

Chen Chen

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254
papers

6,528
citations

43
h-index

66
g-index

270
ext. papers

7,680
ext. citations

4.9
avg, IF

5.86
L-index

#	Paper	IF	Citations
254	Acetate and propionate short chain fatty acids stimulate adipogenesis via GPCR43. <i>Endocrinology</i> , 2005 , 146, 5092-9	4.8	403
253	Drosophila odorant receptors are novel seven transmembrane domain proteins that can signal independently of heterotrimeric G proteins. <i>Insect Biochemistry and Molecular Biology</i> , 2008 , 38, 770-80	4.5	223
252	The role of ghrelin and growth hormone secretagogues receptor on rat adipogenesis. <i>Endocrinology</i> , 2003 , 144, 754-9	4.8	195
251	The key regulatory roles of the PI3K/Akt signaling pathway in the functionalities of mesenchymal stem cells and applications in tissue regeneration. <i>Tissue Engineering - Part B: Reviews</i> , 2013 , 19, 516-28	7.9	144
250	Development of a methodology for and assessment of pulsatile luteinizing hormone secretion in juvenile and adult male mice. <i>Endocrinology</i> , 2013 , 154, 4939-45	4.8	143
249	Reduction in voltage-gated K ⁺ currents in primary cultured rat pancreatic beta-cells by linoleic acids. <i>Endocrinology</i> , 2006 , 147, 674-82	4.8	105
248	Myristyl trimethyl ammonium bromide and octadecyl trimethyl ammonium bromide are surface-active small molecule dynamin inhibitors that block endocytosis mediated by dynamin I or dynamin II. <i>Molecular Pharmacology</i> , 2007 , 72, 1425-39	4.3	89
247	Development of a method for the determination of pulsatile growth hormone secretion in mice. <i>Endocrinology</i> , 2011 , 152, 3165-71	4.8	88
246	Ginsenoside Rg5 Ameliorates Cisplatin-Induced Nephrotoxicity in Mice through Inhibition of Inflammation, Oxidative Stress, and Apoptosis. <i>Nutrients</i> , 2016 , 8,	6.7	77
245	Ion channels and the signal transduction pathways in the regulation of growth hormone secretion. <i>Trends in Endocrinology and Metabolism</i> , 1994 , 5, 227-33	8.8	71
244	Applications of nanotechnology for melanoma treatment, diagnosis, and theranostics. <i>International Journal of Nanomedicine</i> , 2013 , 8, 2677-88	7.3	70
243	The role of Src in colon cancer and its therapeutic implications. <i>Clinical Colorectal Cancer</i> , 2014 , 13, 5-13	3.8	68
242	Endothelin induces a nonselective cation current in vascular smooth muscle cells. <i>Circulation Research</i> , 1991 , 69, 447-54	15.7	68
241	Contribution of adipocyte-derived factors to beta-cell dysfunction in diabetes. <i>International Journal of Biochemistry and Cell Biology</i> , 2006 , 38, 804-19	5.6	66
240	Neuroendocrine Regulation of Growth Hormone Secretion. <i>Comprehensive Physiology</i> , 2016 , 6, 687-735	7.7	65
239	G protein-coupled receptor 30 in tumor development. <i>Endocrine</i> , 2010 , 38, 29-37	4	64
238	DSCR1/RCAN1 regulates vesicle exocytosis and fusion pore kinetics: implications for Down syndrome and Alzheimer's disease. <i>Human Molecular Genetics</i> , 2008 , 17, 1020-30	5.6	62

