Ren-shan Ge

List of Publications by Citations

218 papers	4,693 citations	33 h-index	59 g-index
227 ext. papers	5,803 ext. citations	4.8 avg, IF	5.57 L-index

#	Paper	IF	Citations
218	In search of rat stem Leydig cells: identification, isolation, and lineage-specific development. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 2719-24	11.5	206
217	Leydig cells: From stem cells to aging. *Molecular and Cellular Endocrinology*, **2009**, 306, 9-16	4.4	183
216	Variation in the end products of androgen biosynthesis and metabolism during postnatal differentiation of rat Leydig cells. *Endocrinology*, **1998**, 139, 3787-95	4.8	183
215	Phthalate levels and low birth weight: a nested case-control study of Chinese newborns. *Journal of Pediatrics*, **2009**, 155, 500-4	3.6	162
214	Phthalate ester toxicity in Leydig cells: developmental timing and dosage considerations. *Reproductive Toxicology*, **2007**, 23, 366-73	3.4	135
213	Insights into the Development of the Adult Leydig Cell Lineage from Stem Leydig Cells. *Frontiers in Physiology*, **2017**, 8, 430	4.6	128
212	Involvement of testicular growth factors in fetal Leydig cell aggregation after exposure to phthalate in utero. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 7218-22	11.5	124
211	Gene expression in rat leydig cells during development from the progenitor to adult stage: a cluster analysis. *Biology of Reproduction*, **2005**, 72, 1405-15	3.9	115
210	Phthalate-induced testicular dysgenesis syndrome: Leydig cell influence. *Trends in Endocrinology and Metabolism*, **2009**, 20, 139-45	8.8	112
209	Identification of a kinetically distinct activity of 11beta-hydroxysteroid dehydrogenase in rat Leydig cells. *Endocrinology*, **1997**, 138, 2435-42	4.8	108
208	11{beta}-Hydroxysteroid dehydrogenase 2 in rat leydig cells: its role in blunting glucocorticoid action at physiological levels of substrate. *Endocrinology*, **2005**, 146, 2657-64	4.8	107
207	Inhibitors of testosterone biosynthetic and metabolic activation enzymes. *Molecules*, **2011**, 16, 9983-10008	4.8	86
206	A metabolite of methoxychlor, 2,2-bis(p-hydroxyphenyl)-1,1, 1-trichloroethane, reduces testosterone biosynthesis in rat leydig cells through suppression of steady-state messenger ribonucleic acid levels of the cholesterol side-chain cleavage enzyme. *Biology of Reproduction*, **2000**, 62, 571-8	3.9	80
205	Comparison of cell types in the rat Leydig cell lineage after ethane dimethanesulfonate treatment. *Reproduction*, **2013**, 145, 371-80	3.8	76
204	Developmental changes in glucocorticoid receptor and 11beta-hydroxysteroid dehydrogenase oxidative and reductive activities in rat Leydig cells. *Endocrinology*, **1997**, 138, 5089-95	4.8	75
203	Decreased cyclin A2 and increased cyclin G1 levels coincide with loss of proliferative capacity in rat Leydig cells during pubertal development. *Endocrinology*, **1997**, 138, 3719-26	4.8	67
202	Inhibition of human and rat testicular steroidogenic enzyme activities by bisphenol A. *Toxicology Letters*, **2011**, 207, 137-42	4.4	63

201	A brief exposure to cadmium impairs Leydig cell regeneration in the adult rat testis. *Scientific Reports*, **2017**, 7, 6337	4.9	62
200	Leydig cell stem cells: Identification, proliferation and differentiation. *Molecular and Cellular Endocrinology*, **2017**, 445, 65-73	4.4	62
