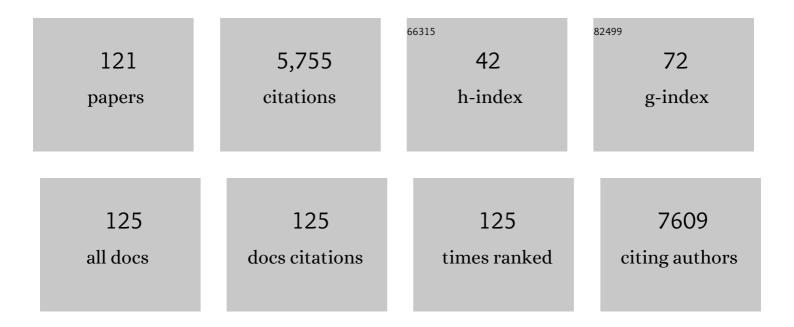
## Mariaelvina Sala

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sox2 deficiency causes neurodegeneration and impaired neurogenesis in the adult mouse brain. Development (Cambridge), 2004, 131, 3805-3819.	1.2	587
2	Pharmacologic Rescue of Impaired Cognitive Flexibility, Social Deficits, Increased Aggression, and Seizure Susceptibility in Oxytocin Receptor Null Mice: A Neurobehavioral Model of Autism. Biological Psychiatry, 2011, 69, 875-882.	0.7	315
3	Chronic Δ9-Tetrahydrocannabinol During Adolescence Provokes Sex-Dependent Changes in the Emotional Profile in Adult Rats: Behavioral and Biochemical Correlates. Neuropsychopharmacology, 2008, 33, 2760-2771.	2.8	304
4	Changes in hippocampal morphology and neuroplasticity induced by adolescent THC treatment are associated with cognitive impairment in adulthood. Hippocampus, 2009, 19, 763-772.	0.9	244
5	Conditioned place preference induced by the cannabinoid agonist CP 55,940: interaction with the opioid system. Neuroscience, 2001, 104, 923-926.	1.1	144
6	Cognitive function in young and adult IL (interleukin)-6 deficient mice. Behavioural Brain Research, 2004, 153, 423-429.	1.2	144
7	Pharmacological enhancement of mGlu5 receptors rescues behavioral deficits in SHANK3 knock-out mice. Molecular Psychiatry, 2017, 22, 689-702.	4.1	134
8	Δ9-Tetrahydrocannabinol-induced conditioned place preference and intracerebroventricular self-administration in rats. European Journal of Pharmacology, 2004, 506, 63-69.	1.7	132
9	Hallucinatory and rewarding effect of salvinorin A in zebrafish: $\hat{I}^2$ -opioid and CB1-cannabinoid receptor involvement. Psychopharmacology, 2007, 190, 441-448.	1.5	122
10	The Depressive Phenotype Induced in Adult Female Rats by Adolescent Exposure to THC is Associated with Cognitive Impairment and Altered Neuroplasticity in the Prefrontal Cortex. Neurotoxicity Research, 2009, 15, 291-302.	1.3	117
11	Cellular Mechanisms Underlying the Anxiolytic Effect of Low Doses of Peripheral Δ9-Tetrahydrocannabinol in Rats. Neuropsychopharmacology, 2007, 32, 2036-2045.	2.8	115
12	Potential anxiolytic―and antidepressantâ€like effects of salvinorin A, the main active ingredient of <i>Salvia divinorum</i> , in rodents. British Journal of Pharmacology, 2009, 157, 844-853.	2.7	113
13	Intracerebral self-administration of the cannabinoid receptor agonist CP 55,940 in the rat: interaction with the opioid system. European Journal of Pharmacology, 2001, 413, 227-234.	1.7	107
14	5-HT1A receptors are involved in the anxiolytic effect of Δ9-tetrahydrocannabinol and AM 404, the anandamide transport inhibitor, in Sprague–Dawley rats. European Journal of Pharmacology, 2007, 555, 156-163.	1.7	100
15	SNAPâ€⊋5 in Neuropsychiatric Disorders. Annals of the New York Academy of Sciences, 2009, 1152, 93-99.	1.8	98
16	An inverted U-shaped curve for heptylphysostigmine on radial maze performance in rats: comparison with other cholinesterase inhibitors. European Journal of Pharmacology, 1996, 302, 13-20.	1.7	97
17	Mice Heterozygous for the Oxytocin Receptor Gene ( <i>Oxtr</i> <sup><i>+/â^'</i></sup> ) Show Impaired Social Behaviour but not Increased Aggression or Cognitive Inflexibility: Evidence of a Selective Haploinsufficiency Gene Effect. Journal of Neuroendocrinology, 2013, 25, 107-118.	1.2	92
18	Involvement of κ-Opioid and Endocannabinoid System on Salvinorin A-Induced Reward. Biological Psychiatry, 2008, 63, 286-292.	0.7	89

