

Maria Rosaria Melis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70 papers	3,295 citations	33 h-index	56 g-index
72 ext. papers	3,532 ext. citations	4.4 avg, IF	5.07 L-index

#	Paper	IF	Citations
70	Oxytocin-conjugated saporin injected into the substantia nigra of male rats alters the activity of the nigrostriatal dopaminergic system: A behavioral and neurochemical study. <i>Brain Research</i> , 2021 , 1773, 147705	3.7	
69	Oxytocin, Erectile Function and Sexual Behavior: Last Discoveries and Possible Advances. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
68	Erectile Function and Sexual Behavior: A Review of the Role of Nitric Oxide in the Central Nervous System.. <i>Biomolecules</i> , 2021 , 11,	5.9	2
67	Altered Sexual Behavior in Dopamine Transporter (DAT) Knockout Male Rats: A Behavioral, Neurochemical and Intracerebral Microdialysis Study. <i>Frontiers in Behavioral Neuroscience</i> , 2020 , 14, 58	3.5	14
66	The pesticide fipronil injected into the substantia nigra of male rats decreases striatal dopamine content: A neurochemical, immunohistochemical and behavioral study. <i>Behavioural Brain Research</i> , 2020 , 384, 112562	3.4	10
65	Chronic Administration of Fipronil Heterogeneously Alters the Neurochemistry of Monoaminergic Systems in the Rat Brain. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
64	Oxytocin induces penile erection and yawning when injected into the bed nucleus of the stria terminalis: A microdialysis and immunohistochemical study. <i>Behavioural Brain Research</i> , 2019 , 375, 112147	3.4	3
63	c-Fos, FosB, BDNF, trkB and Arc Expression in the Limbic System of Male Roman High- and Low-Avoidance Rats that Show Differences in Sexual Behavior: Effect of Sexual Activity. <i>Neuroscience</i> , 2019 , 396, 1-23	3.9	9
62	Rats selectively bred for showing divergent behavioral traits in response to stress or novelty or spontaneous yawning with a divergent frequency show similar changes in sexual behavior: the role of dopamine. <i>Reviews in the Neurosciences</i> , 2019 , 30, 427-454	4.7	6
61	Oxytocin induces penile erection and yawning when injected into the bed nucleus of the stria terminalis: Involvement of glutamic acid, dopamine, and nitric oxide. <i>Hormones and Behavior</i> , 2017 , 96, 52-61	3.7	12
60	Involvement of nigral oxytocin in locomotor activity: A behavioral, immunohistochemical and lesion study in male rats. <i>Hormones and Behavior</i> , 2016 , 83, 23-38	3.7	21
59	Role of dopamine D4 receptors in copulatory behavior: Studies with selective D4 agonists and antagonists in male rats. <i>Pharmacology Biochemistry and Behavior</i> , 2015 , 137, 110-8	3.9	16
58	Involvement of dopamine in the differences in sexual behaviour between Roman high and low avoidance rats: an intracerebral microdialysis study. <i>Behavioural Brain Research</i> , 2015 , 281, 177-86	3.4	19
57	Oxytocin nasal spray in fibromyalgic patients: additional information : reply to the comment to the editor entitled "future directions for the investigation of intranasal oxytocin and pain". <i>Rheumatology International</i> , 2014 , 34, 1335-6	3.6	4
56	Dopamine is involved in the different patterns of copulatory behaviour of Roman high and low avoidance rats: studies with apomorphine and haloperidol. <i>Pharmacology Biochemistry and Behavior</i> , 2014 , 124, 211-9	3.9	20
55	Male Roman high and low avoidance rats show different patterns of copulatory behaviour: comparison with Sprague Dawley rats. <i>Physiology and Behavior</i> , 2014 , 127, 27-36	3.5	20