199	Inutero exposure to diisononyl phthalate caused testicular dysgenesis of rat fetal testis. *Toxicology Letters*, **2015**, 232, 466-74	4.4	61
198	Environmental inhibitors of 11hydroxysteroid dehydrogenase type 2. *Toxicology*, **2011**, 285, 83-9	4.4	60
197	Deletion of the Igf1 gene: suppressive effects on adult Leydig cell development. *Journal of Andrology*, **2010**, 31, 379-87		53
196	Forkhead box transcription factor 1: role in the pathogenesis of diabetic cardiomyopathy. *Cardiovascular Diabetology*, **2016**, 15, 44	8.7	51
195	Stem Leydig cell differentiation: gene expression during development of the adult rat population of Leydig cells. *Biology of Reproduction*, **2011**, 85, 1161-6	3.9	49
194	Mono-(2-ethylhexyl) phthalate affects the steroidogenesis in rat Leydig cells through provoking ROS perturbation. *Toxicology in Vitro*, **2012**, 26, 950-5	3.6	48
193	The (+)- and (-)-gossypols potently inhibit both 3beta-hydroxysteroid dehydrogenase and 17beta-hydroxysteroid dehydrogenase 3 in human and rat testes. *Journal of Steroid Biochemistry and Molecular Biology*, **2009**, 115, 14-9	5.1	44
192	In Utero Exposure to Diethylhexyl Phthalate Affects Rat Brain Development: A Behavioral and Genomic Approach. *International Journal of Environmental Research and Public Health*, **2015**, 12, 13696-710	4.6	41
191	In utero and lactational exposures to diethylhexyl-phthalate affect two populations of Leydig cells in male Long-Evans rats. *Biology of Reproduction*, **2009**, 80, 882-8	3.9	41
190	Direct Reprogramming of Mouse Fibroblasts toward Leydig-like Cells by Defined Factors. *Stem Cell Reports*, **2017**, 8, 39-53	8	39
189	Perfluorooctane sulfonate impairs rat Leydig cell development during puberty. *Chemosphere*, **2018**, 190, 43-53	8.4	38
188	Inhibition of human and rat 3beta-hydroxysteroid dehydrogenase and 17beta-hydroxysteroid dehydrogenase 3 activities by perfluoroalkylated substances. *Chemico-Biological Interactions*, **2010**, 188, 38-43	5	38
187	The inhibition of human and rat 11hydroxysteroid dehydrogenase 2 by perfluoroalkylated substances. *Journal of Steroid Biochemistry and Molecular Biology*, **2011**, 125, 143-7	5.1	37
186	Dihydrolipoamide dehydrogenase and cAMP are associated with cadmium-mediated Leydig cell damage. *Toxicology Letters*, **2011**, 205, 183-9	4.4	37
185	Basic fibroblast growth factor promotes stem Leydig cell development and inhibits LH-stimulated androgen production by regulating microRNA expression. *Journal of Steroid Biochemistry and Molecular Biology*, **2014**, 144 Pt B, 483-91	5.1	33
184	Identification of the oxidative 3alpha-hydroxysteroid dehydrogenase activity of rat Leydig cells as type II retinol dehydrogenase. *Endocrinology*, **2000**, 141, 1608-17	4.8	33

183	Identification of a Kinetically Distinct Activity of 11β-Hydroxysteroid Dehydrogenase in Rat Leydig Cells		33
182	Curcumin as a potent and selective inhibitor of 11β-hydroxysteroid dehydrogenase 1: improving lipid profiles in high-fat-diet-treated rats. *PLoS ONE*, **2013**, 8, e49976	3.7	33
181	Structure-dependent inhibition of human and rat 11beta-hydroxysteroid dehydrogenase 2 activities by phthalates. *Chemico-Biological Interactions*, **2010**, 183, 79-84	5	32
180	Alterations of gene profiles in Leydig-cell-regenerating adult rat testis after ethane dimethane sulfonate-treatment. *Asian Journal of Andrology*, **2015**, 17, 253-60	2.8	32
