

Christopher Cheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1902492/publications.pdf>

Version: 2024-02-01

222
papers

17,330
citations

26630
56
h-index

15266
126
g-index

223
all docs

223
docs citations

223
times ranked

29914
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Immunomodulatory and anti-SARS activities of <i>Houttuynia cordata</i> . <i>Journal of Ethnopharmacology</i> , 2008, 118, 79-85.	4.1	263
4	Efficient targeted gene disruption in <i>Xenopus</i> embryos using engineered transcription activator-like effector nucleases (TALENs). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17484-17489.	7.1	236
5	Ginsenoside Re of <i>Panax ginseng</i> possesses significant antioxidant and antihyperlipidemic efficacies in streptozotocin-induced diabetic rats. <i>European Journal of Pharmacology</i> , 2006, 550, 173-179.	3.5	234
6	Bufoalin induces autophagy-mediated cell death in human colon cancer cells through reactive oxygen species generation and JNK activation. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1365-1375.	2.9	220
7	Inhibition of xanthine oxidase by some Chinese medicinal plants used to treat gout. <i>Journal of Ethnopharmacology</i> , 2000, 73, 199-207.	4.1	210
8	Synthesis of Biocompatible, Mesoporous Fe ₃ O ₄ Nano/Microspheres with Large Surface Area for Magnetic Resonance Imaging and Therapeutic Applications. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 237-244.	8.0	197
9	Structural and functional multiplicity of the kisspeptin/GPR54 system in goldfish (<i>Carassius auratus</i>). <i>Journal of Endocrinology</i> , 2009, 201, 407-418.	2.6	183
10	The kiss/kissr Systems Are Dispensable for Zebrafish Reproduction: Evidence From Gene Knockout Studies. <i>Endocrinology</i> , 2015, 156, 589-599.	2.8	153
11	Identification and functional characterization of two alternatively spliced growth hormone secretagogue receptor transcripts from the pituitary of black seabream <i>Acanthopagrus schlegelii</i> . <i>Molecular and Cellular Endocrinology</i> , 2004, 214, 81-95.	3.2	152
12	The co-existence of two growth hormone receptors in teleost fish and their differential signal transduction, tissue distribution and hormonal regulation of expression in seabream. <i>Journal of Molecular Endocrinology</i> , 2006, 36, 23-40.	2.5	151
13	Structural diversity of the gnih/gnih receptor system in teleost: Its involvement in early development and the negative control of LH release. <i>Peptides</i> , 2010, 31, 1034-1043.	2.4	145
14	Genome editing reveals dmrt1 as an essential male sex-determining gene in Chinese tongue sole (<i>Cynoglossus semilaevis</i>). <i>Scientific Reports</i> , 2017, 7, 42213.	3.3	144
15	The truncated ghrelin receptor polypeptide (GHS-R1b) acts as a dominant-negative mutant of the ghrelin receptor. <i>Cellular Signalling</i> , 2007, 19, 1011-1022.	3.6	142
16	Quantification of common carp (<i>Cyprinus carpio</i>) IGF-I and IGF-II mRNA by real-time PCR: differential regulation of expression by GH. <i>Journal of Endocrinology</i> , 2003, 178, 513-521.	2.6	141
17	Discovery of a gonad-specific IGF subtype in teleost. <i>Biochemical and Biophysical Research Communications</i> , 2008, 367, 336-341.	2.1	136
18	Inhibition of xanthine oxidase by liquiritigenin and isoliquiritigenin isolated from <i>Sinofranchetia chinensis</i> . <i>Cellular and Molecular Life Sciences</i> , 2000, 57, 500-505.	5.4	126