237	Signal transduction systems employed by synthetic GH-releasing peptides in somatotrophs. <i>Journal of Endocrinology</i> , 1996 , 148, 381-6	4.7	62
236	Increased PD-L1 expression in breast and colon cancer stem cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 602-604	3	60
235	An Electrochemical Biosensor with Dual Signal Outputs: Toward Simultaneous Quantification of pH and O in the Brain upon Ischemia and in a Tumor during Cancer Starvation Therapy. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10471-10475	16.4	60
234	Protective effects of selenium on oxidative damage and oxidative stress related gene expression in rat liver under chronic poisoning of arsenic. <i>Food and Chemical Toxicology</i> , 2013 , 58, 1-7	4.7	60
233	GH-releasing peptides improve cardiac dysfunction and cachexia and suppress stress-related hormones and cardiomyocyte apoptosis in rats with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H1643-51	5.2	58
232	Determination of nitrofurans metabolites residues in aquatic products by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Food Chemistry</i> , 2016 , 192, 612-7	8.5	57
231	Genomic signatures of near-extinction and rebirth of the crested ibis and other endangered bird species. <i>Genome Biology</i> , 2014 , 15, 557	18.3	56
230	Histamine promotes excitability in bovine adrenal chromaffin cells by inhibiting an M-current. <i>Journal of Physiology</i> , 2002 , 540, 921-39	3.9	56
229	Two types of voltage-dependent calcium current in rat somatotrophs are reduced by somatostatin. <i>Journal of Physiology</i> , 1990 , 425, 29-42	3.9	56
228	Effects of ghrelin and synthetic GH secretagogues on the cardiovascular system. <i>Trends in Endocrinology and Metabolism</i> , 2006 , 17, 13-8	8.8	54
227	Amylin modulates beta-cell glucose sensing via effects on stimulus-secretion coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 9145-9	11.5	54
226	Maltol Mitigates Thioacetamide-induced Liver Fibrosis through TGF- β -mediated Activation of PI3K/Akt Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 1392-1401	5.7	52
225	Activation of PI3K/Akt/mTOR pathway and dual inhibitors of PI3K and mTOR in endometrial cancer. <i>Current Medicinal Chemistry</i> , 2014 , 21, 3070-80	4.3	51
224	Hexarelin protects rat cardiomyocytes from angiotensin II-induced apoptosis in vitro. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H1063-9	5.2	50
223	The effect of GH-releasing peptide-2 (GHRP-2 or KP 102) on GH secretion from primary cultured ovine pituitary cells can be abolished by a specific GH-releasing factor (GRF) receptor antagonist. <i>Journal of Endocrinology</i> , 1994 , 140, R9-13	4.7	50
222	Activation of sirtuin 1 attenuates cerebral ventricular streptozotocin-induced tau hyperphosphorylation and cognitive injuries in rat hippocampi. <i>Age</i> , 2014 , 36, 613-23		49
221	The protective effects of maltol on cisplatin-induced nephrotoxicity through the AMPK-mediated PI3K/Akt and p53 signaling pathways. <i>Scientific Reports</i> , 2018 , 8, 15922	4.9	49
220	3,4-Dihydroxyphenylacetic acid, a microbiota-derived metabolite of quercetin, protects against pancreatic β cells dysfunction induced by high cholesterol. <i>Experimental Cell Research</i> , 2015 , 334, 270-82	4.2	48

