Ren-shan Ge

List of Publications by Year in Descending Order

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	Bisphenol AF blocks Leydig cell regeneration from stem cells in male rats.. *Environmental Pollution*, **2022**, 298, 118825	9.3	2
217	Effects of perfluoroundecanoic acid on the function of Leydig cells in adult male rats.. *Toxicology and Applied Pharmacology*, **2022**, 439, 115903	4.6	
216	Methyl tert-butyl ether inhibits pubertal development of Leydig cells in male rats by inducing mitophagy and apoptosis.. *Ecotoxicology and Environmental Safety*, **2022**, 232, 113282	7	0
215	Circular RNA circLMO1 Suppresses Cervical Cancer Growth and Metastasis by Triggering miR-4291/-Mediated Ferroptosis.. *Frontiers in Oncology*, **2022**, 12, 858598	5.3	0
214	Tetramethyl bisphenol a inhibits leydig cell function in late puberty by inducing ferroptosis.. *Ecotoxicology and Environmental Safety*, **2022**, 236, 113515	7	0
213	In utero bisphenol AF exposure causes fetal Leydig cell dysfunction and induces multinucleated gonocytes by generating oxidative stress and reducing the SIRT1/PGC1 signals. *Toxicology and Applied Pharmacology*, **2022**, 447, 116069	4.6	1
212	Short-term exposure to perfluorotetradecanoic acid affects the late-stage regeneration of Leydig cells in adult male rats. *Toxicology and Applied Pharmacology*, **2021**, 433, 115777	4.6	0
211	Triadimefon increases fetal Leydig cell proliferation but inhibits its differentiation of male fetuses after gestational exposure. *Ecotoxicology and Environmental Safety*, **2021**, 228, 112942	7	1
210	Androgen and Luteinizing Hormone Stimulate the Function of Rat Immature Leydig Cells Through Different Transcription Signals. *Frontiers in Endocrinology*, **2021**, 12, 599149	5.7	1
209	Perfluorotridecanoic acid inhibits fetal Leydig cell differentiation after in utero exposure in rats via increasing oxidative stress and autophagy. *Environmental Toxicology*, **2021**, 36, 1206-1216	4.2	1
208	The Production of Testosterone and Gene Expression in Neonatal Testes of Rats Exposed to Diisoheptyl Phthalate During Pregnancy is Inhibited. *Frontiers in Pharmacology*, **2021**, 12, 568311	5.6	2
207	Differentiation of seminiferous tubule-associated stem cells into leydig cell and myoid cell lineages. *Molecular and Cellular Endocrinology*, **2021**, 525, 111179	4.4	3
206	5-Bis-(2,6-difluoro-benzylidene) Cyclopentanone Acts as a Selective 11Hydroxysteroid Dehydrogenase one Inhibitor to Treat Diet-Induced Nonalcoholic Fatty Liver Disease in Mice. *Frontiers in Pharmacology*, **2021**, 12, 594437	5.6	1
205	Xylene delays the development of Leydig cells in pubertal rats by inducing reactive oxidative species. *Toxicology*, **2021**, 454, 152740	4.4	3
204	Short-term perfluorooctane sulfonate exposure impairs Leydig cell regeneration in the adult rat testis via targeting hedgehog signaling. *Ecotoxicology and Environmental Safety*, **2021**, 214, 112121	7	1
203	Stem Leydig cells: Current research and future prospects of regenerative medicine of male reproductive health. *Seminars in Cell and Developmental Biology*, **2021**, 121, 63-63	7.5	1
202	Perfluorododecanoic acid delays Leydig cell regeneration from stem cells in adult rats. *Food and Chemical Toxicology*, **2021**, 151, 112152	4.7	0