179	Toxicological Effects of Cadmium on Mammalian Testis. *Frontiers in Genetics*, **2020**, 11, 527	4.5	30
178	Environmental pollutants and hydroxysteroid dehydrogenases. *Vitamins and Hormones*, **2014**, 94, 349-90	2.5	30
177	Effects of phthalates on 3β-hydroxysteroid dehydrogenase and 17β-hydroxysteroid dehydrogenase 3 activities in human and rat testes. *Chemico-Biological Interactions*, **2012**, 195, 180-8	5	29
176	Glucocorticoid suppresses steroidogenesis in rat progenitor Leydig cells. *Journal of Andrology*, **2010**, 31, 365-71		29
175	Transplanted human p75-positive stem Leydig cells replace disrupted Leydig cells for testosterone production. *Cell Death and Disease*, **2017**, 8, e3123	9.8	28
174	Directed mouse embryonic stem cells into leydig-like cells rescue testosterone-deficient male rats in vivo. *Stem Cells and Development*, **2015**, 24, 459-70	4.4	28
173	Effects of hydroxysafflor yellow A on the activity and mRNA expression of four CYP isozymes in rats. *Journal of Ethnopharmacology*, **2014**, 151, 1141-1146	5	28
172	Genetic polymorphisms and novel allelic variants of CYP2C19 in the Chinese Han population. *Pharmacogenomics*, **2012**, 13, 1571-81	2.6	27
171	Adverse effects of di-(2-ethylhexyl) phthalate on Leydig cell regeneration in the adult rat testis. *Toxicology Letters*, **2012**, 215, 84-91	4.4	26
170	Effects of perfluorooctanoic acid on stem Leydig cell functions in the rat. *Environmental Pollution*, **2019**, 250, 206-215	9.3	25
169	Inhibition of human and rat 11β-hydroxysteroid dehydrogenases activities by bisphenol A. *Toxicology Letters*, **2012**, 215, 126-30	4.4	25
168	Decreased Cyclin A2 and Increased Cyclin G1 Levels Coincide with Loss of Proliferative Capacity in Rat Leydig Cells During Pubertal Development		25
167	In utero methoxychlor exposure increases rat fetal Leydig cell number but inhibits its function. *Toxicology*, **2016**, 370, 31-40	4.4	25
166	In utero exposure to bisphenol A disrupts fetal testis development in rats. *Environmental Pollution*, **2019**, 246, 217-224	9.3	25

165	In utero perfluorooctane sulfonate exposure causes low body weights of fetal rats: A mechanism study. *Placenta*, **2016**, 39, 125-33	3.4	24
164	In utero combined di-(2-ethylhexyl) phthalate and diethyl phthalate exposure cumulatively impairs rat fetal Leydig cell development. *Toxicology*, **2018**, 395, 23-33	4.4	23
163	Nicotine affects rat Leydig cell function in vivo and vitro via down-regulating some key steroidogenic enzyme expressions. *Food and Chemical Toxicology*, **2017**, 110, 13-24	4.7	22
162	The Effects of Fungicides on Human 3β-Hydroxysteroid Dehydrogenase 1 and Aromatase in Human Placental Cell Line JEG-3. *Pharmacology*, **2017**, 100, 139-147	2.3	22
161	A Short-Term Exposure to Tributyltin Blocks Leydig Cell Regeneration in the Adult Rat Testis. *Frontiers in Pharmacology*, **2017**, 8, 704	5.6	22
160	Effects of Etomidate on the Steroidogenesis of Rat Immature Leydig Cells. *PLoS ONE*, **2015**, 10, e0139315	3.7	22
159	Time-course changes of steroidogenic gene expression and steroidogenesis of rat Leydig cells after acute immobilization stress. *International Journal of Molecular Sciences*, **2014**, 15, 21028-44	6.3	22
158	The increased number of Leydig cells by di(2-ethylhexyl) phthalate comes from the differentiation of stem cells into Leydig cell lineage in the adult rat testis. *Toxicology*, **2013**, 306, 9-15	4.4	21