#	ARTICLE	IF	CITATIONS
19	Ultrasound, pH, and Magnetically Responsive Crown-Ether-Coated Core/Shell Nanoparticles as Drug Encapsulation and Release Systems. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 1566-1574.	8.0	122
20	pH-Controllable Supramolecular Systems. <i>Chemistry - an Asian Journal</i> , 2009, 4, 364-381.	3.3	119
21	Gonadotropin Signaling in Zebrafish Ovary and Testis Development: Insights From Gene Knockout Study. <i>Molecular Endocrinology</i> , 2015, 29, 1743-1758.	3.7	113
22	The Dual Actions of Morin (3,5,7,2,4-Pentahydroxyflavone) as a Hypouricemic Agent: Uricosuric Effect and Xanthine Oxidase Inhibitory Activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 316, 169-175.	2.5	105
23	IGFs Mediate the Action of LH on Oocyte Maturation in Zebrafish. <i>Molecular Endocrinology</i> , 2015, 29, 373-383.	3.7	105
24	Targeted Gene Disruption in Zebrafish Reveals Noncanonical Functions of LH Signaling in Reproduction. <i>Molecular Endocrinology</i> , 2014, 28, 1785-1795.	3.7	103
25	Oncoproteomics: current trends and future perspectives. <i>Expert Review of Proteomics</i> , 2007, 4, 401-410.	3.0	101
26	Monoamine Oxidase Inhibitors from Rhizoma of <i>Coptis chinensis</i> . <i>Planta Medica</i> , 2001, 67, 74-76.	1.3	98
27	Molecular Identification of the Kiss2/Kiss1ra System and Its Potential Function During 17 α -Methyltestosterone-Induced Sex Reversal in the Orange-Spotted Grouper, <i>Epinephelus coioides</i> . <i>Biology of Reproduction</i> , 2010, 83, 63-74.	2.7	96
28	Inhibition of MAO A and B by some plant-derived alkaloids, phenols and anthraquinones. <i>Journal of Ethnopharmacology</i> , 2004, 91, 351-355.	4.1	95
29	Andrographolide Up-Regulates Cellular-Reduced Glutathione Level and Protects Cardiomyocytes against Hypoxia/Reoxygenation Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 325, 226-235.	2.5	95
30	Antioxidant activity of compounds from the medicinal herb <i>Aster tataricus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2003, 136, 109-115.	2.6	94
31	Cellular uptake behaviour, photothermal therapy performance, and cytotoxicity of gold nanorods with various coatings. <i>Nanoscale</i> , 2014, 6, 11462-11472.	5.6	92
32	Inhibition of intestinal and renal Na ⁺ -glucose cotransporter by naringenin. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 985-995.	2.8	88
33	Molecular cloning of a teleost growth hormone receptor and its functional interaction with human growth hormone. <i>Gene</i> , 2001, 270, 121-129.	2.2	87
34	Molecular cloning of doublesex and mab-3-related transcription factor 1, forkhead transcription factor gene 2, and two types of cytochrome P450 aromatase in Southern catfish and their possible roles in sex differentiation. <i>Journal of Endocrinology</i> , 2007, 194, 223-241.	2.6	86
35	A Small-Molecule Modulator of the Tumor-Suppressor miR34a Inhibits the Growth of Hepatocellular Carcinoma. <i>Cancer Research</i> , 2014, 74, 6236-6247.	0.9	86
36	Behavioral and biochemical studies on chronic mild stress models in rats treated with a Chinese traditional prescription Banxia-houpu decoction. <i>Life Sciences</i> , 2003, 74, 55-73.	4.3	85

