Maria-Paz Viveros

List of Publications by Year
in descending order

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119 papers	5,978 citations	57681 46 h-index	93651 72 g-index
120 all docs	120 docs citations	120 times ranked	6017 citing authors

#	Article	IF	Citations
1	Effects of cannabis exposure in the prenatal and adolescent periods: Preclinical and clinical studies in both sexes. Frontiers in Neuroendocrinology, 2020, 57, 100841.	2.5	25
2	Bath salts and polyconsumption: in search of drug-drug interactions. Psychopharmacology, 2019, 236, 1001-1014.	1.5	24
3	Social stress during adolescence activates long-term microglia inflammation insult in reward processing nuclei. PLoS ONE, 2018, 13, e0206421.	1.1	30
4	Sex-dependent influence of chronic mild stress (CMS) on voluntary alcohol consumption; study of neurobiological consequences. Pharmacology Biochemistry and Behavior, 2017, 152, 68-80.	1.3	30
5	Effects of Adolescent Intermittent Alcohol Exposure on the Expression of Endocannabinoid Signaling-Related Proteins in the Spleen of Young Adult Rats. PLoS ONE, 2016, 11, e0163752.	1.1	8
6	Sex-dependent effects of neonatal maternal deprivation on endocannabinoid levels in the adipose tissue: influence of diet. Journal of Physiology and Biochemistry, 2016, 73, 349-357.	1.3	4
7	CB2 cannabinoid receptor is involved in the anti-inflammatory effects of leptin in a model of traumatic brain injury. Experimental Neurology, 2016, 279, 274-282.	2.0	19
8	Profiling Neuroactive Steroid Levels After Traumatic Brain Injury in Male Mice. Endocrinology, 2016, 157, 3983-3993.	1.4	24
9	Blockage of neonatal leptin signaling induces changes in the hypothalamus associated with delayed pubertal onset and modifications in neuropeptide expression during adulthood in male rats. Peptides, 2016, 86, 63-71.	1.2	12
10	Interaction between neonatal maternal deprivation and serum leptin levels on metabolism, pubertal development, and sexual behavior in male and female rats. Biology of Sex Differences, 2016, 7, 2.	1.8	25
11	Neonatal Treatment with a Pegylated Leptin Antagonist Induces Sexually Dimorphic Effects on Neurones and Glial Cells, and on Markers of Synaptic Plasticity in the Developing Rat Hippocampal Formation. Journal of Neuroendocrinology, 2015, 27, 658-669.	1.2	4
12	Early Maternal Deprivation Enhances Voluntary Alcohol Intake Induced by Exposure to Stressful Events Later in Life. Neural Plasticity, 2015, 2015, 1-10.	1.0	24
13	Age-Dependent Effects of Cannabinoids on Neurophysiological, Emotional, and Motivational States. , 2015, , 245-281.		2
14	Decreased glial reactivity could be involved in the antipsychotic-like effect of cannabidiol. Schizophrenia Research, 2015, 164, 155-163.	1.1	106
15	The maternal deprivation animal model revisited. Neuroscience and Biobehavioral Reviews, 2015, 51, 151-163.	2.9	104
16	Short-term fluoxetine treatment induces neuroendocrine and behavioral anxiogenic-like responses in adolescent male rats. Experimental Brain Research, 2015, 233, 983-995.	0.7	12
17	Correlation of brain levels of progesterone and dehydroepiandrosterone with neurological recovery after traumatic brain injury in female mice. Psychoneuroendocrinology, 2015, 56, 1-11.	1.3	41
18	Cannabidiol Attenuates Sensorimotor Gating Disruption and Molecular Changes Induced by Chronic Antagonism of NMDA receptors in Mice. International Journal of Neuropsychopharmacology, 2015, 18, .	1.0	53

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19	2-AG promotes the expression of conditioned fear via cannabinoid receptor type 1 on GABAergic neurons. Psychopharmacology, 2015, 232, 2811-2825.	1.5	91