219	Alzheimer's disease and endocytic dysfunction: clues from the Down syndrome-related proteins, DSCR1 and ITSN1. <i>Ageing Research Reviews</i> , 2006 , 5, 388-401	12	48
218	Growth hormone secretagogue actions on the pituitary gland: multiple receptors for multiple ligands?. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000 , 27, 323-9	3	48
217	The effects of GH-releasing peptide-6 (GHRP-6) and GHRP-2 on intracellular adenosine 3',5'-cyclic monophosphate (cAMP) levels and GH secretion in ovine and rat somatotrophs. <i>Journal of Endocrinology</i> , 1996 , 148, 197-205	4.7	47
216	Molecular Mechanisms of Antipsychotic Drug-Induced Diabetes. <i>Frontiers in Neuroscience</i> , 2017 , 11, 643	5.1	47
215	A new insight of mechanisms, diagnosis and treatment of diabetic cardiomyopathy. <i>Endocrine</i> , 2012 , 41, 398-409	4	46
214	Visualisation of Kiss1 Neuron Distribution Using a Kiss1-CRE Transgenic Mouse. <i>Journal of Neuroendocrinology</i> , 2016 , 28,	3.8	46
213	Hexarelin suppresses high lipid diet and vitamin D3-induced atherosclerosis in the rat. <i>Peptides</i> , 2010 , 31, 630-8	3.8	45
212	Supplementation of American ginseng berry extract mitigated cisplatin-evoked nephrotoxicity by suppressing ROS-mediated activation of MAPK and NF- κ B signaling pathways. <i>Food and Chemical Toxicology</i> , 2017 , 110, 62-73	4.7	44
211	Functional modification of pituitary somatotropes in the aromatase knockout mouse and the effect of estrogen replacement. <i>Endocrinology</i> , 2004 , 145, 604-12	4.8	43
210	The in vitro effect of leptin on basal and growth hormone-releasing hormone-stimulated growth hormone secretion from the ovine pituitary gland. <i>Neuroendocrinology</i> , 1998 , 68, 361-4	5.6	42
209	Electrophysiological responses of rat pituitary cells in somatotroph-enriched primary culture to human growth-hormone releasing factor. <i>Neuroendocrinology</i> , 1989 , 50, 679-87	5.6	42
208	Somatostatin increases voltage-dependent potassium currents in rat somatotrophs. <i>American Journal of Physiology - Cell Physiology</i> , 1990 , 259, C854-61	5.4	42
207	Increased levels of IL-6, IL-1 β and TNF- α in Kashin-Beck disease and rats induced by T-2 toxin and selenium deficiency. <i>Rheumatology International</i> , 2014 , 34, 995-1004	3.6	41
206	Adiponectin increases insulin content and cell proliferation in MIN6 cells via PPAR α -dependent and PPAR β -independent mechanisms. <i>Diabetes, Obesity and Metabolism</i> , 2012 , 14, 983-9	6.7	41
205	Irregular rhythm adversely influences calcium handling in ventricular myocardium: implications for the interaction between heart failure and atrial fibrillation. <i>Circulation: Heart Failure</i> , 2012 , 5, 786-93	7.6	41
204	Orexin-A augments voltage-gated Ca ²⁺ currents and synergistically increases growth hormone (GH) secretion with GH-releasing hormone in primary cultured ovine somatotropes. <i>Endocrinology</i> , 2002 , 143, 4609-19	4.8	41
203	An excessive increase in glutamate contributes to glucose-toxicity in β cells via activation of pancreatic NMDA receptors in rodent diabetes. <i>Scientific Reports</i> , 2017 , 7, 44120	4.9	40
202	Voltage-dependent potassium currents in ovine somatotrophs and their function in growth hormone secretion. <i>Neuroendocrinology</i> , 1994 , 59, 1-9	5.6	40

