Shiow-Chwen Tsai

List of Publications by Year
in descending order

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43	1,067	361413	414414
papers	citations	20 h-index	32 g-index

43	43	43	1345
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lactate and the effects of exercise on testosterone secretion: evidence for the involvement of a cAMP-mediated mechanism. Medicine and Science in Sports and Exercise, 1997, 29, 1048-1054.	0.4	75
2	GL331 inhibits HIF-1Î± expression in a lung cancer model. Biochemical and Biophysical Research Communications, 2003, 302, 95-100.	2.1	67
3	Potential ergogenic effects of l-arginine against oxidative and inflammatory stress induced by acute exercise in aging rats. Experimental Gerontology, 2008, 43, 571-577.	2.8	67
4	Hyperbaric oxygen induces VEGF expression through ERK, JNK and c-Jun/AP-1 activation in human umbilical vein endothelial cells. Journal of Biomedical Science, 2006, 13, 143-156.	7.0	64
5	Antisteroidogenic actions of hydrogen peroxide on rat leydig cells. Journal of Cellular Biochemistry, 2003, 90, 1276-1286.	2.6	60
6	Evodiamine inhibits in vitro angiogenesis: Implication for antitumorgenicity. Life Sciences, 2006, 78, 2234-2243.	4.3	47
7	L-Arginine attenuates xanthine oxidase and myeloperoxidase activities in hearts of rats during exhaustive exercise. British Journal of Nutrition, 2006, 95, 67-75.	2.3	46
8	Saikosaponin C induces endothelial cells growth, migration and capillary tube formation. Life Sciences, 2004, 76, 813-826.	4.3	44
9	Calcitonin inhibits testosterone and luteinizing hormone secretion through a mechanism involving an increase in camp production in rats. Journal of Bone and Mineral Research, 1994, 9, 1583-1590.	2.8	43
10	Inhibition of aldosterone production by testosterone in male rats. Metabolism: Clinical and Experimental, 1999, 48, 1108-1114.	3.4	41
11	Inhibition by amphetamine of testosterone secretion through a mechanism involving an increase of cyclic AMP production in rat testes. British Journal of Pharmacology, 1996, 118, 984-988.	5.4	35
12	Inhibitory effect of digoxin on testosterone secretion through mechanisms involving decreases of cyclic AMP production and cytochrome P450scc activity in rat testicular interstitial cells. British Journal of Pharmacology, 1998, 125, 1635-1640.	5.4	34
13	Efficacy of therapeutic play for pediatric brain tumor patients during external beam radiotherapy. Child's Nervous System, 2013, 29, 1123-1129.	1.1	33
14	Increased concentrations of atrial and plasma atrial natriuretic peptide in castrated male rats. Life Sciences, 1993, 52, 205-212.	4.3	31
15	The role of cyclic AMP production, calcium channel activation and enzyme activities in the inhibition of testosterone secretion by amphetamine. British Journal of Pharmacology, 1997, 122, 949-955.	5.4	31
16	Effects of evodiamine on the secretion of testosterone in rat testicular interstitial cells. Metabolism: Clinical and Experimental, 1999, 48, 1532-1535.	3.4	27
17	Inhibition of gastric emptying and intestinal transit by amphetamine through a mechanism involving an increased secretion of CCK in male rats. British Journal of Pharmacology, 1998, 124, 1123-1130.	5.4	25
18	Induction of Testicular Damage by Daily Methamphetamine Administration in Rats. Chinese Journal of Physiology, 2014, 57, 19-30.	1.0	25