20	Blockage of the Neonatal Leptin Surge Affects the Gene Expression of Growth Factors, Glial Proteins, and Neuropeptides Involved in the Control of Metabolism and Reproduction in Peripubertal Male and Female Rats. Endocrinology, 2015, 156, 2571-2581.	1.4	19
21	Histone Deacetylase Gene Expression Following Binge Alcohol Consumption in Rats and Humans. Alcoholism: Clinical and Experimental Research, 2015, 39, 1939-1950.	1.4	31
22	CB1 and CB2 Cannabinoid Receptor Antagonists Prevent Minocycline-Induced Neuroprotection Following Traumatic Brain Injury in Mice. Cerebral Cortex, 2015, 25, 35-45.	1.6	64
23	Changes in Cannabinoid Receptors, Aquaporin 4 and Vimentin Expression after Traumatic Brain Injury in Adolescent Male Mice. Association with Edema and Neurological Deficit. PLoS ONE, 2015, 10, e0128782.	1.1	57
24	Long Term Hippocampal and Cortical Changes Induced by Maternal Deprivation and Neonatal Leptin Treatment in Male and Female Rats. PLoS ONE, 2015, 10, e0137283.	1.1	24
25	Sexâ€dependent longâ€term effects of adolescent exposure to <scp>THC</scp> and/or <scp>MDMA</scp> on neuroinflammation and serotoninergic and cannabinoid systems in rats. British Journal of Pharmacology, 2014, 171, 1435-1447.	2.7	44
26	Consequences of early life stress on the expression of endocannabinoid-related genes in the rat brain. Behavioural Pharmacology, 2014, 25, 547-556.	0.8	66
27	Prenatal corticosterone and adolescent URB597 administration modulate emotionality and CB1 receptor expression in mice. Psychopharmacology, 2014, 231, 2131-2144.	1.5	14
28	Early maternal deprivation immunologically primes hippocampal synapses by redistributing interleukin-1 receptor type I in a sex dependent manner. Brain, Behavior, and Immunity, 2014, 35, 135-143.	2.0	37
29	Sex-dependent effects of early maternal deprivation on MDMA-induced conditioned place preference in adolescent rats: Possible neurochemical correlates. Toxicology, 2013, 311, 78-86.	2.0	19
30	Sex-dependent changes in brain CB1R expression and functionality and immune CB2R expression as a consequence of maternal deprivation and adolescent cocaine exposure. Pharmacological Research, 2013, 74, 23-33.	3.1	36
31	Acute up-regulation of the rat brain somatostatin receptor-effector system by leptin is related to activation of insulin signaling and may counteract central leptin actions. Neuroscience, 2013, 252, 289-301.	1.1	8
32	Maternal Deprivation Is Associated With Sex-Dependent Alterations in Nociceptive Behavior and Neuroinflammatory Mediators in the Rat Following Peripheral Nerve Injury. Journal of Pain, 2013, 14, 1173-1184.	0.7	69
33	Maternal deprivation effects on brain plasticity and recognition memory in adolescent male and female rats. Neuropharmacology, 2013, 68, 223-231.	2.0	103
34	A.9 - CHRONIC CANNABIDIOL ATTENUATES THE BEHAVIOURAL AND GLIAL CHANGES INDUCED BY REPEATED TREATMENT WITH THE NMDA RECEPTOR ANTAGONIST MK-801 IN MICE. Behavioural Pharmacology, 2013, 24, e25.	0.8	1
35	Sex-Dependent Psychoneuroendocrine Effects of THC and MDMA in an Animal Model of Adolescent Drug Consumption. PLoS ONE, 2013, 8, e78386.	1.1	30
36	The endocannabinoid system and emotional processing: pathophysiology and therapeutic potential. Journal of Psychopharmacology, 2012, 26, 3-6.	2.0	8

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37	The role of the endocannabinoid system in eating disorders. Behavioural Pharmacology, 2012, 23, 526-536.	0.8	38
38	The endocannabinoid system in critical neurodevelopmental periods: sex differences and neuropsychiatric implications. Journal of Psychopharmacology, 2012, 26, 164-176.	2.0	110
39	Leptin-induced downregulation of the rat hippocampal somatostatinergic system may potentiate its anorexigenic effects. Neurochemistry International, 2012, 61, 1385-1396.	1.9	14