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19	Neurohypophyseal hormones manipulation modulate social and anxiety-related behavior in zebrafish. Psychopharmacology, 2012, 220, 319-330.	1.5	85
20	Capsaicin exhibits neuroprotective effects in a model of transient global cerebral ischemia in Mongolian gerbils. British Journal of Pharmacology, 2005, 144, 727-735.	2.7	84
21	Effect of intracerebroventricular administration of morphine upon intestinal motility in rat and its antagonism with naloxone. European Journal of Pharmacology, 1977, 46, 329-338.	1.7	82
22	Epileptiform Activity and Cognitive Deficits in SNAP-25+/â^' Mice are Normalized by Antiepileptic Drugs. Cerebral Cortex, 2014, 24, 364-376.	1.6	78
23	Association between SNAP-25 gene polymorphisms and cognition in autism: functional consequences and potential therapeutic strategies. Translational Psychiatry, 2015, 5, e500-e500.	2.4	76
24	Different physiological and behavioural effects of e-cigarette vapour and cigarette smoke in mice. European Neuropsychopharmacology, 2015, 25, 1775-1786.	0.3	76
25	LSD1 modulates stress-evoked transcription of immediate early genes and emotional behavior. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3651-3656.	3.3	70
26	Post-ischemic treatment with cannabidiol prevents electroencephalographic flattening, hyperlocomotion and neuronal injury in gerbils. Neuroscience Letters, 2003, 346, 61-64.	1.0	66
27	Vanilloid VR1 receptor is involved in rimonabant-induced neuroprotection. British Journal of Pharmacology, 2006, 147, 552-559.	2.7	66
28	Learning About Oxytocin: Pharmacologic and Behavioral Issues. Biological Psychiatry, 2014, 76, 360-366.	0.7	65
29	Effects of molsidomine on scopolamine-induced amnesia and hypermotility in the rat. European Journal of Pharmacology, 2001, 426, 193-200.	1.7	61
30	Role of neuronal nicotinic acetylcholine receptors (nAChRs) on learning and memory in zebrafish. Psychopharmacology, 2014, 231, 1975-1985.	1.5	61
31	Myosin IXa Binds AMPAR and Regulates Synaptic Structure, LTP, and Cognitive Function. Frontiers in Molecular Neuroscience, 2016, 9, 1.	1.4	61
32	eEF2K/eEF2 Pathway Controls the Excitation/Inhibition Balance and Susceptibility to Epileptic Seizures. Cerebral Cortex, 2017, 27, bhw075.	1.6	57
33	3,4 Methylenedioxymethamphetamine-induced conditioned place preference (CPP) is mediated by endocannabinoid system. Pharmacological Research, 2005, 51, 177-182.	3.1	56
34	Eps8 controls dendritic spine density and synaptic plasticity through its actin-capping activity. EMBO Journal, 2013, 32, 1730-1744.	3.5	54
35	Role of the endocannabinoid system in MDMA intracerebral self-administration in rats. British Journal of Pharmacology, 2002, 136, 1089-1092.	2.7	52
36	Effect of centrally administered atropine and pirenzepine on radial arm maze performance in the rat. European Journal of Pharmacology, 1991, 194, 45-49.	1.7	51

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37	Cannabinoid-induced working memory impairment is reversed by a second generation cholinesterase inhibitor in rats. NeuroReport, 2000, 11, 2025-2029.	0.6	51
38	LSD1 Neurospecific Alternative Splicing Controls Neuronal Excitability in Mouse Models of Epilepsy. Cerebral Cortex, 2015, 25, 2729-2740.	1.6	51
39	Design and Characterization of Superpotent Bivalent Ligands Targeting Oxytocin Receptor Dimers via a Channel-Like Structure. Journal of Medicinal Chemistry, 2016, 59, 7152-7166.	2.9	49