201	Arginyl-fructosyl-glucose, a Major Maillard Reaction Product of Red Ginseng, Attenuates Cisplatin-Induced Acute Kidney Injury by Regulating Nuclear Factor κ B and Phosphatidylinositol 3-Kinase/Protein Kinase B Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 5754-5763	5.7	38
200	Assessment of lactotroph axis functionality in mice: longitudinal monitoring of PRL secretion by ultrasensitive-ELISA. <i>Endocrinology</i> , 2015 , 156, 1924-30	4.8	38
199	Silencing PD-1 and PD-L1 with nanoparticle-delivered small interfering RNA increases cytotoxicity of tumor-infiltrating lymphocytes. <i>Nanomedicine</i> , 2019 , 14, 955-967	5.6	37
198	Intermittent fasting attenuates increases in neurogenesis after ischemia and reperfusion and improves recovery. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 897-905	7.3	37
197	Ginsenoside Rb3 provides protective effects against cisplatin-induced nephrotoxicity via regulation of AMPK-/mTOR-mediated autophagy and inhibition of apoptosis in vitro and in vivo. <i>Cell Proliferation</i> , 2019 , 52, e12627	7.9	36
196	Oxidant damage in Kashin-Beck disease and a rat Kashin-Beck disease model by employing T-2 toxin treatment under selenium deficient conditions. <i>Journal of Orthopaedic Research</i> , 2012 , 30, 1229-37 ^{3.8}	3.8	36
195	Phosphatidylinositol 3-kinase signaling as a therapeutic target for cervical cancer. <i>Current Cancer Drug Targets</i> , 2013 , 13, 143-56	2.8	36
194	20(R)-ginsenoside Rg3, a rare saponin from red ginseng, ameliorates acetaminophen-induced hepatotoxicity by suppressing PI3K/AKT pathway-mediated inflammation and apoptosis. <i>International Immunopharmacology</i> , 2018 , 59, 21-30	5.8	35
193	Glucose-Responsive Nanosystem Mimicking the Physiological Insulin Secretion via an Enzyme-Polymer Layer-by-Layer Coating Strategy. <i>Chemistry of Materials</i> , 2017 , 29, 7725-7732	9.6	35
192	Acute stimulation of glucagon secretion by linoleic acid results from GPR40 activation and $[Ca^{2+}]_i$ increase in pancreatic islet α -cells. <i>Journal of Endocrinology</i> , 2011 , 210, 173-9	4.7	35
191	Icariin ameliorates cisplatin-induced cytotoxicity in human embryonic kidney 293 cells by suppressing ROS-mediated PI3K/Akt pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 2309-2317	7.5	35
190	Diverse intracellular signalling systems used by growth hormone-releasing hormone in regulating voltage-gated Ca^{2+} or K channels in pituitary somatotropes. <i>Immunology and Cell Biology</i> , 2000 , 78, 356-68	5.8	34
189	Purple potato (<i>Solanum tuberosum</i> L.) anthocyanins attenuate alcohol-induced hepatic injury by enhancing antioxidant defense. <i>Journal of Natural Medicines</i> , 2016 , 70, 45-53	3.3	33
188	The regulation of oxytocin receptor gene expression during adipogenesis. <i>Journal of Neuroendocrinology</i> , 2015 , 27, 335-42	3.8	33
187	NF- κ B and AMPK/PI3K/Akt signaling pathways are involved in the protective effects of Platycodon grandiflorum saponins against acetaminophen-induced acute hepatotoxicity in mice. <i>Phytotherapy Research</i> , 2018 , 32, 2235-2246	6.7	33
186	The role of protein kinase C in GH secretion induced by GH-releasing factor and GH-releasing peptides in cultured ovine somatotrophs. <i>Journal of Endocrinology</i> , 1997 , 154, 219-30	4.7	33
185	G(o)-2 protein mediates the reduction in Ca^{2+} currents by somatostatin in cultured ovine somatotrophs. <i>Journal of Physiology</i> , 1996 , 491 (Pt 1), 21-9	3.9	33
184	Sodium and calcium currents in action potentials of rat somatotrophs: their possible functions in growth hormone secretion. <i>Life Sciences</i> , 1990 , 46, 983-9	6.8	33

183	Maltol (3-Hydroxy-2-methyl-4-pyrone) Slows d-Galactose-Induced Brain Aging Process by Damping the Nrf2/HO-1-Mediated Oxidative Stress in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 10342-10351	5.7	31
182	Electrophysiological responses to somatostatin of rat hypophysial cells in somatotroph-enriched primary cultures. <i>Journal of Physiology</i> , 1989 , 408, 493-510	3.9	31
181	Saponins Ameliorate Cisplatin-Induced Acute Nephrotoxicity through the NF- κ -Mediated Inflammation and PI3K/Akt/Apoptosis Signaling Pathways. <i>Nutrients</i> , 2018 , 10,	6.7	31
180	Influence of short- and long-term treadmill exercises on levels of ghrelin, obestatin and NPY in plasma and brain extraction of obese rats. <i>Endocrine</i> , 2008 , 33, 77-83	4	30
179	Somatostatin increases voltage-gated K ⁺ currents in GH3 cells through activation of multiple somatostatin receptors. <i>Endocrinology</i> , 2005 , 146, 4975-84	4.8	30
178	Effects in vitro of new growth hormone releasing peptide (GHRP-1) on growth hormone secretion from ovine pituitary cells in primary culture. <i>Journal of Neuroendocrinology</i> , 1994 , 6, 185-90	3.8	30
177	Effects of GH secretagogues on contractility and Ca ²⁺ homeostasis of isolated adult rat ventricular myocytes. <i>Endocrinology</i> , 2010 , 151, 4446-54	4.8	29
176	TWEAK/Fn14 promotes apoptosis of human endometrial cancer cells via caspase pathway. <i>Cancer Letters</i> , 2010 , 294, 91-100	9.9	29
175	Nanotechnology in the management of cervical cancer. <i>Reviews in Medical Virology</i> , 2015 , 25 Suppl 1, 72-83	11.7	28
174	Angiotensin-converting enzyme 2 regulates mitochondrial function in pancreatic β cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 860-866	3.4	28
173	Growth hormone secretagogues protect mouse cardiomyocytes from in vitro ischemia/reperfusion injury through regulation of intracellular calcium. <i>PLoS ONE</i> , 2012 , 7, e35265	3.7	28
172	GH does not modulate the early fasting-induced release of free fatty acids in mice. <i>Endocrinology</i> , 2012 , 153, 273-82	4.8	27
171	Cholesterol induces mitochondrial dysfunction and apoptosis in mouse pancreatic beta-cell line MIN6 cells. <i>Endocrine</i> , 2010 , 37, 76-82	4	27
170	Facilitation of decidualization by locally produced ghrelin in the human endometrium. <i>Molecular Human Reproduction</i> , 2007 , 13, 483-9	4.4	27
169	Effects of growth hormone-releasing peptide-2 (GHRP-2) on membrane Ca ²⁺ permeability in cultured ovine somatotrophs. <i>Journal of Neuroendocrinology</i> , 1995 , 7, 179-86	3.8	27
168	Insulin Receptor Trafficking: Consequences for Insulin Sensitivity and Diabetes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
167	Chronic administration of hexarelin attenuates cardiac fibrosis in the spontaneously hypertensive rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 303, H703-11	5.2	26
166	An early reduction in GH peak amplitude in preproghrelin-deficient male mice has a minor impact on linear growth. <i>Endocrinology</i> , 2014 , 155, 3561-71	4.8	25

