Marija M Janjic

List of Publications by Year
in descending order

31 papers	716 citations	430754 18 h-index	552653 26 g-index
31 all docs	31 docs citations	31 times ranked	1029 citing authors

#	Article	IF	Citations
1	Sildenafil treatment in vivo stimulates Leydig cell steroidogenesis via the cAMP/cGMP signaling pathway. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E544-E550.	1.8	62
2	Protein kinase G-mediated stimulation of basal Leydig cell steroidogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E1399-E1408.	1.8	56
3	Testosterone-Induced Modulation of Nitric Oxide-cGMP Signaling Pathway and Androgenesis in the Rat Leydig Cells1. Biology of Reproduction, 2010, 83, 434-442.	1.2	54
4	Melatonin replacement restores the circadian behavior in adult rat Leydig cells after pinealectomy. Molecular and Cellular Endocrinology, 2015, 413, 26-35.	1.6	40
5	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.	1.4	35
6	Age related changes of cAMP and MAPK signaling in Leydig cells of Wistar rats. Experimental Gerontology, 2014, 58, 19-29.	1.2	34
7	Characterization of GPR101 transcript structure and expression patterns. Journal of Molecular Endocrinology, 2016, 57, 97-111.	1.1	34
8	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-E1251.	1.8	33
9	Stress triggers mitochondrial biogenesis to preserve steroidogenesis in Leydig cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2217-2227.	1.9	31
10	Anabolicâ€“androgenic steroids induce apoptosis and NOS2 (nitric-oxide synthase 2) in adult rat Leydig cells following in vivo exposure. Reproductive Toxicology, 2012, 34, 686-693.	1.3	28
11	Structural complexity of the testis and PKG Iâ€Š/â€ŠStAR interaction regulate the Leydig cell adaptive response to repeated immobilization stress. Journal of Developmental and Physical Disabilities, 2010, 33, 717-729.	3.6	26
12	The Opposing Roles of Nitric Oxide and cGMP in the Age-Associated Decline in Rat Testicular Steroidogenesis. Endocrinology, 2013, 154, 3914-3924.	1.4	26
13	Cell Type-Specific Sexual Dimorphism in Rat Pituitary Gene Expression During Maturation1. Biology of Reproduction, 2015, 93, 21.	1.2	26
14	Transient Rise of Serum Testosterone Level After Single Sildenafil Treatment of Adult Male Rats. Journal of Sexual Medicine, 2012, 9, 2534-2543.	0.3	23
15	Loss of Basal and TRH-StimulatedTshbExpression in Dispersed Pituitary Cells. Endocrinology, 2015, 156, 242-254.	1.4	21
16	The opposite roles of glucocorticoid and Î±₁-adrenergic receptors in stress triggered apoptosis of rat Leydig cells. American Journal of Physiology - Endocrinology and Metabolism, 2013, 304, E51-E59.	1.8	20
17	Purinergic signaling pathways in endocrine system. Autonomic Neuroscience: Basic and Clinical, 2015, 191, 102-116.	1.4	19
18	In vivo blockade of Â1-adrenergic receptors mitigates stress-disturbed cAMP and cGMP signaling in Leydig cells. Molecular Human Reproduction, 2014, 20, 77-88.	1.3	18

#	Article	IF	Citations
19	Sustained in vivo blockade of Î±₁-adrenergic receptors prevented some of stress-triggered effects on steroidogenic machinery in Leydig cells. American Journal of Physiology - Endocrinology and Metabolism, 2013, 305, E194-E204.	1.8	17
20	Intrinsic and Regulated Gonadotropin-Releasing Hormone Receptor Gene Transcription in Mammalian Pituitary Gonadotrophs. Frontiers in Endocrinology, 2017, 8, 221.	1.5	17
21	Divergent expression patterns of pituitary gonadotropin subunit and GnRH receptor genes to continuous GnRH in vitro and in vivo. Scientific Reports, 2019, 9, 20098.	1.6	16
22	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.	1.2	13
23	Molecular adaptations of testosterone-producing Leydig cells during systemic in vivo blockade of the androgen receptor. Molecular and Cellular Endocrinology, 2014, 396, 10-25.	1.6	12
24	The Function of the Hypothalamicâ€“Pituitaryâ€“Adrenal Axis During Experimental Autoimmune Encephalomyelitis: Involvement of Oxidative Stress Mediators. Frontiers in Neuroscience, 2021, 15, 649485.	1.4	12
25	The relationship between basal and regulated Gnrhr expression in rodent pituitary gonadotrophs. Molecular and Cellular Endocrinology, 2016, 437, 302-311.	1.6	11
26	Agmatine Mitigates Inflammation-Related Oxidative Stress in BV-2 Cells by Inducing a Pre-Adaptive Response. International Journal of Molecular Sciences, 2022, 23, 3561.	1.8	9
27	The sex-specific patterns of changes in hypothalamic-pituitary-gonadal axis during experimental autoimmune encephalomyelitis. Brain, Behavior, and Immunity, 2020, 89, 233-244.	2.0	6
28	Distinct Expression Patterns of Osteopontin and Dentin Matrix Protein 1 Genes in Pituitary Gonadotrophs. Frontiers in Endocrinology, 2019, 10, 248.	1.5	5
29	Testicular steroidogenesis is suppressed during experimental autoimmune encephalomyelitis in rats. Scientific Reports, 2021, 11, 8996.	1.6	5
30	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, 309-319.	1.6	4
31	Expression and Role of Thyrotropin Receptors in Proopiomelanocortin-Producing Pituitary Cells. Thyroid, 2021, 31, 850-858.	2.4	3