201	In utero exposure to dipentyl phthalate disrupts fetal and adult Leydig cell development. *Toxicology and Applied Pharmacology*, **2021**, 419, 115514	4.6	1
200	Low dose of fire retardant, 2,2Ţ4,4Ŧtetrabromodiphenyl ether (BDE47), stimulates the proliferation and differentiation of progenitor Leydig cells of male rats during prepuberty. *Toxicology Letters*, **2021**, 342, 6-19	4.4	3
199	Exposure to 4-bromodiphenyl ether during pregnancy blocks testis development in male rat fetuses. *Toxicology Letters*, **2021**, 342, 38-49	4.4	1
198	Perfluorotridecanoic Acid Inhibits Leydig Cell Maturation in Male Rats in Late Puberty via Changing Testicular Lipid Component. *Chemical Research in Toxicology*, **2021**, 34, 1542-1555	4	0
197	Bisphenol B stimulates Leydig cell proliferation but inhibits maturation in late pubertal rats. *Food and Chemical Toxicology*, **2021**, 153, 112248	4.7	3
196	Inhibition of human sperm motility and capacitation by ziram is mediated by decreasing tyrosine protein kinase. *Ecotoxicology and Environmental Safety*, **2021**, 218, 112281	7	3
195	Gestational exposure to tebuconazole affects the development of rat fetal Leydig cells. *Chemosphere*, **2021**, 262, 127792	8.4	3
194	Exposure to di-n-octyl phthalate during puberty induces hypergonadotropic hypogonadism caused by Leydig cell hyperplasia but reduced steroidogenic function in male rats. *Ecotoxicology and Environmental Safety*, **2021**, 208, 111432	7	3
193	Tebuconazole exposure disrupts placental function and causes fetal low birth weight in rats. *Chemosphere*, **2021**, 264, 128432	8.4	2
192	Perfluoroheptanoic acid induces Leydig cell hyperplasia but inhibits spermatogenesis in rats after pubertal exposure. *Toxicology*, **2021**, 448, 152633	4.4	3
191	Effects of gestational exposure to perfluorooctane sulfonate on the lung development of offspring rats. *Environmental Pollution*, **2021**, 272, 115535	9.3	2
190	NC1-peptide derived from collagen Ƀ (IV) chain is a blood-tissue barrier regulator: lesson from the testis. *Asian Journal of Andrology*, **2021**, 23, 123-128	2.8	2
189	Perfluoroundecanoic acid inhibits Leydig cell development in pubertal male rats via inducing oxidative stress and autophagy. *Toxicology and Applied Pharmacology*, **2021**, 415, 115440	4.6	1
188	Rutin inhibits androgen synthesis and metabolism in rat immature Leydig cells in vitro. *Andrologia*, **2021**, 53, e14221	2.4	2
187	Effects of bis(2-butoxyethyl) phthalate exposure in utero on the development of fetal Leydig cells in rats. *Toxicology Letters*, **2021**, 351, 65-77	4.4	0
186	Triadimefon suppresses fetal adrenal gland development after in utero exposure. *Toxicology*, **2021**, 462, 152932	4.4	0
185	Leydig Cell and Spermatogenesis. *Advances in Experimental Medicine and Biology*, **2021**, 1288, 111-129	3.6	1
184	In utero cadmium and dibutyl phthalate combination exposure worsens the defects of fetal testis in rats. *Environmental Pollution*, **2020**, 265, 114842	9.3	8