157	7alpha-hydroxytestosterone affects 1 beta-hydroxysteroid dehydrogenase 1 direction in rat Leydig cells. *Endocrinology*, **2010**, 151, 748-54	4.8	21
156	Cell polarity, cell adhesion, and spermatogenesis: role of cytoskeletons. *F1000Research*, **2017**, 6, 1565	3.6	21
155	Phthalate-Induced Fetal Leydig Cell Dysfunction Mediates Male Reproductive Tract Anomalies. *Frontiers in Pharmacology*, **2019**, 10, 1309	5.6	21
154	Prenatal exposure to di-n-butyl phthalate disrupts the development of adult Leydig cells in male rats during puberty. *Toxicology*, **2017**, 386, 19-27	4.4	20
153	A role of KIT receptor signaling for proliferation and differentiation of rat stem Leydig cells in vitro. *Molecular and Cellular Endocrinology*, **2017**, 444, 1-8	4.4	19
152	Mitochondrial toxicity of perfluorooctane sulfonate in mouse embryonic stem cell-derived cardiomyocytes. *Toxicology*, **2017**, 382, 108-116	4.4	19
151	Gene expression profiling in fetal rat lung during gestational perfluorooctane sulfonate exposure. *Toxicology Letters*, **2012**, 209, 270-6	4.4	19
150	Structure-activity relationships of phthalates in inhibition of human placental 3β-hydroxysteroid dehydrogenase 1 and aromatase. *Reproductive Toxicology*, **2016**, 61, 151-61	3.4	19
149	Dicyclohexyl phthalate blocks Leydig cell regeneration in adult rat testis. *Toxicology*, **2019**, 411, 60-70	4.4	18
148	Oncostatin M inhibits differentiation of rat stem Leydig cells in vivo and in vitro. *Journal of Cellular and Molecular Medicine*, **2019**, 23, 426-438	5.6	18

147	Perfluoroalkyl substances cause Leydig cell dysfunction as endocrine disruptors. *Chemosphere*, **2020**, 253, 126764	8.4	17
146	Hepatic Premalignant Alterations Triggered by Human Nephrotoxin Aristolochic Acid I in Canines. *Cancer Prevention Research*, **2016**, 9, 324-34	3.2	17
145	Effects of curcumin on pain threshold and on the expression of nuclear factor B and CX3C receptor 1 after sciatic nerve chronic constrictive injury in rats. *Chinese Journal of Integrative Medicine*, **2014**, 20, 850-6	2.9	17
144	Mono-(2-ethylhexyl) phthalate (MEHP) regulates glucocorticoid metabolism through 11beta-hydroxysteroid dehydrogenase 2 in murine gonadotrope cells. *Biochemical and Biophysical Research Communications*, **2009**, 389, 305-9	3.4	17
143	The structure-activity relationship (SAR) for phthalate-mediated developmental and reproductive toxicity in males. *Chemosphere*, **2019**, 223, 504-513	8.4	17
142	Zearalenone Delays Rat Leydig Cell Regeneration. *Toxicological Sciences*, **2018**, 164, 60-71	4.4	16
141	Effects of methoxychlor and its metabolite 2,2-bis(p-hydroxyphenyl)-1,1,1-trichloroethane on 11hydroxysteroid dehydrogenase activities in vitro. *Toxicology Letters*, **2013**, 218, 18-23	4.4	16
140	Diverged Effects of Piperine on Testicular Development: Stimulating Leydig Cell Development but Inhibiting Spermatogenesis in Rats. *Frontiers in Pharmacology*, **2018**, 9, 244	5.6	15
139	4-Bromodiphenyl ether delays pubertal Leydig cell development in rats. *Chemosphere*, **2018**, 211, 986-99	8.4	15
138	The inhibitory effects of perfluoroalkyl substances on human and rat 11hydroxysteroid dehydrogenase 1. *Chemico-Biological Interactions*, **2012**, 195, 114-8	5	15