40	Chronic morphine affects working memory during treatment and withdrawal in rats. Behavioural Pharmacology, 1994, 5, 570-580.	0.8	48
41	A new model to study visual attention in zebrafish. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2014, 55, 80-86.	2.5	48
42	Central effect of yohimbine on sexual behavior in the rat. Physiology and Behavior, 1990, 47, 165-173.	1.0	47
43	In vivo characterization of the specific cannabinoid receptor antagonist, SR141716A: Behavioral and cellular responses after acute and chronic treatments. , 2000, 35, 8-14.		46
44	Ultrastructural Evidence for a Role of Astrocytes and Glycogen-Derived Lactate in Learning-Dependent Synaptic Stabilization. Cerebral Cortex, 2020, 30, 2114-2127.	1.6	44
45	CP 55,940 protects against ischemia-induced electroencephalographic flattening and hyperlocomotionin Mongolian gerbils. Neuroscience Letters, 2000, 296, 69-72.	1.0	40
46	Expression of mutant β2 nicotinic receptors during development is crucial for epileptogenesis. Human Molecular Genetics, 2009, 18, 1075-1088.	1.4	37
47	The X-Linked Intellectual Disability Protein IL1RAPL1 Regulates Dendrite Complexity. Journal of Neuroscience, 2017, 37, 6606-6627.	1.7	36
48	Behavioral and biochemical evidence of opioidergic involvement in cocaine sensitization. Journal of Pharmacology and Experimental Therapeutics, 1995, 274, 450-7.	1.3	36
49	Δ <sup>9</sup> â€Tetrahydrocannabinol (THC) and AM 404 protect against cerebral ischaemia in gerbils through a mechanism involving cannabinoid and opioid receptors. British Journal of Pharmacology, 2007, 152, 1301-1311.	2.7	34
50	Pharmacological Modulation of AMPAR Rescues Intellectual Disability-Like Phenotype in Tm4sf2â^'/y Mice. Cerebral Cortex, 2017, 27, 5369-5384.	1.6	33
51	Central pharmacological activities and opiate receptor binding studies of some dermorphin analogs. Peptides, 1985, 6, 155-159.	1.2	31
52	Eptastigmine: Ten Years of Pharmacology, Toxicology, Pharmacokinetic, and Clinical Studies. CNS Neuroscience & Therapeutics, 2001, 7, 369-386.	4.0	31
53	<scp>CC</scp> 4, a dimer of cytisine, is a selective partial agonist at α4β2/α6β2 <scp>nAChR</scp> with improved selectivity for tobacco smoking cessation. British Journal of Pharmacology, 2013, 168, 835-849.	2.7	31
54	Epilepsy and intellectual disability linked protein Shrm4 interaction with GABABRs shapes inhibitory neurotransmission. Nature Communications, 2017, 8, 14536.	5.8	31

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55	Linking NMDA Receptor Synaptic Retention to Synaptic Plasticity and Cognition. IScience, 2019, 19, 927-939.	1.9	31
56	Dose-dependent conditioned place preference produced by etonitazene and morphine. European Journal of Pharmacology, 1992, 217, 37-41.	1.7	30
5 <b>7</b>	Endocannabinoids and 3,4-methylenedioxymethamphetamine (MDMA) interaction. Pharmacology Biochemistry and Behavior, 2005, 81, 407-416.	1.3	28
58	The cytisine derivatives, CC4 and CC26, reduce nicotine-induced conditioned place preference in zebrafish by acting on heteromeric neuronal nicotinic acetylcholine receptors. Psychopharmacology, 2014, 231, 4681-4693.	1.5	28
59	Fingolimod Limits Acute Aβ Neurotoxicity and Promotes Synaptic Versus Extrasynaptic NMDA Receptor Functionality in Hippocampal Neurons. Scientific Reports, 2017, 7, 41734.	1.6	27
60	Relationship between morphine and etonitazene-induced working memory impairment and analgesia. European Journal of Pharmacology, 1994, 271, 497-504.	1.7	26