#	ARTICLE	IF	CITATIONS
37	Baicalein protects rat cardiomyocytes from hypoxia/reoxygenation damage via a prooxidant mechanism. <i>Cardiovascular Research</i> , 2005, 65, 244-253.	3.8	85
38	A novel neuropeptide in suppressing luteinizing hormone release in goldfish, <i>Carassius auratus</i> . <i>Molecular and Cellular Endocrinology</i> , 2013, 374, 65-72.	3.2	83
39	Proteomic identification of molecular targets of gambogic acid: Role of stathmin in hepatocellular carcinoma. <i>Proteomics</i> , 2009, 9, 242-253.	2.2	81
40	Enhanced cellular uptake of aminosilane-coated superparamagnetic iron oxide nanoparticles in mammalian cell lines. <i>International Journal of Nanomedicine</i> , 2012, 7, 953.	6.7	81
41	Identification of a Membrane Estrogen Receptor in Zebrafish with Homology to Mammalian GPER and Its High Expression in Early Germ Cells of the Testis1. <i>Biology of Reproduction</i> , 2009, 80, 1253-1261.	2.7	80
42	The truncated ghrelin receptor polypeptide (GHS-R1b) is localized in the endoplasmic reticulum where it forms heterodimers with ghrelin receptors (GHS-R1a) to attenuate their cell surface expression. <i>Molecular and Cellular Endocrinology</i> , 2012, 348, 247-254.	3.2	80
43	Brucein D induces apoptosis in pancreatic adenocarcinoma cell line PANC-1 through the activation of p38-mitogen activated protein kinase. <i>Cancer Letters</i> , 2009, 281, 42-52.	7.2	73
44	Insulin-Like Growth Factor 3 Is Involved in Oocyte Maturation in Zebrafish1. <i>Biology of Reproduction</i> , 2011, 84, 476-486.	2.7	73
45	Folate-conjugated Fe ₃ O ₄ @SiO ₂ @gold nanorods@mesoporous SiO ₂ hybrid nanomaterial: a theranostic agent for magnetic resonance imaging and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2013, 1, 2934.	5.8	72
46	Silencing of EEF2K (eukaryotic elongation factor-2 kinase) reveals AMPK-ULK1-dependent autophagy in colon cancer cells. <i>Autophagy</i> , 2014, 10, 1495-1508.	9.1	71
47	Seabream growth hormone receptor: molecular cloning and functional studies of the full-length cDNA, and tissue expression of two alternatively spliced forms. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2003, 1625, 64-76.	2.4	68
48	Diarylheptanoids and a Monoterpenoid from the Rhizomes of <i>Zingiber officinale</i> : Antioxidant and Cytoprotective Properties. <i>Journal of Natural Products</i> , 2008, 71, 12-17.	3.0	67
49	Hollow superparamagnetic iron oxide nanoshells as a hydrophobic anticancer drug carrier: intracellular pH-dependent drug release and enhanced cytotoxicity. <i>Nanoscale</i> , 2012, 4, 5744.	5.6	65
50	Genetic Evidence for Multifactorial Control of the Reproductive Axis in Zebrafish. <i>Endocrinology</i> , 2017, 158, 604-611.	2.8	62
51	PCR-cloning and gene expression studies in common carp (<i>Cyprinus carpio</i>) insulin-like growth factor-II. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2002, 1575, 63-74.	2.4	61
52	Administration of Procyanidins from Grape Seeds Reduces Serum Uric Acid Levels and Decreases Hepatic Xanthine Dehydrogenase/Oxidase Activities in Oxonate-Treated Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004, 94, 232-237.	2.5	61
53	Spexin Suppress Food Intake in Zebrafish: Evidence from Gene Knockout Study. <i>Scientific Reports</i> , 2017, 7, 14643.	3.3	61
54	The role of the pancreatic renin-angiotensin system in acinar digestive enzyme secretion and in acute pancreatitis. <i>Regulatory Peptides</i> , 2004, 119, 213-219.	1.9	60