137	Effects of in Utero Exposure to Dicyclohexyl Phthalate on Rat Fetal Leydig Cells. *International Journal of Environmental Research and Public Health*, **2016**, 13,	4.6	15
136	Fibroblast Growth Factor 1 Promotes Rat Stem Leydig Cell Development. *Frontiers in Endocrinology*, **2019**, 10, 118	5.7	14
135	The metabolism of steroids, toxins and drugs by 11hydroxysteroid dehydrogenase 1. *Toxicology*, **2012**, 292, 1-12	4.4	14
134	Suppression of rat and human androgen biosynthetic enzymes by apigenin: Possible use for the treatment of prostate cancer. *Foterap* **2016**, 111, 66-72	3.2	14
133	In utero single low-dose exposure of cadmium induces rat fetal Leydig cell dysfunction. *Chemosphere*, **2018**, 194, 57-66	8.4	14
132	Interleukin 6 inhibits the differentiation of rat stem Leydig cells. *Molecular and Cellular Endocrinology*, **2018**, 472, 26-39	4.4	14
131	Endocrine disruptors of inhibiting testicular 3hydroxysteroid dehydrogenase. *Chemico-Biological Interactions*, **2019**, 303, 90-97	5	13
130	Effects of Methoxychlor and Its Metabolite Hydroxychlor on Human Placental 3Hydroxysteroid Dehydrogenase 1 and Aromatase in JEG-3 Cells. *Pharmacology*, **2016**, 97, 126-33	2.3	13

129	In utero exposure to triphenyltin disrupts rat fetal testis development. *Chemosphere*, **2018**, 211, 1043-1053	8.4	13
128	Parathyroid Hormone-Related Protein Promotes Rat Stem Leydig Cell Differentiation. *Frontiers in Physiology*, **2017**, 8, 911	4.6	13
127	Triclocarban and Triclosan Inhibit Human Aromatase via Different Mechanisms. *BioMed Research International*, **2017**, 2017, 8284097	3	13
126	Role of 11β-OH-C(19) and C(21) steroids in the coupling of 11β-HSD1 and 17β-HSD3 in regulation of testosterone biosynthesis in rat Leydig cells. *Steroids*, **2011**, 76, 682-9	2.8	13
125	Effects of butylated hydroxyanisole on the steroidogenesis of rat immature Leydig cells. *Toxicology Mechanisms and Methods*, **2016**, 26, 511-519	3.6	13
124	Paraquat exposure delays stem/progenitor Leydig cell regeneration in the adult rat testis. *Chemosphere*, **2019**, 231, 60-71	8.4	12
123	The cross talk of adrenal and Leydig cell steroids in Leydig cells. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 192, 105386	5.1	12
122	Pubertal exposure to tebuconazole increases testosterone production via inhibiting testicular aromatase activity in rats. *Chemosphere*, **2019**, 230, 519-526	8.4	12
121	Bisphenol A stimulates differentiation of rat stem Leydig cells in vivo and in vitro. *Molecular and Cellular Endocrinology*, **2018**, 474, 158-167	4.4	12
120	Effect of brominated flame retardant BDE-47 on androgen production of adult rat Leydig cells. *Toxicology Letters*, **2011**, 205, 209-14	4.4	12
119	Deprival of testicular innervation induces apoptosis of Leydig cells via caspase-8-dependent signaling: a novel survival pathway revealed. *Biochemical and Biophysical Research Communications*, **2009**, 382, 165-70	3.4	12
118	Protein profiles of cardiomyocyte differentiation in murine embryonic stem cells exposed to perfluorooctane sulfonate. *Journal of Applied Toxicology*, **2016**, 36, 726-40	4.1	12
117	In vitro and in vivo characterization of 13 CYP2C9 allelic variants found in Chinese Han population. *Drug Metabolism and Disposition*, **2015**, 43, 561-9	4	11
116	Taxifolin suppresses rat and human testicular androgen biosynthetic enzymes. *Fitoterapia*, **2018**, 125, 258-265	3.2	11