165	Increased adiposity and insulin correlates with the progressive suppression of pulsatile GH secretion during weight gain. <i>Journal of Endocrinology</i> , 2013 , 218, 233-44	4.7	25
164	Ghrelin and obestatin modulate growth hormone-releasing hormone release and synaptic inputs onto growth hormone-releasing hormone neurons. <i>European Journal of Neuroscience</i> , 2011 , 34, 732-44	3.5	25
163	Adiponectin regulate growth hormone secretion via adiponectin receptor mediated Ca(2+) signalling in rat somatotrophs in vitro. <i>Journal of Neuroendocrinology</i> , 2009 , 21, 698-704	3.8	25
162	Activation of ATP-sensitive potassium channels in rat pancreatic beta-cells by linoleic acid through both intracellular metabolites and membrane receptor signalling pathway. <i>Journal of Endocrinology</i> , 2008 , 198, 533-40	4.7	25
161	The critical roles of miR-21 in anti-cancer effects of curcumin. <i>Annals of Translational Medicine</i> , 2015 , 3, 330	3.2	25
160	Urine Proteome Specific for Eye Damage Can Predict Kidney Damage in Patients With Type 2 Diabetes: A Case-Control and a 5.3-Year Prospective Cohort Study. <i>Diabetes Care</i> , 2017 , 40, 253-260	14.6	24
159	Actions of NPY, and its Y1 and Y2 receptors on pulsatile growth hormone secretion during the fed and fasted state. <i>Journal of Neuroscience</i> , 2014 , 34, 16309-19	6.6	24
158	Angiotensin II exerts glucose-dependent effects on Kv currents in mouse pancreatic beta-cells via angiotensin II type 2 receptors. <i>American Journal of Physiology - Cell Physiology</i> , 2010 , 298, C313-23	5.4	24
157	The decline in pulsatile GH secretion throughout early adulthood in mice is exacerbated by dietary-induced weight gain. <i>Endocrinology</i> , 2012 , 153, 4380-8	4.8	24
156	Expression and in vitro functions of the ghrelin axis in endometrial cancer. <i>Hormones and Cancer</i> , 2010 , 1, 245-55	5	24
155	Modelling ischemia-reperfusion injury (IRI) using metabolically matured induced pluripotent stem cell-derived cardiomyocytes. <i>APL Bioengineering</i> , 2018 , 2, 026102	6.6	23
154	Human growth hormone releasing factor (hGRF) modulates calcium currents in human growth hormone secreting adenoma cells. <i>Brain Research</i> , 1993 , 604, 345-8	3.7	23
153	A Sustained Activation of Pancreatic NMDARs Is a Novel Factor of β Cell Apoptosis and Dysfunction. <i>Endocrinology</i> , 2017 , 158, 3900-3913	4.8	21
152	Enhancing PD-1 Gene Silence in T Lymphocytes by Comparing the Delivery Performance of Two Inorganic Nanoparticle Platforms. <i>Nanomaterials</i> , 2019 , 9,	5.4	21
151	Impairments to the GH-IGF-I axis in hSOD1G93A mice give insight into possible mechanisms of GH dysregulation in patients with amyotrophic lateral sclerosis. <i>Endocrinology</i> , 2012 , 153, 3735-46	4.8	20
150	Growth hormone secretagogues preserve the electrophysiological properties of mouse cardiomyocytes isolated from in vitro ischemia/reperfusion heart. <i>Endocrinology</i> , 2012 , 153, 5480-90	4.8	20
149	Involvement of tetrodotoxin-resistant Na ⁺ current and protein kinase C in the action of growth hormone (GH)-releasing hormone on primary cultured somatotrophs from GH-green fluorescent protein transgenic mice. <i>Endocrinology</i> , 2008 , 149, 4726-35	4.8	20
148	Inward membrane currents and electrophysiological responses to GnRH in ovine gonadotropes. <i>Neuroendocrinology</i> , 1995 , 61, 609-21	5.6	20