#	ARTICLE	IF	CITATIONS
55	Insulin-Like Growth Factor 3 Regulates Expression of Genes Encoding Steroidogenic Enzymes and Key Transcription Factors in the Nile Tilapia Gonad1. <i>Biology of Reproduction</i> , 2012, 86, 163, 1-10.	2.7	60
56	Effects of food deprivation on expression of growth hormone receptor and proximate composition in liver of black seabream <i>Acanthopagrus schlegeli</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 137, 421-432.	1.6	59
57	Molecular cloning and expression studies of a prolactin receptor in goldfish (<i>Carassius auratus</i>). <i>Life Sciences</i> , 2000, 66, 593-605.	4.3	58
58	Inheritable and Precise Large Genomic Deletions of Non-Coding RNA Genes in Zebrafish Using TALENs. <i>PLoS ONE</i> , 2013, 8, e76387.	2.5	57
59	Discrete Functional Gold Nanoparticles: Hydrogen Bond-Assisted Synthesis, Magnetic Purification, Supramolecular Dimer and Trimer Formation. <i>ACS Nano</i> , 2009, 3, 2129-2138.	14.6	56
60	Discovery of a Novel Prolactin in Non-Mammalian Vertebrates: Evolutionary Perspectives and Its Involvement in Teleost Retina Development. <i>PLoS ONE</i> , 2009, 4, e6163.	2.5	54
61	Seabream ghrelin: cDNA cloning, genomic organization and promoter studies. <i>Journal of Endocrinology</i> , 2006, 189, 365-379.	2.6	53
62	Isorhynchophylline improves learning and memory impairments induced by D-galactose in mice. <i>Neurochemistry International</i> , 2014, 76, 42-49.	3.8	53
63	Glycosides and xanthine oxidase inhibitors from <i>Conyza bonariensis</i> . <i>Phytochemistry</i> , 2001, 58, 645-651.	2.9	52
64	Redox changes precede the occurrence of oxidative stress in eyes and aorta, but not in kidneys of diabetic rats. <i>Life Sciences</i> , 2003, 73, 2557-2570.	4.3	52
65	A highly effective TALEN-mediated approach for targeted gene disruption in <i>Xenopus tropicalis</i> and zebrafish. <i>Methods</i> , 2014, 69, 58-66.	3.8	52
66	Inhibition of Xanthine and Monoamine Oxidases by Stilbenoids from <i>Veratrum taliense</i> . <i>Planta Medica</i> , 2001, 67, 158-161.	1.3	51
67	Photocytotoxicity and Magnetic Relaxivity Responses of Dual-Porous $\text{Fe}_2\text{O}_3@ \text{meso-SiO}_2$ Microspheres. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2033-2040.	8.0	51
68	Glucose-regulated Protein 78 Is an Intracellular Antiviral Factor against Hepatitis B Virus. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2582-2594.	3.8	49
69	Gene knockout of nuclear progesterone receptor provides insights into the regulation of ovulation by LH signaling in zebrafish. <i>Scientific Reports</i> , 2016, 6, 28545.	3.3	49
70	Cells of the anterior pituitary. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 1441-1449.	2.8	48
71	Altered expression of serum protein in ginsenoside Re-treated diabetic rats detected by SELDI-TOF MS. <i>Journal of Ethnopharmacology</i> , 2006, 108, 272-279.	4.1	47
72	Antioxidant Actions of Phenolic Compounds Found in Dietary Plants on Low-Density Lipoprotein and Erythrocytes in Vitro. <i>Journal of the American College of Nutrition</i> , 2007, 26, 233-242.	1.8	47