115	Leukemia inhibitory factor stimulates steroidogenesis of rat immature Leydig cells via increasing the expression of steroidogenic acute regulatory protein. *Growth Factors*, **2016**, 34, 166-176	1.6	11
114	Effects of Ziram on Rat and Human 11β-Hydroxysteroid Dehydrogenase Isoforms. *Chemical Research in Toxicology*, **2016**, 29, 398-405	4	11
113	Gossypol enantiomers potently inhibit human placental 3β-hydroxysteroid dehydrogenase 1 and aromatase activities. *Fitoterapia*, **2016**, 109, 132-7	3.2	11
112	Inhibition of sperm capacitation and fertilizing capacity by adjudin is mediated by chloride and its channels in humans. *Human Reproduction*, **2013**, 28, 47-59	5.7	11

111	Simultaneous determination of liensinine, isoliensinine and neferine in rat plasma by UPLC-MS/MS and application of the technique to pharmacokinetic studies. *Journal of Ethnopharmacology*, **2015**, 163, 94-8	5	11
110	Disrupting androgen production of Leydig cells by resveratrol via direct inhibition of human and rat 3β-hydroxysteroid dehydrogenase. *Toxicology Letters*, **2014**, 226, 14-9	4.4	11
109	Peptidergic not monoaminergic fibers profusely innervate the young adult human testis. *Journal of Anatomy*, **2009**, 214, 330-8	2.9	11
108	Stem Leydig cell regeneration in the adult rat testis is inhibited after a short-term triphenyltin exposure. *Toxicology Letters*, **2019**, 306, 80-89	4.4	11
107	Comparison of flavonoids and isoflavonoids to inhibit rat and human 11β-hydroxysteroid dehydrogenase 1 and 2. *Steroids*, **2018**, 132, 25-32	2.8	10
106	Lambda-cyhalothrin delays pubertal Leydig cell development in rats. *Environmental Pollution*, **2018**, 242, 709-717	9.3	10
105	Regulation of spermatid polarity by the actin- and microtubule (MT)-based cytoskeletons. *Seminars in Cell and Developmental Biology*, **2018**, 81, 88-96	7.5	10
104	Effects of methoxychlor and its metabolite 2,2-bis(p-hydroxyphenyl)-1,1,1-trichloroethane on human and rat 17β-hydroxylase/17,20-lyase activity. *Toxicology Letters*, **2014**, 225, 407-12	4.4	10
103	11β-hydroxysteroid dehydrogenase types 1 and 2 in postnatal development of rat testis: gene expression, localization and regulation by luteinizing hormone and androgens. *Asian Journal of Andrology*, **2014**, 16, 811-6	2.8	10
102	Triphenyltin Chloride Delays Leydig Cell Maturation During Puberty in Rats. *Frontiers in Pharmacology*, **2018**, 9, 833	5.6	10
101	Ziram Delays Pubertal Development of Rat Leydig Cells. *Toxicological Sciences*, **2017**, 160, 329-340	4.4	9
100	Fibroblast growth factor homologous factor 1 stimulates Leydig cell regeneration from stem cells in male rats. *Journal of Cellular and Molecular Medicine*, **2019**, 23, 5618-5631	5.6	9
99	Determination of acacetin in rat plasma by UPLC-MS/MS and its application to a pharmacokinetic study. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2015**, 986-987, 18-22	3.2	9
98	Gestational exposure to ziram disrupts rat fetal Leydig cell development. *Chemosphere*, **2018**, 203, 393-401	4	9
97	Taxifolin inhibits rat and human 11β-hydroxysteroid dehydrogenase 2. *Fitoterapia*, **2017**, 121, 112-117	3.2	9
96	Perfluorododecanoic Acid Blocks Rat Leydig Cell Development during Prepuberty. *Chemical Research in Toxicology*, **2019**, 32, 146-155	4	9
95	Influence of fetal Leydig cells on the development of adult Leydig cell population in rats. *Journal of Reproduction and Development*, **2018**, 64, 223-231	2.1	9