147	The role of CYP3A4 in the biotransformation of bile acids and therapeutic implication for cholestasis. <i>Annals of Translational Medicine</i> , 2014 , 2, 7	3.2	20
146	Growth hormone secretion is correlated with neuromuscular innervation rather than motor neuron number in early-symptomatic male amyotrophic lateral sclerosis mice. <i>Endocrinology</i> , 2013 , 154, 4695-706	4.8	19
145	Somatostatin decreases voltage-gated Ca ²⁺ currents in GH3 cells through activation of somatostatin receptor 2. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E1863-70	6	19
144	Effect of GHRH and GHRP-2 treatment in vitro on GH secretion and levels of GH, pituitary transcription factor-1, GHRH-receptor, GH-secretagogue-receptor and somatostatin receptor mRNAs in ovine pituitary cells. <i>European Journal of Endocrinology</i> , 2004 , 150, 235-42	6.5	19
143	Insulin and Growth Hormone Balance: Implications for Obesity. <i>Trends in Endocrinology and Metabolism</i> , 2020 , 31, 642-654	8.8	18
142	Effect of Deletion of Ghrelin-O-Acyltransferase on the Pulsatile Release of Growth Hormone in Mice. <i>Journal of Neuroendocrinology</i> , 2015 , 27, 872-86	3.8	18
141	Human GHRH reduces voltage-gated K ⁺ currents via a non-cAMP-dependent but PKC-mediated pathway in human GH adenoma cells. <i>Journal of Physiology</i> , 1999 , 520 Pt 3, 697-707	3.9	18
140	Increased Chondrocyte Apoptosis in Kashin-Beck Disease and Rats Induced by T-2 Toxin and Selenium Deficiency. <i>Biomedical and Environmental Sciences</i> , 2017 , 30, 351-362	1.1	18
139	Ginsenoside Rb1, A Major Saponin from , Exerts Protective Effects Against Acetaminophen-Induced Hepatotoxicity in Mice. <i>The American Journal of Chinese Medicine</i> , 2019 , 47, 1815-1831	6	18
138	Platycodin D protects acetaminophen-induced hepatotoxicity by inhibiting hepatocyte MAPK pathway and apoptosis in C57BL/6J mice. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 107, 867-877	7.5	18
137	Long-term exposure of INS-1 rat insulinoma cells to linoleic acid and glucose in vitro affects cell viability and function through mitochondrial-mediated pathways. <i>Endocrine</i> , 2011 , 39, 128-38	4	17
136	Hexarelin suppresses cardiac fibroblast proliferation and collagen synthesis in rat. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H2952-8	5.2	17
135	The positive inotropic and calcium-mobilizing effects of growth hormone-releasing peptides on rat heart. <i>Endocrinology</i> , 2003 , 144, 5050-7	4.8	17
134	Ghrelin reduces voltage-gated potassium currents in GH3 cells via cyclic GMP pathways. <i>Endocrine</i> , 2005 , 28, 217-24		17
133	The in vitro effect of leptin on growth hormone secretion from primary cultured ovine somatotrophs. <i>Endocrine</i> , 2001 , 14, 73-8		17
132	Orexin-B augments voltage-gated L-type Ca ²⁺ current via protein kinase C-mediated signalling pathway in ovine somatotropes. <i>Neuroendocrinology</i> , 2003 , 77, 141-52	5.6	17
131	Dietary Mangostin Provides Protective Effects against Acetaminophen-Induced Hepatotoxicity in Mice via Akt/mTOR-Mediated Inhibition of Autophagy and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	16
130	Modulation of Ca ²⁺ influx in the ovine somatotroph by growth hormone-releasing factor. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1995 , 268, E204-12	6	16