#	ARTICLE	IF	CITATIONS
73	In vivo Chemoembolization and Magnetic Resonance Imaging of Liver Tumors by Using Iron Oxide Nanoshell/Doxorubicin/Poly(vinyl alcohol) Hybrid Composites. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4812-4815.	13.8	47
74	LH signaling induced p75 ^{NTR} expression is required for ovulation in zebrafish. <i>Molecular and Cellular Endocrinology</i> , 2017, 447, 125-133.	3.2	47
75	Celastrol-induced apoptosis in human HaCaT keratinocytes involves the inhibition of NF- κ B activity. <i>European Journal of Pharmacology</i> , 2011, 670, 399-408.	3.5	45
76	Fertility impairment with defective spermatogenesis and steroidogenesis in male zebrafish lacking androgen receptor. <i>Biology of Reproduction</i> , 2018, 98, 227-238.	2.7	45
77	The evolution of tachykinin/tachykinin receptor (TAC/TACR) in vertebrates and molecular identification of the TAC3/TACR3 system in zebrafish (<i>Danio rerio</i>). <i>Molecular and Cellular Endocrinology</i> , 2012, 361, 202-212.	3.2	44
78	Morin (3,5,7,8-tetrahydroxyflavone) Exhibits Potent Inhibitory Actions on Urate Transport by the Human Urate Anion Transporter (hURAT1) Expressed in Human Embryonic Kidney Cells. <i>Drug Metabolism and Disposition</i> , 2007, 35, 981-986.	3.3	42
79	Over-expression of the truncated ghrelin receptor polypeptide attenuates the constitutive activation of phosphatidylinositol-specific phospholipase C by ghrelin receptors but has no effect on ghrelin-stimulated extracellular signal-regulated kinase 1/2 activity. <i>International Journal of Biochemistry and Cell Biology</i> , 2007, 39, 752-764.	2.8	42
80	Aesculin Possesses Potent Hypouricemic Action in Rodents but is Devoid of Xanthine Oxidase/Dehydrogenase Inhibitory Activity. <i>Planta Medica</i> , 2002, 68, 175-178.	1.3	41
81	Differential expression of proteins in kidney, eye, aorta, and serum of diabetic and non-diabetic rats. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 256-268.	2.6	41
82	Activation of PTEN by inhibition of TRPV4 suppresses colon cancer development. <i>Cell Death and Disease</i> , 2019, 10, 460.	6.3	41
83	Stat3 Inhibition Attenuates Mechanical Allodynia through Transcriptional Regulation of Chemokine Expression in Spinal Astrocytes. <i>PLoS ONE</i> , 2013, 8, e75804.	2.5	41
84	Signal transduction mechanism of the seabream growth hormone secretagogue receptor. <i>FEBS Letters</i> , 2004, 577, 147-153.	2.8	40
85	Leukocyte DNA Damage and Wound Infection after Nitrous Oxide Administration. <i>Anesthesiology</i> , 2013, 118, 1322-1331.	2.5	40
86	Rapid antagonistic actions of noradrenaline and insulin on rat adipocyte phosphatidate phosphohydrolase activity. <i>FEBS Letters</i> , 1978, 93, 120-124.	2.8	37
87	Enantiospecific Synthesis of Pseudoacarcviosin as a Potential Antidiabetic Agent. <i>Organic Letters</i> , 2008, 10, 3145-3148.	4.6	37
88	A study on the functional interaction between the GH/PRL family of polypeptides with their receptors in zebrafish: Evidence against GHR1 being the receptor for somatolactin. <i>Molecular and Cellular Endocrinology</i> , 2011, 337, 114-121.	3.2	37
89	Regulation of the two kiss promoters in goldfish (<i>Carassius auratus</i>) by estrogen via different ER α pathways. <i>Molecular and Cellular Endocrinology</i> , 2013, 375, 130-139.	3.2	37
90	ER α and STAT5a cross-talk: interaction through C-terminal portions of the proteins decreases STAT5a phosphorylation, nuclear translocation and DNA-binding. <i>FEBS Letters</i> , 2004, 572, 238-244.	2.8	36

#	ARTICLE	IF	CITATIONS
91	Subcellular distribution and some properties of N-ethylmaleimide-sensitive and-insensitive forms of glycerol phosphate acyltransferase in rat adipocytes. <i>Biochemical Journal</i> , 1980, 190, 183-189.	3.7	35
92	The highly overlapping actions of Lh signaling and Fsh signaling on zebrafish spermatogenesis. <i>Journal of Endocrinology</i> , 2017, 234, 233-246.	2.6	35
93	G-protein-coupled estrogen receptor 1 is involved in brain development during zebrafish (<i>Danio rerio</i>) embryogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 21-27.	2.1	34
94	Common carp insulin-like growth factor-I gene: complete nucleotide sequence and functional characterization of the 5' flanking region. <i>Gene</i> , 2003, 322, 145-156.	2.2	33
95	Calcyclin binding protein promotes DNA synthesis and differentiation in rat neonatal cardiomyocytes. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 555-566.	2.6	33
96	Inhibition of ATPases by <i>Cleistocalyx operculatus</i> . <i>Vascular Pharmacology</i> , 2002, 38, 163-168.	2.1	32
97	The presence of two distinct prolactin receptors in seabream with different tissue distribution patterns, signal transduction pathways and regulation of gene expression by steroid hormones. <i>Journal of Endocrinology</i> , 2007, 194, 373-392.	2.6	32
98	Steroidal Alkaloids and Stilbenoids from <i>Veratrum taliense</i> . <i>Planta Medica</i> , 1999, 65, 480-482.	1.3	31
99	Arsenic Trioxide, Arsenic Pentoxide, and Arsenic Iodide Inhibit Human Keratinocyte Proliferation through the Induction of Apoptosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 326, 388-394.	2.5	31
100	Type III-B rotaxane dendrimers. <i>Chemical Communications</i> , 2013, 49, 10781.	4.1	31
101	Eudesmane Derivatives and Other Sesquiterpenes from <i>Laggera alata</i> . <i>Journal of Natural Products</i> , 2003, 66, 1078-1081.	3.0	30
102	Danshen prevents the occurrence of oxidative stress in the eye and aorta of diabetic rats without affecting the hyperglycemic state. <i>Journal of Ethnopharmacology</i> , 2006, 106, 136-141.	4.1	30
103	Cardiac glycosides block cancer growth through HIF-1 α - and NF- κ B-mediated Plk1. <i>Carcinogenesis</i> , 2013, 34, 1870-1880.	2.8	30
104	Bufalin, a Traditional Chinese Medicine Compound, Prevents Tumor Formation in Two Murine Models of Colorectal Cancer. <i>Cancer Prevention Research</i> , 2019, 12, 653-666.	1.5	30
105	Rapid effects of noradrenaline on Mg ²⁺ -dependent phosphatidate phosphohydrolase activity in rat adipocytes. <i>FEBS Letters</i> , 1978, 87, 65-68.	2.8	29
106	Facile, Efficient, and Enantiospecific Syntheses of 1,1'-N-Linked Pseudodisaccharides as a New Class of Glycosidase Inhibitors. <i>Journal of the American Chemical Society</i> , 2004, 126, 15990-15992.	13.7	29
107	Raloxifene protects endothelial cell function against oxidative stress. <i>British Journal of Pharmacology</i> , 2008, 155, 326-334.	5.4	29
108	Ginsenosides attenuate methylglyoxal-induced impairment of insulin signaling and subsequent apoptosis in primary astrocytes. <i>Neuropharmacology</i> , 2014, 85, 215-223.	4.1	29