#	Article	IF	Citations
19	Direct effects of prolactin on corticosterone release by zona fasciculata-reticularis cells from male rats. , 1999, 73, 563-572.		23
20	Regulation of testosterone secretion by prolactin in male rats. Journal of Cellular Biochemistry, 1999, 74, 111-118.	2.6	23
21	Regulation of thyroid hormones on the production of testosterone in rats. Journal of Cellular Biochemistry, 1999, 73, 554-562.	2.6	21
22	Chronic Methamphetamine Exposure Induces Cardiac Fas-Dependent and Mitochondria-Dependent Apoptosis. Cardiovascular Toxicology, 2014, 14, 134-144.	2.7	20
23	Acute effects of thyroid hormones on the production of adrenal cAMP and corticosterone in male rats. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E238-E245.	3.5	19
24	Effects of prolactin on aldosterone secretion in rat zona glomerulosa cells. , 1999, 72, 286-293.		19
25	Inhibitory effect of bufalin and cinobufagin on steroidogenesis via the activation of ERK in human adrenocortical cells. British Journal of Pharmacology, 2012, 165, 1868-1876.	5.4	16
26	Cardiac Fas-Dependent and Mitochondria-Dependent Apoptosis after Chronic Cocaine Abuse. International Journal of Molecular Sciences, 2014, 15, 5988-6001.	4.1	16
27	Effects of estradiol on aldosterone secretion in ovariectomized rats. Journal of Cellular Biochemistry, 1999, 73, 137-144.	2.6	15
28	Interrelationship between Thyroxine and Estradiol on the Secretion of Thyrotropin-Releasing Hormone and Dopamine into Hypophysial Portal Blood in Ovariectomized-Thyroidectomized Rats. Neuroendocrinology, 1994, 59, 202-207.	2.5	13
29	Effect of Aging on Erythropoietin Secretion in Male Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 1996, 51A, B434-B438.	3.6	12
30	Inhibition of salmon calcitonin on secretion of progesterone and GnRH-stimulated pituitary luteinizing hormone. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E49-E55.	3.5	12
31	Effects of methanol extract of chansu on hypothalamic-pituitary-testis function in rats. Metabolism: Clinical and Experimental, 1998, 47, 1211-1216.	3.4	11
32	Age-related differences in the secretion of calcitonin in male rats. Metabolism: Clinical and Experimental, 2000, 49, 253-258.	3.4	9
33	Role of Progesterone in Regulating the Effect of Estradiol on the Secretion of Thyrotropin-Releasing Hormone and Dopamine into Hypophysial Portal Blood in Ovariectomized Rats. Neuroendocrinology, 1995, 61, 536-541.	2.5	8
34	Effects of ovarian steroid hormones and thyroxine on calcitonin secretion in pregnant rats. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E246-E252.	3.5	8
35	Effects of hyperprolactinemia on calcitonin secretion in male rats. Metabolism: Clinical and Experimental, 1999, 48, 221-226.	3.4	7
36	Whole-life body composition trajectory and longevity: role of insulin. Aging, 2021, 13, 9719-9731.	3.1	6

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37	Effects of aging on erythropoietin secretion in female rats. Mechanisms of Ageing and Development, 1998, 103, 81-90.	4.6	5
38	Alterations with age of the T3-stimulated release of atrial natriuretic peptide and its effect on water and sodium metabolism in rats. Mechanisms of Ageing and Development, 1995, 85, 161-170.	4.6	2
39	Regulation of thyroid hormones on the production of testosterone in rats. Journal of Cellular Biochemistry, 1999, 73, 554-562.	2.6	2
40	Involvement of ERK Phosphorylation in the Prevention of Ischemia-Induced Ovarian Follicular Depletion by Stem Cells. Chinese Journal of Physiology, 2010, 53, 167-177.	1.0	2
41	Age-related differences in the secretion of calcitonin in female rats. American Journal of Physiology - Endocrinology and Metabolism, 1998, 275, E735-E739.	3.5	1
42	Amphetamine-Decreased Progesterone and Estradiol Release in Rat Granulosa Cells: The Regulatory Role of cAMP- and Ca2+-Mediated Signaling Pathways. Biomedicines, 2021, 9, 493.	3.2	1
43	Direct effects of prolactin on corticosterone release by zona fasciculataâ€reticularis cells from male rats. Journal of Cellular Biochemistry, 1999, 73, 563-572.	2.6	1