183	Effects of in utero exposure to diisodecyl phthalate on fetal testicular cells in rats. *Toxicology Letters*, **2020**, 330, 23-29	4.4	2
182	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
181	Triphenyltin chloride reduces the development of rat adrenal cortex during puberty. *Food and Chemical Toxicology*, **2020**, 143, 111479	4.7	1
180	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
179	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
178	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
177	Toxicological Effects of Cadmium on Mammalian Testis. *Frontiers in Genetics*, **2020**, 11, 527	4.5	30
176	Perfluoroalkyl substances cause Leydig cell dysfunction as endocrine disruptors. *Chemosphere*, **2020**, 253, 126764	8.4	17
175	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
174	Acephate interferes with androgen synthesis in rat immature Leydig cells. *Chemosphere*, **2020**, 245, 125597	8.4	4
173	Long-term triphenyltin exposure disrupts adrenal function in adult male rats. *Chemosphere*, **2020**, 243, 125149	8.4	4
172	Taxifolin Inhibits Neurosteroidogenic Rat Steroid 5Reductase 1 and 3Hydroxysteroid Dehydrogenase. *Pharmacology*, **2020**, 105, 397-404	2.3	
171	Neurotrophin-3 stimulates stem Leydig cell proliferation during regeneration in rats. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 13679-13689	5.6	5
170	Monocyte Chemoattractant Protein-1 stimulates the differentiation of rat stem and progenitor Leydig cells during regeneration. *BMC Developmental Biology*, **2020**, 20, 20	3.1	2
169	Di-n-hexyl phthalate causes Leydig cell hyperplasia in rats during puberty. *Toxicology Letters*, **2020**, 332, 213-221	4.4	2
168	Cisatracurium stimulates testosterone synthesis in rat and mouse Leydig cells via nicotinic acetylcholine receptor. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 14184-14194	5.6	1
167	Bisphenols and Leydig Cell Development and Function. *Frontiers in Endocrinology*, **2020**, 11, 447	5.7	6
166	Gestational vinclozolin exposure suppresses fetal testis development in rats. *Ecotoxicology and Environmental Safety*, **2020**, 203, 111053	7	5

165	Zearalenone disrupts the placental function of rats: A possible mechanism causing intrauterine growth restriction. *Food and Chemical Toxicology*, **2020**, 145, 111698	4.7	1
164	Dimethoate blocks pubertal differentiation of Leydig cells in rats. *Chemosphere*, **2020**, 241, 125036	8.4	3
163	4-Bromodiphenyl Ether Causes Adrenal Gland Dysfunction in Rats during Puberty. *Chemical Research in Toxicology*, **2019**, 32, 1772-1779	4	3
162	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
161	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
160	Effects of dexmedetomidine on the steroidogenesis of rat immature Leydig cells. *Steroids*, **2019**, 149, 108423	2.8	2
159	Paraquat exposure delays stem/progenitor Leydig cell regeneration in the adult rat testis. *Chemosphere*, **2019**, 231, 60-71	8.4	12
158	Dexamethasone suppresses the differentiation of stem Leydig cells in rats in vitro. *BMC Pharmacology & Toxicology*, **2019**, 20, 32	2.6	2
157	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
156	Flurbiprofen Inhibits Androgen Productions in Rat Immature Leydig Cells. *Chemical Research in Toxicology*, **2019**, 32, 1504-1514	4	0
155	Characterization and differentiation of CD51 Stem Leydig cells in adult mouse testes. *Molecular and Cellular Endocrinology*, **2019**, 493, 110449	4.4	5
154	Pubertal exposure to tebuconazole increases testosterone production via inhibiting testicular aromatase activity in rats. *Chemosphere*, **2019**, 230, 519-526	8.4	12
153	Effects of perfluorooctanoic acid on stem Leydig cell functions in the rat. *Environmental Pollution*, **2019**, 250, 206-215	9.3	25
152	Endocrine disruptors of inhibiting testicular 3β-hydroxysteroid dehydrogenase. *Chemico-Biological Interactions*, **2019**, 303, 90-97	5	13
151	Food components and environmental chemicals of inhibiting human placental aromatase. *Food and Chemical Toxicology*, **2019**, 128, 46-53	4.7	4
150	Fibroblast Growth Factor 1 Promotes Rat Stem Leydig Cell Development. *Frontiers in Endocrinology*, **2019**, 10, 118	5.7	14
149	Dehydroepiandrosterone and Its CYP7B1 Metabolite 7β-Hydroxydehydroepiandrosterone Regulates 11β-Hydroxysteroid Dehydrogenase 1 Directions in Rat Leydig Cells. *Frontiers in Endocrinology*, **2019**, 10, 886	5.7	0
148	Benzyl butyl phthalate non-linearly affects rat Leydig cell development during puberty. *Toxicology Letters*, **2019**, 314, 53-62	4.4	6