#	ARTICLE	IF	CITATIONS
109	Eudesmane and megastigmane glucosides from <i>Laggera alata</i> . <i>Phytochemistry</i> , 2003, 63, 835-839.	2.9	28
110	First purification of the antiquitin protein and demonstration of its enzymatic activity. <i>FEBS Letters</i> , 2002, 516, 183-186.	2.8	27
111	Temporal and spatial expression of the four Igf ligands and two Igf type 1 receptors in zebrafish during early embryonic development. <i>Gene Expression Patterns</i> , 2014, 15, 104-111.	0.8	27
112	Biological and Magnetic Contrast Evaluation of Shape-Selective Mn ²⁺ /Fe Nanowires. <i>IEEE Transactions on Nanobioscience</i> , 2009, 8, 192-198.	3.3	26
113	Up-regulation of Cathepsin G in the Development of Chronic Postsurgical Pain. <i>Anesthesiology</i> , 2015, 123, 838-850.	2.5	26
114	Targeted Genotyping Identifies Susceptibility Locus in Brain-derived Neurotrophic Factor Gene for Chronic Postsurgical Pain. <i>Anesthesiology</i> , 2018, 128, 587-597.	2.5	26
115	The Ghrelin System in Acinar Cells. <i>Pancreas</i> , 2007, 35, e1-e8.	1.1	25
116	Real-time evaluation of human secretin receptor activity using cytosensor microphysiometry. <i>Journal of Cellular Biochemistry</i> , 1999, 72, 517-527.	2.6	24
117	New Guaianolides and Xanthine Oxidase Inhibitory Flavonols from <i>Ajania fruticulosa</i> . <i>Journal of Natural Products</i> , 1999, 62, 1053-1055.	3.0	24
118	Alterations in antioxidant enzyme activities in the eyes, aorta and kidneys of diabetic rats relevant to the onset of oxidative stress. <i>Life Sciences</i> , 2005, 77, 721-734.	4.3	24
119	Fusion core structure of the severe acute respiratory syndrome coronavirus (SARS-CoV): In search of potent SARS-CoV entry inhibitors. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 2335-2347.	2.6	24
120	Isomeric Eremophilane Lactones from <i>Senecio tsoongianus</i> . <i>Chemistry and Biodiversity</i> , 2004, 1, 1546-1559.	2.1	22
121	The constitutive activity of the ghrelin receptor attenuates apoptosis via a protein kinase C-dependent pathway. <i>Molecular and Cellular Endocrinology</i> , 2009, 299, 232-239.	3.2	22
122	A prospective cohort study comparing early opioid requirement between Chinese from Hong Kong and Caucasian Australians after major abdominal surgery. <i>British Journal of Anaesthesia</i> , 2012, 109, 797-803.	3.4	22
123	Enhanced cellular uptake and gene delivery of glioblastoma with deferoxamine-coated nanoparticle/plasmid DNA/branched polyethylenimine composites. <i>Chemical Communications</i> , 2013, 49, 549-551.	4.1	22
124	Xanthine Oxidase Inhibitors from <i>Brandisia hancei</i> . <i>Planta Medica</i> , 1999, 65, 744-746.	1.3	21
125	Disrupting actions of bisphenol A and malachite green on growth hormone receptor gene expression and signal transduction in seabream. <i>Fish Physiology and Biochemistry</i> , 2010, 36, 251-261.	2.3	21
126	Two contiguous thrombin fragments of human somatotropin form a functionally active recombinant, but the two homologous fragments from sheep hormone do not. <i>Biochemistry</i> , 1981, 20, 7251-7258.	2.5	19