40	Neurobehavioral and metabolic long-term consequences of neonatal maternal deprivation stress and adolescent olanzapine treatment in male and female rats. Neuropharmacology, 2012, 62, 1332-1341.	2.0	50
41	Maternal deprivation and adolescent cannabinoid exposure impact hippocampal astrocytes, CB1 receptors and brain-derived neurotrophic factor in a sexually dimorphic fashion. Neuroscience, 2012, 204, 90-103.	1.1	65
42	Analyzing the effects of a single episode of neonatal maternal deprivation on metabolite profiles in rat brain: a proton nuclear magnetic resonance spectroscopy study. Neuroscience, 2012, 201, 12-19.	1.1	20
43	Maternal Deprivation Exacerbates the Response to a High Fat Diet in a Sexually Dimorphic Manner. PLoS ONE, 2012, 7, e48915.	1.1	40
44	A Comparative, Developmental, and Clinical Perspective of Neurobehavioral Sexual Dimorphisms. Frontiers in Neuroscience, 2012, 6, 84.	1.4	24
45	Biphasic Effects of Cannabinoids in Anxiety Responses: CB1 and GABAB Receptors in the Balance of GABAergic and Glutamatergic Neurotransmission. Neuropsychopharmacology, 2012, 37, 2624-2634.	2.8	265
46	Neonatal Treatment with a Pegylated Leptin Antagonist has a Sexually Dimorphic Effect on Hypothalamic Trophic Factors and Neuropeptide Levels. Journal of Neuroendocrinology, 2012, 24, 756-765.	1.2	18
47	Consumo de cannabis y neurodesarrollo: Â¿por quÃ© son relevantes las diferencias de gÃ©nero?. Trastornos Adictivos, 2011, 13, 102-108.	0.1	0
48	Adolescent exposure to nicotine and/or the cannabinoid agonist CP 55,940 induces gender-dependent long-lasting memory impairments and changes in brain nicotinic and CB₁ cannabinoid receptors. Journal of Psychopharmacology, 2011, 25, 1676-1690.	2.0	97
49	Endocannabinoid system and psychiatry: in search of a neurobiological basis for detrimental and potential therapeutic effects. Frontiers in Behavioral Neuroscience, 2011, 5, 63.	1.0	101
50	Sexâ€dependent effects of maternal deprivation and adolescent cannabinoid treatment on adult rat behaviour. Addiction Biology, 2011, 16, 624-637.	1.4	71
51	Long Term Sex-Dependent Psychoneuroendocrine Effects of Maternal Deprivation and Juvenile Unpredictable Stress in Rats. Journal of Neuroendocrinology, 2011, 23, 329-344.	1.2	84
52	Framework for sex differences in adolescent neurobiology: A focus on cannabinoids. Neuroscience and Biobehavioral Reviews, 2011, 35, 1740-1751.	2.9	48
53	Consequences of Cannabinoid and Monoaminergic System Disruption in a Mouse Model of Autism Spectrum Disorders. Current Neuropharmacology, 2011, 9, 209-214.	1.4	33
54	Effects of Acute Changes in Neonatal Leptin Levels on Food Intake and Long-Term Metabolic Profiles in Rats. Endocrinology, 2011, 152, 4116-4126.	1.4	29

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55	Estradiol Decreases Cortical Reactive Astrogliosis after Brain Injury by a Mechanism Involving Cannabinoid Receptors. Cerebral Cortex, 2011, 21, 2046-2055.	1.6	39
56	The Endocannabinoid System as Pharmacological Target Derived from Its CNS Role in Energy Homeostasis and Reward. Applications in Eating Disorders and Addiction. Pharmaceuticals, 2011, 4, 1101-1136.	1.7	11
57	The endocannabinoid system, eating behavior and energy homeostasis: The end or a new beginning?. Pharmacology Biochemistry and Behavior, 2010, 95, 375-382.	1.3	154
58	Early maternal deprivation induces changes on the expression of 2-AG biosynthesis and degradation enzymes in neonatal rat hippocampus. Brain Research, 2010, 1349, 162-173.	1.1	45
59	Converging action of alcohol consumption and cannabinoid receptor activation on adult hippocampal neurogenesis. International Journal of Neuropsychopharmacology, 2010, 13, 191-205.	1.0	10
