Agents in Rats. <i>Pharmacology Biochemistry and Behavior</i> , 1998, 60, 27-32.	2.9	55
8	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
9	Long-term ovariectomy modulates the antidepressant-like action of estrogens, but not of antidepressants. <i>Journal of Psychopharmacology</i> , 2011, 25, 1365-1377.	4.0	54
10	Participation of the 5-HT1A Receptor in the Antidepressant-Like Effect of Estrogens in the Forced Swimming Test. <i>Neuropsychopharmacology</i> , 2006, 31, 247-255.	5.4	51
11	Interaction of GABA and serotonin in the anxiolytic action of diazepam and serotonergic anxiolytics. <i>Pharmacology Biochemistry and Behavior</i> , 1992, 43, 433-440.	2.9	50
12	Anxiolytic-Like Effect of Ejaculation Under Various Sexual Behavior Conditions in the Male Rat. <i>Physiology and Behavior</i> , 1999, 67, 651-657.	2.1	50
13	Evidence for the involvement of the 5-HT1A receptor in the anxiolytic action of indorenate and ipsapirone. <i>Psychopharmacology</i> , 1990, 101, 354-358.	3.1	48
14	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
15	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. <i>Brain Research Bulletin</i> , 1995, 37, 169-175.	3.0	47
16	Analysis of the anxiolytic-like effect of TRH and the response of amygdalar TRHergic neurons in anxiety. <i>Psychoneuroendocrinology</i> , 2008, 33, 198-213.	2.7	47
17	Antidepressant effects of estrogens: a basic approximation. <i>Behavioural Pharmacology</i> , 2010, 21, 451-464.	1.7	47
18	Chronic Treatment With Desipramine Induces an Estrous Cycle-Dependent Anxiolytic-Like Action in the Burying Behavior, But Not in the Elevated Plus-Maze Test. <i>Pharmacology Biochemistry and Behavior</i> , 1999, 63, 13-20.	2.9	46

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19	Facilitating antidepressant-like actions of estrogens are mediated by 5-HT1A and estrogen receptors in the rat forced swimming test. <i>Psychoneuroendocrinology</i> , 2006, 31, 905-914.	2.7	44
20	Central nervous system effects and chemical composition of two subspecies of <i>Agastache mexicana</i> ; an ethnomedicine of Mexico. <i>Journal of Ethnopharmacology</i> , 2014, 153, 98-110.	4.1	44
21	Interaction of desipramine with steroid hormones on experimental anxiety. <i>Psychoneuroendocrinology</i> , 2000, 25, 109-120.	2.7	42
22	Mexican medicinal plants with anxiolytic or antidepressant activity: Focus on preclinical research. <i>Journal of Ethnopharmacology</i> , 2016, 186, 377-391.	4.1	42
23	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
24	Participation of the lateral septal nuclei (LSN) in the antidepressant-like actions of progesterone in the forced swimming test (FST). <i>Behavioural Brain Research</i> , 2002, 134, 175-183.	2.2	40
25	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
26	Noradrenaline-serotonin interactions in the anxiolytic effects of 5-HT1A agonists. <i>Behavioural Pharmacology</i> , 1994, 5, 42-51.	1.7	33
27	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. <i>Behavioural Pharmacology</i> , 2017, 28, 545-557.	1.7	31
28	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. <i>British Journal of Pharmacology</i> , 2002, 136, 1127-1134.	5.4	28
29	Evidence for a postsynaptic action of the serotonergic anxiolytics: Ipsapirone, indorenate and buspirone. <i>Brain Research Bulletin</i> , 1992, 28, 497-501.	3.0	26
30	Species differences in the mechanism through which the serotonergic agonists indorenate and ipsapirone produce their anxiolytic action. <i>Psychopharmacology</i> , 1992, 107, 61-68.	3.1	26
31	Age-dependent differences in the rat's conditioned defensive burying behavior: Effect of 5-HT1A compounds. , 1996, 29, 157-169.		26
32	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
33	Pre- or postsynaptic activity of 5-HT1A compounds in mice depends on the anxiety paradigm. <i>Pharmacology Biochemistry and Behavior</i> , 1996, 54, 677-686.	2.9	24
34	GABAA/benzodiazepine receptor complex mediates the anxiolytic-like effect of <i>Montanoa tomentosa</i> . <i>Journal of Ethnopharmacology</i> , 2015, 162, 278-286.	4.1	22
35	Indorenate produces antidepressant-like actions in the rat forced swimming test via 5-HT 1A receptors. <i>Psychopharmacology</i> , 2002, 165, 60-66.	3.1	21
36	Anxiolytic-like and sedative actions of <i>Rollinia mucosa</i> : Possible involvement of the GABA/benzodiazepine receptor complex. <i>Pharmaceutical Biology</i> , 2010, 48, 70-75.	2.9	21