#	ARTICLE	IF	CITATIONS
127	Seabream antiqutin: Molecular cloning, tissue distribution, subcellular localization and functional expression. <i>FEBS Letters</i> , 2005, 579, 3759-3764.	2.8	19
128	A novel TSHR gene mutation (Ile691Phe) in a Chinese family causing autosomal dominant non-autoimmune hyperthyroidism. <i>Journal of Human Genetics</i> , 2008, 53, 475-478.	2.3	19
129	The constitutive activity of ghrelin receptors is decreased by co-expression with vasoactive prostanoid receptors when over-expressed in human embryonic kidney 293 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 2627-2637.	2.8	19
130	Melanotropins: aldosterone and corticosterone stimulating activity in isolated rat adrenal cells. <i>International Journal of Peptide and Protein Research</i> , 1982, 19, 361-365.	0.1	19
131	Ethyl acetate fraction of the root of <i>Rubia cordifolia</i> L. inhibits keratinocyte proliferation <i>in vitro</i> and promotes keratinocyte differentiation <i>in vivo</i> : potential application for psoriasis treatment. <i>Phytotherapy Research</i> , 2010, 24, 1056-1064.	5.8	19
132	Evidence for the presence of adrenocorticotrophic and opiate-like hormones in the brains of two sea snakes, <i>Hydrophis cyanocinctus</i> and <i>Lapemis hardwickii</i> . <i>General and Comparative Endocrinology</i> , 1986, 63, 31-37.	1.8	18
133	Ghrelin system in pancreatic AR42J cells: its ligand stimulation evokes calcium signalling through ghrelin receptors. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 887-900.	2.8	18
134	Desoxyrhaponticin (3,5-Dihydroxy-4-methoxystilbene 3-O- β -D-glucoside) Inhibits Glucose Uptake in the Intestine and Kidney: In Vitro and in Vivo Studies. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 38-46.	2.5	18
135	Is antiqutin a mitochondrial Enzyme?. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 74-81.	2.6	18
136	Androgen rather than estrogen up-regulates brain-type cytochrome P450 aromatase (cyp19a1b) gene via tissue-specific promoters in the hermaphrodite teleost ricefield eel <i>Monopterus albus</i> . <i>Molecular and Cellular Endocrinology</i> , 2012, 350, 125-135.	3.2	18
137	Direct production of XYDMY sex reversal female medaka (<i>Oryzias latipes</i>) by embryo microinjection of TALENs. <i>Scientific Reports</i> , 2015, 5, 14057.	3.3	18
138	Igf3 serves as a mediator of luteinizing hormone in zebrafish ovulation. <i>Biology of Reproduction</i> , 2018, 99, 1235-1243.	2.7	18
139	Eukaryotic elongation factor-2 kinase expression is an independent prognostic factor in colorectal cancer. <i>BMC Cancer</i> , 2019, 19, 649.	2.6	18
140	A Novel Peptide Interfering with proBDNF-Sortilin Interaction Alleviates Chronic Inflammatory Pain. <i>Theranostics</i> , 2019, 9, 1651-1665.	10.0	18
141	Identification and characterization of a motilin-like peptide and its receptor in teleost. <i>General and Comparative Endocrinology</i> , 2013, 186, 85-93.	1.8	17
142	GPER mediates the inhibitory actions of estrogen on adipogenesis in 3T3-L1 cells through perturbation of mitotic clonal expansion. <i>General and Comparative Endocrinology</i> , 2013, 193, 19-26.	1.8	17
143	1,4-dihydroxy-2-naphthoic Acid Induces Apoptosis in Human Keratinocyte: Potential Application for Psoriasis Treatment. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-19.	1.2	17
144	Germline-specific dgcr8 knockout in zebrafish using a BACK approach. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 2503-2511.	5.4	17