94	Fibroblast growth factor 16 stimulates proliferation but blocks differentiation of rat stem Leydig cells during regeneration. *Journal of Cellular and Molecular Medicine*, **2019**, 23, 2632-2644	5.6	8

93	Deficiency of CDKN1A or both CDKN1A and CDKN1B affects the pubertal development of mouse Leydig cells. *Biology of Reproduction*, **2015**, 92, 77	3.9	8
92	In utero cadmium and dibutyl phthalate combination exposure worsens the defects of fetal testis in rats. *Environmental Pollution*, **2020**, 265, 114842	9.3	8
91	Taxifolin attenuates the developmental testicular toxicity induced by di-n-butyl phthalate in fetal male rats. *Food and Chemical Toxicology*, **2020**, 142, 111482	4.7	8
90	Paraquat exposure delays late-stage Leydig cell differentiation in rats during puberty. *Environmental Pollution*, **2019**, 255, 113316	9.3	8
89	Effects of luteinizing hormone and androgen on the development of rat progenitor Leydig cells in vitro and in vivo. *Asian Journal of Andrology*, **2013**, 15, 685-91	2.8	8
88	Comparison of the Effects of Dibutyl and Monobutyl Phthalates on the Steroidogenesis of Rat Immature Leydig Cells. *BioMed Research International*, **2016**, 2016, 1376526	3	8
87	Exposure to Atrazine Disrupts Rat Fetal Testis Development. *Frontiers in Pharmacology*, **2018**, 9, 1391	5.6	8
86	In utero exposure to hexavalent chromium disrupts rat fetal testis development. *Toxicology Letters*, **2018**, 299, 201-209	4.4	8
85	Ziram inhibits aromatase activity in human placenta and JEG-3 cell line. *Steroids*, **2017**, 128, 114-119	2.8	7
84	Effects of gestational Perfluorooctane Sulfonate exposure on the developments of fetal and adult Leydig cells in F1 males. *Environmental Pollution*, **2020**, 262, 114241	9.3	7
83	Platelet-derived growth factor BB stimulates differentiation of rat immature Leydig cells. *Journal of Molecular Endocrinology*, **2018**, 60, 29-43	4.5	7
82	Butylated Hydroxyanisole Potently Inhibits Rat and Human 11β-Hydroxysteroid Dehydrogenase Type 2. *Pharmacology*, **2016**, 97, 10-7	2.3	7
81	Aldosterone Blocks Rat Stem Leydig Cell Development. *Frontiers in Endocrinology*, **2018**, 9, 4	5.7	7
80	Zearalenone Inhibits Rat and Human 11β-Hydroxysteroid Dehydrogenase Type 2. *BioMed Research International*, **2015**, 2015, 283530	3	7
79	Inhibition of LH-stimulated androgen production in rat immature Leydig cells: Effects on nuclear receptor steroidogenic factor 1 by FGF2. *Growth Factors*, **2010**, 28, 1-9	1.6	7
78	Normal responses to restraint stress in mice lacking the gene for neuronal nitric oxide synthase. *Journal of Andrology*, **2009**, 30, 614-20		7
77	Regulation of blood-testis barrier dynamics by the mTORC1/rpS6 signaling complex: An study. *Asian Journal of Andrology*, **2019**, 21, 365-375	2.8	7
76	Adiponectin Facilitates Postconditioning Cardioprotection through Both AMPK-Dependent Nuclear and AMPK-Independent Mitochondrial STAT3 Activation. *Oxidative Medicine and Cellular Longevity*, **2020**, 2020, 4253457	6.7	6

75	Benzyl butyl phthalate non-linearly affects rat Leydig cell development during puberty. *Toxicology Letters*, **2019**, 314, 53-62	4.4	6
74	Mono-carbonyl curcumin analogues as 11β-hydroxysteroid dehydrogenase 1 inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 4362-6	2.9	6
73	Bisphenols and Leydig Cell Development and Function. *Frontiers in Endocrinology*, **2020**, 11, 447	5.7	6