129	Exploration of the role of anti-Mullerian hormone and LH/FSH ratio in diagnosis of polycystic ovary syndrome. <i>Clinical Endocrinology</i> , 2019 , 90, 579-585	3.4	16
128	From Hyper- to Hypoinsulinemia and Diabetes: Effect of KCNH6 on Insulin Secretion. <i>Cell Reports</i> , 2018 , 25, 3800-3810.e6	10.6	16
127	Isolation of contractile cardiomyocytes from human pluripotent stem-cell-derived cardiomyogenic cultures using a human NCX1-EGFP reporter. <i>Stem Cells and Development</i> , 2015 , 24, 11-20	4.4	15
126	Gegen Qinlian Decoction abates nonalcoholic steatohepatitis associated liver injuries via anti-oxidative stress and anti-inflammatory response involved inhibition of toll-like receptor 4 signaling pathways. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 126, 110076	7.5	15
125	Growth hormone-releasing peptide-2 reduces inward rectifying K ⁺ currents via a PKA-cAMP-mediated signalling pathway in ovine somatotropes. <i>Journal of Physiology</i> , 2002 , 545, 421-333 ^{3.9}		15
124	PRMT1 promotes glucose toxicity-induced cell dysfunction by regulating the nucleo-cytoplasmic trafficking of PDX-1 in a FOXO1-dependent manner in INS-1 cells. <i>Endocrine</i> , 2015 , 49, 669-82	4	14
123	Hyperphagia in male melanocortin 4 receptor deficient mice promotes growth independently of growth hormone. <i>Journal of Physiology</i> , 2016 , 594, 7309-7326	3.9	14
122	Long-term in vitro treatment of INS-1 rat pancreatic cells by unsaturated free fatty acids protects cells against gluco- and lipotoxicities via activation of GPR40 receptors. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 423-8	3	14
121	Obesity and melanoma: exploring molecular links. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 1955-61	4.7	14
120	Hypothalamic distribution of somatostatin mRNA expressing neurones relative to pubertal and adult changes in pulsatile growth hormone secretion in mice. <i>Journal of Neuroendocrinology</i> , 2013 , 25, 910-9	3.8	14
119	Low TWEAK expression is correlated to the progression of squamous cervical carcinoma. <i>Gynecologic Oncology</i> , 2011 , 123, 123-8	4.9	14
118	The in vitro regulation of growth hormone secretion by orexins. <i>Endocrine</i> , 2003 , 22, 57-66		14
117	Estrogen transiently increases delayed rectifier, voltage-dependent potassium currents in ovine gonadotropes. <i>Neuroendocrinology</i> , 1999 , 69, 254-60	5.6	14
116	Improved protective effects of American ginseng berry against acetaminophen-induced liver toxicity through TNF-mediated caspase-3/-8/-9 signaling pathways. <i>Phytomedicine</i> , 2018 , 51, 128-138	6.5	14
115	Rising maternal circulating GH during murine pregnancy suggests placental regulation. <i>Endocrine Connections</i> , 2017 , 6, 260-266	3.5	13
114	Knocking down Insulin Receptor in Pancreatic Beta Cell lines with Lentiviral-Small Hairpin RNA Reduces Glucose-Stimulated Insulin Secretion via Decreasing the Gene Expression of Insulin, GLUT2 and Pdx1. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	13
113	Silencing of ghrelin receptor expression inhibits endometrial cancer cell growth in vitro and in vivo. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E305-13	6	13
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