54	Neuropeptides and central control of sexual behaviour from the past to the present: a review. <i>Progress in Neurobiology</i> , 2013 , 108, 80-107	10.9	99

53	Neuroendocrine regulatory peptide-1 and neuroendocrine regulatory peptide-2 influence differentially feeding and penile erection in male rats: sites of action in the brain. <i>Regulatory Peptides</i> , 2012 , 177, 46-52		11
52	Oxytocin-induced yawning: sites of action in the brain and interaction with mesolimbic/mesocortical and incertohypothalamic dopaminergic neurons in male rats. <i>Hormones and Behavior</i> , 2012 , 62, 505-14	3.7	36
51	Dopamine agonist-induced penile erection and yawning: differential role of D ₁ -like receptor subtypes and correlation with nitric oxide production in the paraventricular nucleus of the hypothalamus of male rats. <i>Behavioural Brain Research</i> , 2012 , 230, 355-64	3.4	31
50	Dopamine D2-like receptor agonists induce penile erection in male rats: differential role of D2, D3 and D4 receptors in the paraventricular nucleus of the hypothalamus. <i>Behavioural Brain Research</i> , 2011 , 225, 169-76	3.4	29
49	Oxytocin injected into the hippocampal ventral subiculum induces penile erection in male rats by increasing glutamatergic neurotransmission in the ventral tegmental area. <i>Neuropharmacology</i> , 2011 , 61, 181-8	5.5	28
48	Central control of penile erection: a re-visitation of the role of oxytocin and its interaction with dopamine and glutamic acid in male rats. <i>Neuroscience and Biobehavioral Reviews</i> , 2011 , 35, 939-55	9	90
47	Oxytocin induces penile erection when injected into the ventral subiculum: role of nitric oxide and glutamic acid. <i>Neuropharmacology</i> , 2010 , 58, 1153-60	5.5	15
46	Phosphodiesterase type 5 inhibitors facilitate noncontact erections in male rats: site of action in the brain and mechanism of action. <i>Journal of Sexual Medicine</i> , 2009 , 6, 2680-9	1.1	20
45	Oxytocin injected into the ventral subiculum or the posteromedial cortical nucleus of the amygdala induces penile erection and increases extracellular dopamine levels in the nucleus accumbens of male rats. <i>European Journal of Neuroscience</i> , 2009 , 30, 1349-57	3.5	51
44	Oxytocin induces penile erection when injected into the ventral tegmental area of male rats: role of nitric oxide and cyclic GMP. <i>European Journal of Neuroscience</i> , 2008 , 28, 813-21	3.5	53
43	Oxytocin injected into the ventral tegmental area induces penile erection and increases extracellular dopamine in the nucleus accumbens and paraventricular nucleus of the hypothalamus of male rats. <i>European Journal of Neuroscience</i> , 2007 , 26, 1026-35	3.5	143
42	Stimulation of dopamine receptors in the paraventricular nucleus of the hypothalamus of male rats induces penile erection and increases extra-cellular dopamine in the nucleus accumbens: Involvement of central oxytocin. <i>Neuropharmacology</i> , 2007 , 52, 1034-43	5.5	98
41	The cannabinoid CB1 receptor antagonist SR 141716A induces penile erection by increasing extra-cellular glutamic acid in the paraventricular nucleus of male rats. <i>Behavioural Brain Research</i> , 2006 , 169, 274-81	3.4	40
40	Morphine reduces penile erection induced by the cannabinoid receptor antagonist SR 141617A in male rats: role of paraventricular glutamic acid and nitric oxide. <i>Neuroscience Letters</i> , 2006 , 404, 1-5	3.3	17
39	The cannabinoid receptor antagonist SR-141716A induces penile erection in male rats: involvement of paraventricular glutamic acid and nitric oxide. <i>Neuropharmacology</i> , 2006 , 50, 219-28	5.5	34