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37	Influence of forced swimming-induced stress on the anxiolytic-like effect of 5HT1A agents in mice. <i>Psychopharmacology</i> , 2002, 162, 147-155.	3.1	20
38	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
39	Antidepressant-like effects of mineralocorticoid but not glucocorticoid antagonists in the lateral septum: Interactions with the serotonergic system. <i>Behavioural Brain Research</i> , 2011, 223, 88-98.	2.2	18
40	Lignans from Leaves of <i>Rollinia mucosa</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 29-32.	1.4	17
41	The antidepressant-like effect of ethynyl estradiol is mediated by both serotonergic and noradrenergic systems in the forced swimming test. <i>Neuroscience</i> , 2013, 250, 102-111.	2.3	16
42	Stimulation of nAChR $\alpha$ 7 Receptor Inhibits TNF Synthesis and Secretion in Response to LPS Treatment of Mast Cells by Targeting ERK1/2 and TACE Activation. <i>Journal of NeuroImmune Pharmacology</i> , 2018, 13, 39-52.	4.1	16
43	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
44	Estrogen receptors- $\beta$ and serotonin mediate the antidepressant-like effect of an aqueous extract of pomegranate in ovariectomized rats. <i>Neurochemistry International</i> , 2021, 142, 104904.	3.8	16
45	Ejaculation induces long-lasting behavioural changes in male rats in the forced swimming test: evidence for an increased sensitivity to the antidepressant desipramine. <i>Brain Research Bulletin</i> , 2005, 65, 323-329.	3.0	15
46	Toluene increases acute thermnociception in mice. <i>Behavioural Brain Research</i> , 2001, 120, 213-220.	2.2	14
47	Participation of GABAA, GABAB receptors and neurosteroids in toluene-induced hypothermia: Evidence of concentration-dependent differences in the mechanism of action. <i>European Journal of Pharmacology</i> , 2013, 698, 178-185.	3.5	14
48	Environmental enrichment prevents anxiety-like behavior induced by progesterone withdrawal in two strains of rats. <i>Neuroscience</i> , 2016, 336, 123-132.	2.3	14
49	Anxiolytic- and anxiogenic-like effects of <i>Montanoa tomentosa</i> (Asteraceae): Dependence on the endocrine condition. <i>Journal of Ethnopharmacology</i> , 2019, 241, 112006.	4.1	14
50	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
51	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
52	Aqueous Extract of Pomegranate Alone or in Combination with Citalopram Produces Antidepressant-Like Effects in an Animal Model of Menopause: Participation of Estrogen Receptors. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2643.	4.1	13
53	Evaluation of the anxiolytic-like effects of clomipramine in two rat strains with different anxiety vulnerability (Wistar and Wistar-Kyoto rats). <i>Behavioural Pharmacology</i> , 2011, 22, 136-146.	1.7	12
54	Blockade of corticosteroid receptors induces anxiolytic-like effects in streptozotocin-induced diabetic mice, and synergizes with diazepam. <i>Behavioural Pharmacology</i> , 2013, 24, 320-327.	1.7	12

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55	Progressive Alterations in Synaptic Transmission and Plasticity of Area CA1 Precede the Cognitive Impairment Associated with Neonatal Administration of MK-801. <i>Neuroscience</i> , 2019, 404, 205-217.	2.3	9
56	Wistar-Kyoto Female Rats Are More Susceptible to Develop Sugar Binging: A Comparison with Wistar Rats. <i>Frontiers in Nutrition</i> , 2017, 4, 15.	3.7	8
57	The Systemic Administration of the Histamine H1 Receptor Antagonist/Inverse Agonist Chlorpheniramine to Pregnant Rats Impairs the Development of Nigro-Striatal Dopaminergic Neurons. <i>Frontiers in Neuroscience</i> , 2019, 13, 360.	2.8	8
58	Action of ipsapirone and 8-OH-DPAT on exploratory behavior in hamsters ( <i>Mesocricetus auratus</i> ): effects of antagonists and p-CPA. <i>Pharmacology Biochemistry and Behavior</i> , 1995, 50, 375-382.	2.9	7
59	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
60	Pomegranate and Its Components, Punicalagin and Ellagic Acid, Promote Antidepressant, Antioxidant, and Free Radical-Scavenging Activity in Ovariectomized Rats. <i>Frontiers in Behavioral Neuroscience</i> , 2022, 16, .	2.0	7
61	Aqueous extract of pomegranate enriched in ellagitannins prevents anxiety-like behavior and metabolic changes induced by cafeteria diet in an animal model of menopause. <i>Neurochemistry International</i> , 2020, 141, 104876.	3.8	6
62	Use of Phytoestrogens for the Treatment of Psychiatric Symptoms Associated with Menopause Transition. , 2017, , .		5
63	Can animal models resemble a premenstrual dysphoric condition?. <i>Frontiers in Neuroendocrinology</i> , 2022, 66, 101007.	5.2	5
64	Chronic Social Defeat During Adolescence Induces Short- and Long-Term Behavioral and Neuroendocrine Effects in Male Swiss-Webster Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 734054.	2.0	4
65	Long-Term Behavioral Consequences of Prenatal Binge Toluene Exposure in Adolescent Rats. <i>Journal of Drug and Alcohol Research</i> , 2014, 3, 1-9.	0.9	4
66	Anxiety-like Behavior and GABAAR/BDZ Binding Site Response to Progesterone Withdrawal in a Stress-Vulnerable Strain, the Wistar Kyoto Rats. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7259.	4.1	4
67	Interacción estrógenos-noradrenalina en la depresión. <i>Salud Mental</i> , 2013, 36, 331.	0.3	1