147	Propofol Inhibits Androgen Production in Rat Immature Leydig Cells. *Frontiers in Pharmacology*, **2019**, 10, 760	5.6	1
146	Human placental 3β-hydroxysteroid dehydrogenase/steroid Δ5,4-isomerase 1: Identity, regulation and environmental inhibitors. *Toxicology*, **2019**, 425, 152253	4.4	4
145	Paraquat exposure delays late-stage Leydig cell differentiation in rats during puberty. *Environmental Pollution*, **2019**, 255, 113316	9.3	8
144	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
143	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
142	The structure-activity relationship (SAR) for phthalate-mediated developmental and reproductive toxicity in males. *Chemosphere*, **2019**, 223, 504-513	8.4	17
141	Phthalate-Induced Fetal Leydig Cell Dysfunction Mediates Male Reproductive Tract Anomalies. *Frontiers in Pharmacology*, **2019**, 10, 1309	5.6	21
140	In utero exposure to bisphenol A disrupts fetal testis development in rats. *Environmental Pollution*, **2019**, 246, 217-224	9.3	25
139	Dicyclohexyl phthalate blocks Leydig cell regeneration in adult rat testis. *Toxicology*, **2019**, 411, 60-70	4.4	18
138	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
137	Perfluorododecanoic Acid Blocks Rat Leydig Cell Development during Prepuberty. *Chemical Research in Toxicology*, **2019**, 32, 146-155	4	9
136	Zearalenone Delays Rat Leydig Cell Regeneration. *Toxicological Sciences*, **2018**, 164, 60-71	4.4	16
135	Taxifolin suppresses rat and human testicular androgen biosynthetic enzymes. *Fitoterapia*, **2018**, 125, 258-265	3.2	11
134	Comparison of flavonoids and isoflavonoids to inhibit rat and human 11β-hydroxysteroid dehydrogenase 1 and 2. *Steroids*, **2018**, 132, 25-32	2.8	10
133	Platelet-derived growth factor BB stimulates differentiation of rat immature Leydig cells. *Journal of Molecular Endocrinology*, **2018**, 60, 29-43	4.5	7
132	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
131	Gestational exposure to ziram disrupts rat fetal Leydig cell development. *Chemosphere*, **2018**, 203, 393-401	8.4	9
130	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

129	Perfluorooctane sulfonate impairs rat Leydig cell development during puberty. *Chemosphere*, **2018**, 190, 43-53	8.4	38
128	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
127	Dehydroepiandrosterone Antagonizes Pain Stress-Induced Suppression of Testosterone Production in Male Rats. *Frontiers in Pharmacology*, **2018**, 9, 322	5.6	5
126	Lambda-cyhalothrin delays pubertal Leydig cell development in rats. *Environmental Pollution*, **2018**, 242, 709-717	9.3	10
125	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
124	Aldosterone Blocks Rat Stem Leydig Cell Development. *Frontiers in Endocrinology*, **2018**, 9, 4	5.7	7
123	Effects of Folpet, Captan, and Captafol on Human Aromatase in JEG-3 Cells. *Pharmacology*, **2018**, 102, 81-87	2.3	5
122	In utero exposure to triphenyltin disrupts rat fetal testis development. *Chemosphere*, **2018**, 211, 1043-1053	8.4	13
121	Methoxychlor and its metabolite HPTE inhibit rat neurosteroidogenic 3β-hydroxysteroid dehydrogenase and retinol dehydrogenase 2. *Neuroscience Letters*, **2018**, 684, 169-174	3.3	2
120	4-Bromodiphenyl ether delays pubertal Leydig cell development in rats. *Chemosphere*, **2018**, 211, 986-997	8.4	15
119	In utero single low-dose exposure of cadmium induces rat fetal Leydig cell dysfunction. *Chemosphere*, **2018**, 194, 57-66	8.4	14
118	Interleukin 6 inhibits the differentiation of rat stem Leydig cells. *Molecular and Cellular Endocrinology*, **2018**, 472, 26-39	4.4	14
117	Exposure to Atrazine Disrupts Rat Fetal Testis Development. *Frontiers in Pharmacology*, **2018**, 9, 1391	5.6	8
116	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
115	In utero exposure to hexavalent chromium disrupts rat fetal testis development. *Toxicology Letters*, **2018**, 299, 201-209	4.4	8
114	Triphenyltin Chloride Delays Leydig Cell Maturation During Puberty in Rats. *Frontiers in Pharmacology*, **2018**, 9, 833	5.6	10
113	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
112	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