61	Involvement of CDC25Mm/Ras-GRF1-Dependent Signaling in the Control of Neuronal Excitability. Molecular and Cellular Neurosciences, 2001, 18, 691-701.	1.0	26
62	Developmental impaired Akt signaling in the Shank1 and Shank3 double knock-out mice. Molecular Psychiatry, 2021, 26, 1928-1944.	4.1	26
63	Learning and Memory Impairment Induced by Salvinorin A, the Principal Ingredient of <i>Salvia divinorum</i> , in Wistar Rats. International Journal of Toxicology, 2011, 30, 650-661.	0.6	25
64	3,4 Methylenedioxymethamphetamine (ecstasy) impairs eight-arm radial maze performance and arm entry pattern in rats Behavioral Neuroscience, 2002, 116, 298-304.	0.6	21
65	Mice discriminate between stationary and moving 2D shapes: Application to the object recognition task to increase attention. Behavioural Brain Research, 2013, 242, 95-101.	1.2	21
66	Ritanserin-sensitive receptors modulate the prosocial and the anxiolytic effect of MDMA derivatives, DOB and PMA, in zebrafish. Behavioural Brain Research, 2016, 314, 181-189.	1.2	21
67	Cognitive memory control in borderline personality disorder patients. Psychological Medicine, 2009, 39, 845-853.	2.7	19
68	Dermorphin interaction with peripheral opioid receptors. Neuropeptides, 1984, 5, 157-160.	0.9	18
69	Effects of clioquinol on memory impairment and the neurochemical modifications induced by scrapie infection in golden hamsters. Brain Research, 2009, 1280, 195-200.	1.1	17
70	Neurohypophyseal hormones protect against pentylenetetrazole-induced seizures in zebrafish: Role of oxytocin-like and V1a-like receptor. Peptides, 2012, 37, 327-333.	1.2	17
71	Involvement of periaqueductal gray matter in intestinal effect of centrally administered morphine. European Journal of Pharmacology, 1983, 91, 251-254.	1.7	16
72	Long-Lasting Antiamnesic Effect of a Novel Anticholinesterase Inhibitor (MF268). Pharmacology Biochemistry and Behavior, 1998, 59, 897-901.	1.3	15

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73	Intestinal effect and analgesia: Evidence for different involvement of opioid receptor subtypes in periaqueductal gray matter. European Journal of Pharmacology, 1986, 120, 95-99.	1.7	14
74	Polydeoxyribonucleotide (defibrotide) protects against post-ischemic behavioral, electroencephalographic and neuronal damage in the gerbil. European Journal of Pharmacology, 1997, 328, 143-152.	1.7	14
75	Eptastigmine improves eight-arm radial maze performance in aged rats. Pharmacological Research, 2000, 42, 299-304.	3.1	14
76	Increased sensitivity to Δ9-THC-induced rewarding effects after seven-week exposure to electronic and tobacco cigarettes in mice. European Neuropsychopharmacology, 2019, 29, 566-576.	0.3	14
77	Cytoarchitectural, behavioural and neurophysiological dysfunctions in the <scp>BCNU</scp> â€treated rat model of cortical dysplasia. European Journal of Neuroscience, 2013, 37, 150-162.	1.2	13
78	The DNA repair protein ATM as a target in autism spectrum disorder. JCl Insight, 2021, 6, .	2.3	13
79	3,4 Methylenedioxymethamphetamine (ecstasy) impairs eight-arm radial maze performance and arm entry pattern in rats Behavioral Neuroscience, 2002, 116, 298-304.	0.6	13
80	In vivo and in vitro ADMET profiling and in vivo pharmacodynamic investigations of a selective α7 nicotinic acetylcholine receptor agonist with a spirocyclic Δ 2 -isoxazoline molecular skeleton. European Journal of Pharmacology, 2018, 820, 265-273.	1.7	12