60	Sex-dependent maternal deprivation effects on brain monoamine content in adolescent rats. Neuroscience Letters, 2010, 479, 112-117.	1.0	44
61	Maternal deprivation induces a rapid decline in circulating leptin levels and sexually dimorphic modifications in hypothalamic trophic factors and cell turnover. Hormones and Behavior, 2010, 57, 405-414.	1.0	47
62	Maternal deprivation has sexually dimorphic long-term effects on hypothalamic cell-turnover, body weight and circulating hormone levels. Hormones and Behavior, 2010, 58, 808-819.	1.0	48
63	Environmental Enrichment Improves Age-Related Immune System Impairment: Long-Term Exposure Since Adulthood Increases Life Span in Mice. Rejuvenation Research, 2010, 13, 415-428.	0.9	76
64	The Critical Role of the Endocannabinoid System in Emotional Homeostasis: Avoiding Excess and Deficiencies. Mini-Reviews in Medicinal Chemistry, 2009, 9, 1407-1415.	1.1	34
65	Sex-dependent alterations in response to maternal deprivation in rats. Psychoneuroendocrinology, 2009, 34, S217-S226.	1.3	95
66	Long-term consequences of URB597 administration during adolescence on cannabinoid CB1 receptor binding in brain areas. Brain Research, 2009, 1257, 25-31.	1.1	33
67	Early maternal deprivation induces genderâ€dependent changes on the expression of hippocampal CB₁ and CB₂ cannabinoid receptors of neonatal rats. Hippocampus, 2009, 19, 623-632.	0.9	133
68	Role of cannabis and endocannabinoids in the genesis of schizophrenia. Psychopharmacology, 2009, 206, 531-549.	1.5	123
69	Species differences in cannabinoid receptor 2 (CNR2 gene): identification of novel human and rodent CB2 isoforms, differential tissue expression and regulation by cannabinoid receptor ligands. Genes, Brain and Behavior, 2009, 8, 519-530.	1.1	214
70	Early Maternal Deprivation in Rats. Annals of the New York Academy of Sciences, 2009, 1153, 176-183.	1.8	25
71	Detrimental psychophysiological effects of early maternal deprivation in adolescent and adult rodents: Altered responses to cannabinoid exposure. Neuroscience and Biobehavioral Reviews, 2009, 33, 498-507.	2.9	81
72	Early maternal deprivation in rats induces genderâ€dependent effects on developing hippocampal and cerebellar cells. International Journal of Developmental Neuroscience, 2009, 27, 233-241.	0.7	89

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73	Genderâ€dependent cellular and biochemical effects of maternal deprivation on the hippocampus of neonatal rats: A possible role for the endocannabinoid system. Developmental Neurobiology, 2008, 68, 1334-1347.	1.5	80
74	Neuronal and glial alterations in the cerebellar cortex of maternally deprived rats: Gender differences and modulatory effects of two inhibitors of endocannabinoid inactivation. Developmental Neurobiology, 2008, 68, 1429-1440.	1.5	38
75	Effects of adolescent nicotine and SR 147778 (Surinabant) administration on food intake, somatic growth and metabolic parameters in rats. Neuropharmacology, 2008, 54, 194-205.	2.0	22
76	Sex-dependent effects of periadolescent exposure to the cannabinoid agonist CP-55,940 on morphine self-administration behaviour and the endogenous opioid system. Neuropharmacology, 2008, 54, 863-873.	2.0	68
77	Critical Role of the Endocannabinoid System in the Regulation of Food Intake and Energy Metabolism, with Phylogenetic, Developmental, and Pathophysiological Implications. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2008, 8, 220-230.	0.6	54
78	A Model of Premature Aging in Mice Based on Altered Stress-Related Behavioral Response and Immunosenescence. NeuroImmunoModulation, 2007, 14, 157-162.	0.9	81