111	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
110	Mitochondrial toxicity of perfluorooctane sulfonate in mouse embryonic stem cell-derived cardiomyocytes. *Toxicology*, **2017**, 382, 108-116	4.4	19
109	Direct Reprogramming of Mouse Fibroblasts toward Leydig-like Cells by Defined Factors. *Stem Cell Reports*, **2017**, 8, 39-53	8	39
108	Ziram inhibits aromatase activity in human placenta and JEG-3 cell line. *Steroids*, **2017**, 128, 114-119	2.8	7
107	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
106	Transplanted human p75-positive stem Leydig cells replace disrupted Leydig cells for testosterone production. *Cell Death and Disease*, **2017**, 8, e3123	9.8	28
105	Ziram Delays Pubertal Development of Rat Leydig Cells. *Toxicological Sciences*, **2017**, 160, 329-340	4.4	9
104	Effects of Fungicides on Rat's Neurosteroid Synthetic Enzymes. *BioMed Research International*, **2017**, 2017, 5829756	3	4
103	Effects of resveratrol on rat neurosteroid synthetic enzymes. *Fitoterap* **2017**, 122, 61-66	3.2	2
102	Taxifolin inhibits rat and human 11-hydroxysteroid dehydrogenase 2. *Fitoterap* **2017**, 121, 112-117	3.2	9
101	A brief exposure to cadmium impairs Leydig cell regeneration in the adult rat testis. *Scientific Reports*, **2017**, 7, 6337	4.9	62
100	The Effects of Fungicides on Human 3-Hydroxysteroid Dehydrogenase 1 and Aromatase in Human Placental Cell Line JEG-3. *Pharmacology*, **2017**, 100, 139-147	2.3	22
99	Leydig cell stem cells: Identification, proliferation and differentiation. *Molecular and Cellular Endocrinology*, **2017**, 445, 65-73	4.4	62
98	A Short-Term Exposure to Tributyltin Blocks Leydig Cell Regeneration in the Adult Rat Testis. *Frontiers in Pharmacology*, **2017**, 8, 704	5.6	22
97	Insights into the Development of the Adult Leydig Cell Lineage from Stem Leydig Cells. *Frontiers in Physiology*, **2017**, 8, 430	4.6	128
96	Parathyroid Hormone-Related Protein Promotes Rat Stem Leydig Cell Differentiation. *Frontiers in Physiology*, **2017**, 8, 911	4.6	13
95	Triclocarban and Triclosan Inhibit Human Aromatase via Different Mechanisms. *BioMed Research International*, **2017**, 2017, 8284097	3	13
94	Cell polarity, cell adhesion, and spermatogenesis: role of cytoskeletons. *F1000Research*, **2017**, 6, 1565	3.6	21