38	PIP3EA and PD-168077, two selective dopamine D4 receptor agonists, induce penile erection in male rats: site and mechanism of action in the brain. <i>European Journal of Neuroscience</i> , 2006 , 24, 2021-30	3.5	38
37	PD-168077, a selective dopamine D4 receptor agonist, induces penile erection when injected into the paraventricular nucleus of male rats. <i>Neuroscience Letters</i> , 2005 , 379, 59-62	3.3	44
36	Central control of penile erection: role of the paraventricular nucleus of the hypothalamus. <i>Progress in Neurobiology</i> , 2005 , 76, 1-21	10.9	176

35	Pro-VGF-derived peptides induce penile erection in male rats: Involvement of paraventricular nitric oxide. <i>Neuropharmacology</i> , 2005 , 49, 1017-25	5.5	27
34	Pro-VGF-derived peptides induce penile erection in male rats: possible involvement of oxytocin. <i>European Journal of Neuroscience</i> , 2004 , 20, 3035-40	3.5	32
33	Extracellular excitatory amino acids increase in the paraventricular nucleus of male rats during sexual activity: main role of N-methyl-d-aspartic acid receptors in erectile function. <i>European Journal of Neuroscience</i> , 2004 , 19, 2569-75	3.5	32
32	The role of oxytocin and the paraventricular nucleus in the sexual behaviour of male mammals. <i>Physiology and Behavior</i> , 2004 , 83, 309-17	3.5	126
31	Antagonism of cannabinoid CB1 receptors in the paraventricular nucleus of male rats induces penile erection. <i>Neuroscience Letters</i> , 2004 , 359, 17-20	3.3	37
30	Activation of GABAA and opioid receptors reduce penile erection induced by hexarelin peptides. <i>Pharmacology Biochemistry and Behavior</i> , 2003 , 76, 563-70	3.9	6
29	Extra-cellular dopamine increases in the paraventricular nucleus of male rats during sexual activity. <i>European Journal of Neuroscience</i> , 2003 , 17, 1266-72	3.5	71
28	Reduction of drug-induced yawning and penile erection and of noncontact erections in male rats by the activation of GABAA receptors in the paraventricular nucleus: involvement of nitric oxide. <i>European Journal of Neuroscience</i> , 2002 , 15, 852-60	3.5	28
27	Penile erection induced by EP 80661 and other hexarelin peptide analogues: involvement of paraventricular nitric oxide. <i>European Journal of Pharmacology</i> , 2001 , 411, 305-10	5.3	15
26	The activation of gamma aminobutyric acid(A) receptors in the paraventricular nucleus of the hypothalamus reduces non-contact penile erections in male rats. <i>Neuroscience Letters</i> , 2001 , 314, 123-6	3.3	15
25	EP 91073 prevents EP 80661-induced penile erection: new evidence for the existence of specific EP peptide receptors mediating penile erection. <i>Neuropharmacology</i> , 2001 , 41, 254-62	5.5	14
24	Differential orexigenic effects of hexarelin and its analogs in the rat hypothalamus: indication for multiple growth hormone secretagogue receptor subtypes. <i>Neuroendocrinology</i> , 2000 , 72, 327-32	5.6	49
23	Effect of excitatory amino acid, dopamine, and oxytocin receptor antagonists on noncontact penile erections and paraventricular nitric oxide production in male rats.. <i>Behavioral Neuroscience</i> , 2000 , 114, 849-857	2.1	29
22	EP 60761 and EP 50885, two hexarelin analogues, induce penile erection in rats. <i>European Journal of Pharmacology</i> , 2000 , 404, 137-43	5.3	18
21	Activation of gamma-aminobutyric acid(A) receptors in the paraventricular nucleus of the hypothalamus reduces apomorphine-, N-methyl-D-aspartic acid- and oxytocin-induced penile erection and yawning in male rats. <i>Neuroscience Letters</i> , 2000 , 281, 127-30	3.3	30