79	The role of the hippocampus in mediating emotional responses to nicotine and cannabinoids: a possible neural substrate for functional interactions. Behavioural Pharmacology, 2007, 18, 375-389.	0.8	37
80	Endocannabinoid System and Synaptic Plasticity: Implications for Emotional Responses. Neural Plasticity, 2007, 2007, 1-12.	1.0	106
81	Subchronic nicotine exposure in adolescence induces long-term effects on hippocampal and striatal cannabinoid-CB1 and mu-opioid receptors in rats. European Journal of Pharmacology, 2007, 557, 37-43.	1.7	54
82	Enhancement of endocannabinoid signalling during adolescence: Modulation of impulsivity and long-term consequences on metabolic brain parameters in early maternally deprived rats. Pharmacology Biochemistry and Behavior, 2007, 86, 334-345.	1.3	55
83	Early maternal deprivation and neonatal single administration with a cannabinoid agonist induce long-term sex-dependent psychoimmunoendocrine effects in adolescent rats. Psychoneuroendocrinology, 2007, 32, 636-650.	1.3	79
84	Influence of Aging and Enriched Environment on Motor Activity and Emotional Responses in Mice. Annals of the New York Academy of Sciences, 2007, 1100, 543-552.	1.8	27
85	Adolescent exposure to nicotine modifies acute functional responses to cannabinoid agonists in rats. Behavioural Brain Research, 2006, 172, 46-53.	1.2	33
86	Nicotine and cannabinoids: Parallels, contrasts and interactions. Neuroscience and Biobehavioral Reviews, 2006, 30, 1161-1181.	2.9	93
87	Behavioural and neuroendocrine effects of cannabinoids in critical developmental periods. Behavioural Pharmacology, 2005, 16, 353-362.	0.8	105
88	A132 INTERACTIONS BETWEEN NICOTINE AND THE CANNABINOID RECEPTOR AGONIST CP 55,940 IN THE MODULATION OF ANXIETY-RELATED RESPONSES IN ADOLESCENT RATS OF BOTH SEXES. Behavioural Pharmacology, 2005, 16, S65.	0.8	0
89	B27 ADOLESCENT CANNABINOID PRE-EXPOSURE EFFECTS ON COCAINE SELF-ADMINISTRATION, FOOD REINFORCED BEHAVIOR AND CEREBRAL GLUCOSE METABOLISM IN ADULT RATS. Behavioural Pharmacology, 2005, 16, S74.	0.8	0
90	The endocannabinoid system in the brain of Carassius auratus and its possible role in the control of food intake. Journal of Neurochemistry, 2005, 95, 662-672.	2.1	74

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91	Endocannabinoid system and stress and anxiety responses. Pharmacology Biochemistry and Behavior, 2005, 81, 331-342.	1.3	405
92	Neuroprotective Effect of L-Arginine in a Newborn Rat Model of Acute Severe Asphyxia. Neonatology, 2005, 88, 291-298.	0.9	2
93	The Î¹-opioid receptor is involved in the stimulating effect of nicotine on adrenocortical activity but not in nicotine induced anxiety. Behavioural Brain Research, 2005, 163, 212-218.	1.2	27
94	Behavioral, endocrine and immunological characteristics of a murine model of premature aging. Developmental and Comparative Immunology, 2005, 29, 965-976.	1.0	25
95	Unconditioned and conditioned anxiogenic effects of the cannabinoid receptor agonist CP 55,940 in the social interaction test. Pharmacology Biochemistry and Behavior, 2004, 77, 567-573.	1.3	86
96	Functional responses to the cannabinoid agonist WIN 55,212-2 in neonatal rats of both genders: influence of weaning. Pharmacology Biochemistry and Behavior, 2004, 78, 593-602.	1.3	16
97	Involvement of 5-HT1A receptors in behavioural effects of the cannabinoid receptor agonist CP 55,940 in male rats. Behavioural Pharmacology, 2004, 15, 21-27.	0.8	125
98	Chronic treatment with CP 55,940 during the peri-adolescent period differentially affects the behavioural responses of male and female rats in adulthood. Psychopharmacology, 2003, 170, 301-308.	1.5	128
