

List of Publications by Year in descending order

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32
papers

1,815
citations

304743

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all docs

32
docs citations

32
times ranked

2117
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic regulation is important for spermatogenesis. <i>Nature Reviews Urology</i> , 2012, 9, 330-338.	3.8	329
2	Gonadotropins, their receptors, and the regulation of testicular functions in fish. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 129, 407-417.	1.6	127
3	Pre-diabetes alters testicular PGC1- $\hat{\pm}$ /SIRT3 axis modulating mitochondrial bioenergetics and oxidative stress. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 335-344.	1.0	122
4	Diabetes, insulin-mediated glucose metabolism and Sertoli/blood-testis barrier function. <i>Tissue Barriers</i> , 2013, 1, e23992.	3.2	119
5	Effect of insulin deprivation on metabolism and metabolism-associated gene transcript levels of in vitro cultured human Sertoli cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 84-89.	2.4	108
6	Tubular Fluid Secretion in the Seminiferous Epithelium: Ion Transporters and Aquaporins in Sertoli Cells. <i>Journal of Membrane Biology</i> , 2010, 236, 215-224.	2.1	100
7	Metabolic modulation induced by oestradiol and DHT in immature rat Sertoli cells cultured<i> in vitro</i>. <i>Bioscience Reports</i> , 2012, 32, 61-69.	2.4	91
8	Influence of 5 $\hat{\pm}$ -dihydrotestosterone and 17 $\hat{2}$ -estradiol on human Sertoli cells metabolism. <i>Journal of Developmental and Physical Disabilities</i> , 2011, 34, e612-e620.	3.6	82
9	Cloning, Characterization, and Tissue Distribution of Prolactin Receptor in the Sea Bream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT/Overload 1.8 80		
10	In vitro cultured human Sertoli cells secrete high amounts of acetate that is stimulated by 17 $\hat{2}$ -estradiol and suppressed by insulin deprivation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1389-1394.	4.1	63
11	Estrogen Receptors $\hat{\pm}$ and $\hat{2}$ in Human Testis: Both Isoforms are Expressed. <i>Systems Biology in Reproductive Medicine</i> , 2009, 55, 137-144.	2.1	56
12	Control of Sertoli cell metabolism by sex steroid hormones is mediated through modulation in glycolysis-related transporters and enzymes. <i>Cell and Tissue Research</i> , 2013, 354, 861-868.	2.9	52
13	Testosterone deficiency induced by progressive stages of diabetes mellitus impairs glucose metabolism and favors glycogenesis in mature rat Sertoli cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 66, 1-10.	2.8	50
14	Androgens enhance the glycolytic metabolism and lactate export in prostate cancer cells by modulating the expression of GLUT1, GLUT3, PFK, LDH and MCT4 genes. <i>Journal of Cancer Research and Clinical Oncology</i> , 2016, 142, 5-16.	2.5	50
15	Quantification of Prolactin (PRL) and PRL Receptor Messenger RNA in Gilthead Seabream (<i>Sparus</i>) Tj ETQq1 1 0.784314 rgBT/Overload 2.7 44		
16	Regucalcin, a calcium-binding protein with a role in male reproduction?. <i>Molecular Human Reproduction</i> , 2012, 18, 161-170.	2.8	35
17	Regucalcin is broadly expressed in male reproductive tissues and is a new androgen-target gene in mammalian testis. <i>Reproduction</i> , 2011, 142, 447-456.	2.6	34
18	Estrogenic regulation of testicular expression of stem cell factor and c-kit: implications in germ cell survival and male fertility. <i>Fertility and Sterility</i> , 2014, 102, 299-306.	1.0	30

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19	Androgen-induced changes in Leydig cell ultrastructure and steroidogenesis in juvenile African catfish, <i>Clarias gariepinus</i> . <i>Cell and Tissue Research</i> , 1999, 297, 291-299.	2.9	28
20	Oestrogens as apoptosis regulators in mammalian testis: angels or devils?. <i>Expert Reviews in Molecular Medicine</i> , 2015, 17, e2.	3.9	26
21	Molecular Basis of Bicarbonate Membrane Transport in the Male Reproductive Tract. <i>Current Medicinal Chemistry</i> , 2013, 20, 4037-4049.	2.4	26
22	Sperm parameters and epididymis function in transgenic rats overexpressing the Ca ²⁺ -binding protein regucalcin: a hidden role for Ca ²⁺ in sperm maturation?. <i>Molecular Human Reproduction</i> , 2013, 19, 581-589.	2.8	25
23	Apoptosis-inhibitor <i>Aven</i> is downregulated in defective spermatogenesis and a novel estrogen target gene in mammalian testis. <i>Fertility and Sterility</i> , 2011, 96, 745-750.	1.0	22
24	Expression pattern of G protein-coupled receptor 30 in human seminiferous tubular cells. <i>General and Comparative Endocrinology</i> , 2014, 201, 16-20.	1.8	21
25	Developmental ontogeny of prolactin and prolactin receptor in the sea bream (<i>Sparus aurata</i>). <i>General and Comparative Endocrinology</i> , 2003, 132, 304-314.	1.8	20
26	Regucalcin counteracts tert-butyl hydroperoxide and cadmium-induced oxidative stress in rat testis. <i>Journal of Applied Toxicology</i> , 2017, 37, 159-166.	2.8	20
27	The effects of the obesogen tributyltin on the metabolism of Sertoli cells cultured <i>ex vivo</i> . <i>Archives of Toxicology</i> , 2018, 92, 601-610.	4.2	15
28	Regucalcin is an androgen-target gene in the rat prostate modulating cell-cycle and apoptotic pathways. <i>Prostate</i> , 2014, 74, 1189-1198.	2.3	12
29	Identification of androgen receptor variants in testis from humans and other vertebrates. <i>Andrologia</i> , 2013, 45, 187-194.	2.1	10
30	The Choroid Plexus Is an Alternative Source of Prolactin to the Rat Brain. <i>Molecular Neurobiology</i> , 2021, 58, 1846-1858.	4.0	7
31	SEX STEROIDS AND SPERMATOGENESIS IN THE AFRICAN CATFISH (<i>CLARIAS GARIEPINUS</i>). <i>Archives of Andrology</i> , 2005, 51, 99-107.	1.0	6
32	Sex Steroids Have Diverse Effects on Pituitary Gland and Testis during Puberty in African Catfish <i>Clarias gariepinus</i> . <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 584-585.	3.8	5