20	Morphine injected into the paraventricular nucleus of the hypothalamus prevents noncontact penile erections and impairs copulation: involvement of nitric oxide. <i>European Journal of Neuroscience</i> , 1999 , 11, 1857-64	3.5	48
19	The oxytocin antagonist d(CH2)5Tyr(Me)2-Orn8-vasotocin reduces non-contact penile erections in male rats. <i>Neuroscience Letters</i> , 1999 , 265, 171-4	3.3	70
18	Different effects of omega-conotoxin on penile erection, yawning and paraventricular nitric oxide in male rats. <i>European Journal of Pharmacology</i> , 1998 , 359, 19-26	5.3	19

17	Nitric oxide production is increased in the paraventricular nucleus of the hypothalamus of male rats during non-contact penile erections and copulation. <i>European Journal of Neuroscience</i> , 1998 , 10, 1968-74	3.5	67
16	The neuropharmacology of yawning. <i>European Journal of Pharmacology</i> , 1998 , 343, 1-16	5.3	146
15	N-methyl-D-aspartic acid-induced penile erection and yawning: role of hypothalamic paraventricular nitric oxide. <i>European Journal of Pharmacology</i> , 1997 , 328, 115-23	5.3	52
14	Oxytocin increases nitric oxide production in the paraventricular nucleus of the hypothalamus of male rats: correlation with penile erection and yawning. <i>Regulatory Peptides</i> , 1997 , 69, 105-11		55
13	Role of central nitric oxide in the control of penile erection and yawning. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1997 , 21, 899-922	5.5	75
12	Prevention by morphine of N-methyl-D-aspartic acid-induced penile erection and yawning: involvement of nitric oxide. <i>Brain Research Bulletin</i> , 1997 , 44, 689-94	3.9	33
11	Prevention by morphine of apomorphine- and oxytocin-induced penile erection and yawning: involvement of nitric oxide. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1997 , 355, 595-600	3.4	29
10	Dopamine agonists increase nitric oxide production in the paraventricular nucleus of the hypothalamus: correlation with penile erection and yawning. <i>European Journal of Neuroscience</i> , 1996 , 8, 2056-63	3.5	114
9	Neuromodulation of penile erection: an overview of the role of neurotransmitters and neuropeptides. <i>Progress in Neurobiology</i> , 1995 , 47, 235-255	10.9	126
8	Nitric oxide donors induce penile erection and yawning when injected in the central nervous system of male rats. <i>European Journal of Pharmacology</i> , 1995 , 294, 1-9	5.3	42
7	Apomorphine- and oxytocin-induced penile erection and yawning in intact and castrated male rats: effect of sexual steroids. <i>Neuroendocrinology</i> , 1994 , 59, 349-54	5.6	44
6	Penile erection and yawning induced by 5-HT _{1C} receptor agonists in male rats: relationship with dopaminergic and oxytocinergic transmission. <i>European Journal of Pharmacology</i> , 1994 , 261, 149-55	5.3	30
5	Nitric oxide synthase inhibitors prevent apomorphine- and oxytocin-induced penile erection and yawning in male rats. <i>Brain Research Bulletin</i> , 1993 , 32, 71-4	3.9	70
4	The oxytocin antagonist d(CH ₂) ₅ Tyr(Me)-Orn ₈ -vasotocin inhibits male copulatory behaviour in rats. <i>European Journal of Pharmacology</i> , 1988 , 149, 389-92	5.3	112
3	d(CH ₂) ₅ Tyr(Me)-[Orn ₈]vasotocin, a potent oxytocin antagonist, antagonizes penile erection and yawning induced by oxytocin and apomorphine, but not by ACTH-(1-24). <i>European Journal of Pharmacology</i> , 1987 , 134, 221-4	5.3	96
2	Apomorphine-induced penile erection and yawning: site of action in brain. <i>Brain Research</i> , 1987 , 415, 98-104	3.7	218
1	Oxytocin: an extremely potent inducer of penile erection and yawning in male rats. <i>European Journal of Pharmacology</i> , 1986 , 130, 265-72	5.3	100