99	Involvement of the Î¹-opioid receptor in the anxiogenic-like effect of CP 55,940 in male rats. Pharmacology Biochemistry and Behavior, 2003, 74, 649-656.	1.3	75
100	Characterization of monoaminergic systems in brain regions of prematurely ageing mice. Neurochemistry International, 2003, 43, 165-172.	1.9	34
101	Neuroprotection by the cannabinoid agonist WIN-55212 in an in vivo newborn rat model of acute severe asphyxia. Molecular Brain Research, 2003, 114, 132-139.	2.5	49
102	Effects of 14-methoxymetopon, a potent opioid agonist, on the responses to the tail electric stimulation test and plus-maze activity in male rats: neuroendocrine correlates. Brain Research Bulletin, 2002, 57, 661-666.	1.4	23
103	Antinociceptive, behavioural and neuroendocrine effects of CP 55,940 in young rats. Developmental Brain Research, 2002, 136, 85-92.	2.1	74
104	Behavioral characterization of a mouse model of premature immunosenescence. Journal of Neuroimmunology, 2001, 114, 80-88.	1.1	38
105	Preweanling naltrindole administration differentially affects clonidine induced antinociception and plasma adrenaline levels in male and female neonatal rats. British Journal of Pharmacology, 1999, 128, 953-960.	2.7	8
106	Naltrindole administration during the preweanling period and manipulation affect adrenocortical reactivity in young rats. Developmental Brain Research, 1999, 112, 135-137.	2.1	11
107	Effects of Neonatal Naltrindole Treatment on Antinociceptive and Behavioral Responses to Î¼ and k Agonists in Rats. Pharmacology Biochemistry and Behavior, 1999, 62, 145-149.	1.3	12
108	Neonatal Naltrindole and Handling Differently Affect Morphine Antinociception in Male and Female Rats. Pharmacology Biochemistry and Behavior, 1999, 64, 851-855.	1.3	13

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109	Effects of preweanling chronic naltrindole administration on stress-induced antinociceptive responses in rats. Developmental Brain Research, 1998, 110, 127-130.	2.1	6
110	Effects of Neonatal Naltrexone on Neurological and Somatic Development in Rats of Both Genders. Neurotoxicology and Teratology, 1997, 19, 499-509.	1.2	12
111	Effects of nimodipine and nifedipine upon behavior and regional brain monoamines in the rat. Psychopharmacology, 1996, 127, 123-132.	1.5	15
112	Neonatally administered naltrexone affects several behavioral responses in adult rats of both genders. Pharmacology Biochemistry and Behavior, 1995, 50, 277-286.	1.3	32
113	Naltrexone administration during the preweanling period affects striatal and hypothalamic serotonergic systems, but not midbrain serotonergic or striatal dopaminergic systems in the adult rat. Neuroscience Letters, 1995, 201, 195-198.	1.0	9
114	Naltrexone administration effects on regional brain monoamines in developing rats. Brain Research Bulletin, 1994, 34, 395-406.	1.4	8
115	A developmental study on stress-induced antinociception measured by the tail electric stimulation test. Pharmacology Biochemistry and Behavior, 1993, 46, 373-376.	1.3	15
116	Effects of Î²-funaltrexamine treatment and sexual isolation in the perinatal period on the development of Î¼-opioid receptors and nociception. Psychoneuroendocrinology, 1993, 18, 415-424.	1.3	15
117	A study on the development of nociceptive responses in pre- and postweanling rats: the tail electric stimulation test as a suitable methodology. Methods and Findings in Experimental and Clinical Pharmacology, 1993, 15, 31-3.	0.8	2
118	Effects of social isolation and crowding upon active-avoidance performance in the rat. Learning and Behavior, 1990, 18, 90-96.	3.4	8
119	Ontogenesis of Î´-opioid receptors in rat brain using [3H]U-69593 as a binding ligand. European Journal of Pharmacology, 1990, 175, 93-96.	1.7	21