Marija M Janjic

List of Publications by Citations

31 papers	542 citations	16 h-index	22 g-index
31 ext. papers	633 ext. citations	5 avg, IF	3.44 L-index

#	Paper	IF	Citations
31	Sildenafil treatment in vivo stimulates Leydig cell steroidogenesis via the cAMP/cGMP signaling pathway. *American Journal of Physiology - Endocrinology and Metabolism*, **2010**, 299, E544-50	6	55
30	Protein kinase G-mediated stimulation of basal Leydig cell steroidogenesis. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 293, E1399-408	6	49
29	Testosterone-induced modulation of nitric oxide-cGMP signaling pathway and androgenesis in the rat Leydig cells. *Biology of Reproduction*, **2010**, 83, 434-42	3.9	47
28	Pharmacological doses of testosterone upregulated androgen receptor and 3-Beta-hydroxysteroid dehydrogenase/delta-5-delta-4 isomerase and impaired leydig cells steroidogenesis in adult rats. *Toxicological Sciences*, **2011**, 121, 397-407	4.4	31
27	Repeated immobilization stress disturbed steroidogenic machinery and stimulated the expression of cAMP signaling elements and adrenergic receptors in Leydig cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2012**, 302, E1239-51	6	29
26	Age related changes of cAMP and MAPK signaling in Leydig cells of Wistar rats. *Experimental Gerontology*, **2014**, 58, 19-29	4.5	28
25	Melatonin replacement restores the circadian behavior in adult rat Leydig cells after pinealectomy. *Molecular and Cellular Endocrinology*, **2015**, 413, 26-35	4.4	26
24	Characterization of GPR101 transcript structure and expression patterns. *Journal of Molecular Endocrinology*, **2016**, 57, 97-111	4.5	25
23	Anabolic-androgenic steroids induce apoptosis and NOS2 (nitric-oxide synthase 2) in adult rat Leydig cells following in vivo exposure. *Reproductive Toxicology*, **2012**, 34, 686-93	3.4	24
22	Structural complexity of the testis and PKG I / StAR interaction regulate the Leydig cell adaptive response to repeated immobilization stress. *Journal of Developmental and Physical Disabilities*, **2010**, 33, 717-29		21
21	The opposing roles of nitric oxide and cGMP in the age-associated decline in rat testicular steroidogenesis. *Endocrinology*, **2013**, 154, 3914-24	4.8	20
20	The opposite roles of glucocorticoid and 1-adrenergic receptors in stress triggered apoptosis of rat Leydig cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 304, E51-9	6	18
19	Cell Type-Specific Sexual Dimorphism in Rat Pituitary Gene Expression During Maturation. *Biology of Reproduction*, **2015**, 93, 21	3.9	18
18	Purinergic signaling pathways in endocrine system. *Autonomic Neuroscience: Basic and Clinical*, **2015**, 191, 102-16	2.4	17
17	Transient rise of serum testosterone level after single sildenafil treatment of adult male rats. *Journal of Sexual Medicine*, **2012**, 9, 2534-43	1.1	16
16	Stress triggers mitochondrial biogenesis to preserve steroidogenesis in Leydig cells. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2015**, 1853, 2217-27	4.9	16
15	Loss of basal and TRH-stimulated Tshb expression in dispersed pituitary cells. *Endocrinology*, **2015**, 156, 242-54	4.8	16

List of Publications

14	In vivo blockade of α1-adrenergic receptors mitigates stress-disturbed cAMP and cGMP signaling in Leydig cells. *Molecular Human Reproduction*, **2014**, 20, 77-88	4.4	15
13	Sustained in vivo blockade of α1adrenergic receptors prevented some of stress-triggered effects on steroidogenic machinery in Leydig cells. *American Journal of Physiology - Endocrinology and Metabolism*, **2013**, 305, E194-204	6	15
12	Molecular adaptations of testosterone-producing Leydig cells during systemic in vivo blockade of the androgen receptor. *Molecular and Cellular Endocrinology*, **2014**, 396, 10-25	4.4	11
11	Prolonged in vivo administration of testosterone-enanthate, the widely used and abused anabolic androgenic steroid, disturbs prolactin and cAMP signaling in Leydig cells of adult rats. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 149, 58-69	5.1	9
10	Intrinsic and Regulated Gonadotropin-Releasing Hormone Receptor Gene Transcription in Mammalian Pituitary Gonadotrophs. *Frontiers in Endocrinology*, **2017**, 8, 221	5.7	9
9	Divergent expression patterns of pituitary gonadotropin subunit and GnRH receptor genes to continuous GnRH in vitro and in vivo. *Scientific Reports*, **2019**, 9, 20098	4.9	8
8	The relationship between basal and regulated Gnrhr expression in rodent pituitary gonadotrophs. *Molecular and Cellular Endocrinology*, **2016**, 437, 302-311	4.4	7
7	Intratesticular alpha1-adrenergic receptors mediate stress-disturbed transcription of steroidogenic stimulator NUR77 as well as steroidogenic repressors DAX1 and ARR19 in Leydig cells of adult rats. *Molecular and Cellular Endocrinology*, **2015**, 412, 309-19	4.4	3
6	The sex-specific patterns of changes in hypothalamic-pituitary-gonadal axis during experimental autoimmune encephalomyelitis. *Brain, Behavior, and Immunity*, **2020**, 89, 233-244	16.6	2
5	The Function of the Hypothalamic-Pituitary-Adrenal Axis During Experimental Autoimmune Encephalomyelitis: Involvement of Oxidative Stress Mediators. *Frontiers in Neuroscience*, **2021**, 15, 649485	5.1	2
4	Expression and Role of Thyrotropin Receptors in Proopiomelanocortin-Producing Pituitary Cells. *Thyroid*, **2021**, 31, 850-858	6.2	2
3	Distinct Expression Patterns of Osteopontin and Dentin Matrix Protein 1 Genes in Pituitary Gonadotrophs. *Frontiers in Endocrinology*, **2019**, 10, 248	5.7	1
2	Testicular steroidogenesis is suppressed during experimental autoimmune encephalomyelitis in rats. *Scientific Reports*, **2021**, 11, 8996	4.9	1
1	Agmatine Mitigates Inflammation-Related Oxidative Stress in BV-2 Cells by Inducing a Pre-Adaptive Response.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	1