72	Characterization and differentiation of CD51 Stem Leydig cells in adult mouse testes. *Molecular and Cellular Endocrinology*, **2019**, 493, 110449	4.4	5
71	Maternal exposure to zearalenone in masculinization window affects the fetal Leydig cell development in rat male fetus. *Environmental Pollution*, **2020**, 263, 114357	9.3	5
70	Dehydroepiandrosterone Antagonizes Pain Stress-Induced Suppression of Testosterone Production in Male Rats. *Frontiers in Pharmacology*, **2018**, 9, 322	5.6	5
69	Effects of Folpet, Captan, and Captafol on Human Aromatase in JEG-3 Cells. *Pharmacology*, **2018**, 102, 81-87	2.3	5
68	The effect of glycyrrhetinic acid on pharmacokinetics of cortisone and its metabolite cortisol in rats. *Journal of Biomedicine and Biotechnology*, **2012**, 2012, 856324		5
67	Epidermal growth factor regulates the development of stem and progenitor Leydig cells in rats. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 7313-7330	5.6	5
66	Effects of perfluoroalkyl substances on neurosteroid synthetic enzymes in the rat. *Chemico-Biological Interactions*, **2017**, 272, 182-187	5	5
65	Neurotrophin-3 stimulates stem Leydig cell proliferation during regeneration in rats. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 13679-13689	5.6	5
64	Gestational vinclozolin exposure suppresses fetal testis development in rats. *Ecotoxicology and Environmental Safety*, **2020**, 203, 111053	7	5
63	Delayed Puberty by Ziram Is Associated with Down Regulation of Testicular Phosphorylated AKT1 and SIRT1/PGC-1α Signaling. *Chemical Research in Toxicology*, **2018**, 31, 1315-1322	4	5
62	Food components and environmental chemicals of inhibiting human placental aromatase. *Food and Chemical Toxicology*, **2019**, 128, 46-53	4.7	4
61	Effects of Fungicides on Rat's Neurosteroid Synthetic Enzymes. *BioMed Research International*, **2017**, 2017, 5829756	3	4
60	Human placental 3β-hydroxysteroid dehydrogenase/steroid Δ5,4-isomerase 1: Identity, regulation and environmental inhibitors. *Toxicology*, **2019**, 425, 152253	4.4	4
59	Effects of methoxychlor and 2,2-bis (p -hydroxyphenyl)-1,1,1-trichloroethane on cytochrome P450 enzyme activities in human and rat livers. *Pharmacology*, **2015**, 95, 145-53	2.3	4
58	Acephate interferes with androgen synthesis in rat immature Leydig cells. *Chemosphere*, **2020**, 245, 125597	5.4	4

57	Long-term triphenyltin exposure disrupts adrenal function in adult male rats. *Chemosphere*, **2020**, 243, 125149	8.4	4
56	4-Bromodiphenyl Ether Causes Adrenal Gland Dysfunction in Rats during Puberty. *Chemical Research in Toxicology*, **2019**, 32, 1772-1779	4	3
55	Metabolic Coupling Determines the Activity: Comparison of 11Ē-Hydroxysteroid Dehydrogenase 1 and Its Coupling between Liver Parenchymal Cells and Testicular Leydig Cells. *PLoS ONE*, **2015**, 10, e0141767	3.7	3
54	Determination of Caudatin in Rat Plasma by UPLC-MS/MS: Application to a Preclinical Pharmacokinetic Study. *Pharmacology*, **2015**, 96, 49-54	2.3	3
53	Contraceptives with novel benefits. *Expert Opinion on Investigational Drugs*, **2012**, 21, 83-90	5.9	3
52	Differentiation of seminiferous tubule-associated stem cells into leydig cell and myoid cell lineages. *Molecular and Cellular Endocrinology*, **2021**, 525, 111179	4.4	3
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