81	Impaired approach to novelty and striatal alterations in the oxytocin receptor deficient mouse model of autism. Hormones and Behavior, 2019, 114, 104543.	1.0	12
82	Persistent cognitive and affective alterations at late withdrawal stages after long-term intermittent exposure to tobacco smoke or electronic cigarette vapour: Behavioural changes and their neurochemical correlates. Pharmacological Research, 2020, 158, 104941.	3.1	12
83	Central and peripheral components of dermorphin's effect on rat intestinal propulsion in comparison to morphine. Peptides, 1983, 4, 55-58.	1.2	11
84	Effect on intestinal transit of neurotensin administered intracerebroventricularly to rats. Life Sciences, 1983, 33, 485-488.	2.0	11
85	Naltrexone, Naltrindole, and CTOP Block Cocaine-Induced Sensitization to Seizures and Death. Peptides, 1997, 18, 1189-1195.	1.2	11
86	Pharmacokinetics and distribution of clioquinol in golden hamstersâ€. Journal of Pharmacy and Pharmacology, 2010, 59, 387-393.	1.2	11
87	Behavioural and pharmacological profiles of zebrafish administrated pyrrolidinyl benzodioxanes and prolinol aryl ethers with high affinity for heteromeric nicotinic acetylcholine receptors. Psychopharmacology, 2020, 237, 2317-2326.	1.5	11
88	Different kinetics of tolerance to behavioral and electroencephalographic effects of chlordiazepoxide in the rat. European Journal of Pharmacology, 1995, 273, 35-45.	1.7	10
89	Abuse potential of methylenedioxymethamphetamine (MDMA) and its derivatives in zebrafish: role of serotonin 5HT2-type receptors. Psychopharmacology, 2016, 233, 3031-3039.	1.5	10
90	Different attentional abilities among inbred mice strains using virtual object recognition task (VORT): SNAP25+/â^' mice as a model of attentional deficit. Behavioural Brain Research, 2016, 296, 393-400.	1.2	10

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91	LSD1 is an environmental stress-sensitive negative modulator of the glutamatergic synapse. Neurobiology of Stress, 2020, 13, 100280.	1.9	10
92	Rescuing epileptic and behavioral alterations in a Dravet syndrome mouse model by inhibiting eukaryotic elongation factor 2 kinase (eEF2K). Molecular Autism, 2022, 13, 1.	2.6	10
93	Cerebral sites of central action of dermorphin on intestinal motility in the rat. Peptides, 1985, 6, 149-153.	1.2	9
94	Neurochemical and behavioural modifications induced by scrapie infection in golden hamsters. Brain Research, 2003, 984, 237-241.	1.1	9
95	Altered mRNA Levels of Stress-Related Peptides in Mouse Hippocampus and Caudate-Putamen in Withdrawal after Long-Term Intermittent Exposure to Tobacco Smoke or Electronic Cigarette Vapour. International Journal of Molecular Sciences, 2021, 22, 599.	1.8	9
96	Supraspinal cerebral areas involved in morphine's intestinal inhibition and analgesia. Pharmacology Biochemistry and Behavior, 1988, 30, 319-324.	1.3	8
97	Eeg power spectra and behavioural correlates in rats given chronic morphine. lack of residual long-term eeg and neuronal changes. Pharmacological Research, 1995, 32, 95-103.	3.1	8
98	Conservation of mechanisms regulating emotional-like responses on spontaneous nicotine withdrawal in zebrafish and mammals. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 111, 110334.	2.5	8
99	A novel method for self-administering addicting drugs intracerebroventricularly in a free-choice procedure. Brain Research Protocols, 1998, 3, 135-141.	1.7	7