93	Effects of perfluoroalkyl substances on neurosteroid synthetic enzymes in the rat. *Chemico-Biological Interactions*, **2017**, 272, 182-187	5	5
92	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
91	Effects of Polybrominated Diphenyl Ethers on Rat and Human 11β-Hydroxysteroid Dehydrogenase 1 and 2 Activities. *Pharmacology*, **2016**, 98, 115-23	2.3	2
90	Forkhead box transcription factor 1: role in the pathogenesis of diabetic cardiomyopathy. *Cardiovascular Diabetology*, **2016**, 15, 44	8.7	51
89	Effects of Methoxychlor and Its Metabolite Hydroxychlor on Human Placental 3β-Hydroxysteroid Dehydrogenase 1 and Aromatase in JEG-3 Cells. *Pharmacology*, **2016**, 97, 126-33	2.3	13
88	Butylated Hydroxyanisole Potently Inhibits Rat and Human 11β-Hydroxysteroid Dehydrogenase Type 2. *Pharmacology*, **2016**, 97, 10-7	2.3	7
87	Effects of Ziram on Rat and Human 11β-Hydroxysteroid Dehydrogenase Isoforms. *Chemical Research in Toxicology*, **2016**, 29, 398-405	4	11
86	In utero perfluorooctane sulfonate exposure causes low body weights of fetal rats: A mechanism study. *Placenta*, **2016**, 39, 125-33	3.4	24
85	Hepatic Premalignant Alterations Triggered by Human Nephrotoxin Aristolochic Acid I in Canines. *Cancer Prevention Research*, **2016**, 9, 324-34	3.2	17
84	Gossypol enantiomers potently inhibit human placental 3β-hydroxysteroid dehydrogenase 1 and aromatase activities. *Fitoterapia*, **2016**, 109, 132-7	3.2	11
83	Response to the Svingen Comments on Li et al. Effects of in Utero Exposure to Dicyclohexyl Phthalate on Rat Fetal Leydig Cells. Int. J. Environ. Res. Public Health, 2016, 13, 246. *International Journal of Environmental Research and Public Health*, **2016**, 13,	4.6	2
82	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
81	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
80	Effects of butylated hydroxyanisole on the steroidogenesis of rat immature Leydig cells. *Toxicology Mechanisms and Methods*, **2016**, 26, 511-519	3.6	13
79	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
78	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
77	Suppression of rat and human androgen biosynthetic enzymes by apigenin: Possible use for the treatment of prostate cancer. *Fitoterapia*, **2016**, 111, 66-72	3.2	14
76	In utero methoxychlor exposure increases rat fetal Leydig cell number but inhibits its function. *Toxicology*, **2016**, 370, 31-40	4.4	25

75	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
74	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
73	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
72	Inutero exposure to diisononyl phthalate caused testicular dysgenesis of rat fetal testis. *Toxicology Letters*, **2015**, 232, 466-74	4.4	61
71	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
70	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	2.6	41
69	Effects of Etomidate on the Steroidogenesis of Rat Immature Leydig Cells. *PLoS ONE*, **2015**, 10, e0139311	3.7	22
68	Metabolic Coupling Determines the Activity: Comparison of 11β-Hydroxysteroid Dehydrogenase 1 and Its Coupling between Liver Parenchymal Cells and Testicular Leydig Cells. *PLoS ONE*, **2015**, 10, e0141767	3.7	3
67	Zearalenone Inhibits Rat and Human 11β-Hydroxysteroid Dehydrogenase Type 2. *BioMed Research International*, **2015**, 2015, 283530	3	7
66	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
65	Determination of Caudatin in Rat Plasma by UPLC-MS/MS: Application to a Preclinical Pharmacokinetic Study. *Pharmacology*, **2015**, 96, 49-54	2.3	3
64	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
63	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
62	Environmental pollutants and hydroxysteroid dehydrogenases. *Vitamins and Hormones*, **2014**, 94, 349-90	2.5	30
61	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
60	Effects of curcumin on pain threshold and on the expression of nuclear factor κB and CX3C receptor 1 after sciatic nerve chronic constrictive injury in rats. *Chinese Journal of Integrative Medicine*, **2014**, 20, 850-6	2.9	17
59	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
58	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

57	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
56	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
55	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
54	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
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