100	In vivo Model for the Evaluation of Molecules Active Towards Transmissible Spongiform Encephalopathies. Veterinary Research Communications, 2004, 28, 307-310.	0.6	7
101	Different attentional dysfunctions in <i>eEF2K</i> <sup><i>â^'/â^'</i></sup> <i>, IL1RAPL1</i> <sup><i>â^'/â^'</i></sup> and <i>SHANK3Δ11</i> <sup><i>â^'/â^'</i></sup> mice. Genes, Brain and Behavior, 2019, 18, e12563.	1.1	7
102	Eptastigmine restores the aged rat's normal cortical spectral power pattern. Pharmacological Research, 2000, 42, 495-500.	3.1	6
103	Acute DOB and PMA Administration Impairs Motor and Sensorimotor Responses in Mice and Causes Hallucinogenic Effects in Adult Zebrafish. Brain Sciences, 2020, 10, 586.	1.1	6
104	The Non-Peptide Arginine-Vasopressin v1a Selective Receptor Antagonist, SR49059, Blocks the Rewarding, Prosocial, and Anxiolytic Effects of 3,4-Methylenedioxymethamphetamine and Its Derivatives in Zebra Fish. Frontiers in Psychiatry, 2017, 8, 146.	1.3	5
105	Increased Response to 3,4-Methylenedioxymethamphetamine (MDMA) Reward and Altered Gene Expression in Zebrafish During Short- and Long-Term Nicotine Withdrawal. Molecular Neurobiology, 2021, 58, 1650-1663.	1.9	5
106	Increase of plasma corticosterone induced by loperamide in rats. European Journal of Pharmacology, 1982, 79, 101-104.	1.7	4
107	Further investigations on neurotensin as central modulator of intestinal motility in rats. Regulatory Peptides, 1987, 17, 111-117.	1.9	4
108	EXCITATORY AND INHIBITORY EFFECTS OF SECOND-GENERATION CHOLINESTERASE INHIBITORS ON RAT GASTROINTESTINAL TRANSIT. Pharmacological Research, 2000, 41, 671-677.	3.1	4

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109	Diazepam Protects Against the Enhanced Toxicity of Cocaine Adulterated With Atropine. Journal of Pharmacological Sciences, 2008, 107, 408-418.	1.1	4
110	Spontaneous object and movement representations in 4-month-old human infants and albino Swiss mice. Cognition, 2015, 137, 63-71.	1.1	4
111	Homer1b/c clustering is impaired in Phelan-McDermid Syndrome iPSCs derived neurons. Molecular Psychiatry, 2017, 22, 637-637.	4.1	4
112	Arhgap22 Disruption Leads to RAC1 Hyperactivity Affecting Hippocampal Glutamatergic Synapses and Cognition in Mice. Molecular Neurobiology, 2021, 58, 6092-6110.	1.9	4
113	Oral opiate intake in a free-choice procedure in the rat. Pharmacological Research, 1989, 21, 67-68.	3.1	2
114	Liver tyrosine-alpha-ketoglutarate transaminase as a quantitative test of the phlogistic potency of agents topically applied. Pharmacological Research Communications, 1976, 8, 463-468.	0.2	1
115	Possibility of Spontaneous Drug Abuse Tested in Rat. Pharmacological Research, 1993, 28, 21-34.	3.1	1
116	Influence of opioid system on behavioral sensitization induced by cocaine in the rat. Regulatory Peptides, 1994, 53, S199-S200.	1.9	1
117	Inability of etonitazene and haloperidol to elicit conditioned taste aversion. Pharmacological Research, 1990, 22, 64.	3.1	0
118	Quantified EEG in different hypertensive rat strains and its modifications by oxiracetam (OXI). Pharmacological Research, 1990, 22, 17-18.	3.1	0
119	16 Predominant Breastfeeding in The Maternity Ward and Infant's Feeding Practices Through The First Year of Life. Pediatric Research, 2004, 56, 466-466.	1.1	0
120	Zebrafish: An Animal Model to Study Nicotinic Drugs on Spatial Memory and Visual Attention. Neuromethods, 2016, , 33-50.	0.2	0
121	Visual Object Recognition Task. Handbook of Behavioral Neuroscience, 2018, 27, 139-150.	0.7	0