#	ARTICLE	IF	CITATIONS
145	Growth hormone binding sites in tilapia (<i>Oreochromis mossambicus</i>) liver. <i>General and Comparative Endocrinology</i> , 1992, 86, 111-118.	1.8	16
146	A new class of protein mimics: preparation and electrophoretic properties of polycationic β -alanine-based dendrimers. <i>Tetrahedron</i> , 2003, 59, 3815-3820.	1.9	16
147	Establishment of a transgenic yeast screening system for estrogenicity and identification of the anti-estrogenic activity of malachite green. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 1399-1409.	2.6	16
148	The crystal structure of seabream antiquitin reveals the structural basis of its substrate specificity. <i>FEBS Letters</i> , 2008, 582, 3090-3096.	2.8	16
149	Sodium Coupled Bicarbonate Influx Regulates Intracellular and Apical pH in Cultured Rat Caput Epididymal Epithelium. <i>PLoS ONE</i> , 2011, 6, e22283.	2.5	16
150	Evolution of gonadotropin signaling on gonad development: insights from gene knockout studies in zebrafish. <i>Biology of Reproduction</i> , 2018, 99, 686-694.	2.7	16
151	Cardiac glycoside bufalin blocks cancer cell growth by inhibition of Aurora A and Aurora B activation via PI3K-Akt pathway. <i>Oncotarget</i> , 2018, 9, 13783-13795.	1.8	16
152	Anti-Inflammatory Activity of Ghrelin in Human Carotid Artery Cells. <i>Inflammation</i> , 2009, 32, 402-409.	3.8	15
153	Application of a combined sulphorhodamine B and melanin assay to the evaluation of Chinese medicines and their constituent compounds for hyperpigmentation treatment. <i>Journal of Ethnopharmacology</i> , 2010, 132, 274-279.	4.1	15
154	Discovery of a new reproductive hormone in teleosts: Pituitary adenylate cyclase-activating polypeptide-related peptide (PRP). <i>General and Comparative Endocrinology</i> , 2011, 173, 405-410.	1.8	14
155	Nanoparticle-DNA-polymer composites for hepatocellular carcinoma cell labeling, sensing, and magnetic resonance imaging. <i>Methods</i> , 2013, 64, 315-321.	3.8	14
156	Epidermal growth factor receptor tyrosine kinase phosphorylation of glucose-6-phosphate dehydrogenase in vitro. <i>Archives of Biochemistry and Biophysics</i> , 1987, 259, 296-304.	3.0	13
157	Down-regulation of goldfish (<i>Carassius auratus</i>) prolactin gene expression by dopamine and thyrotropin releasing hormone. <i>General and Comparative Endocrinology</i> , 2008, 155, 729-741.	1.8	13
158	Identification of a Natural Compound by Cell-Based Screening That Enhances Interferon Regulatory Factor-1 Activity and Causes Tumor Suppression. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 1774-1783.	4.1	13
159	Modulation of endoplasmic reticulum chaperone GRP78 by high glucose in hippocampus of streptozotocin-induced diabetic mice and C6 astrocytic cells. <i>Neurochemistry International</i> , 2013, 63, 551-560.	3.8	13
160	Increased Efficacies in Magnetofection and Gene Delivery to Hepatocellular Carcinoma Cells with Ternary Organic-Inorganic Hybrid Nanocomposites. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1760-1764.	3.3	13
161	The inactivation of rat adipocyte Mg ²⁺ -dependent phosphatidate phosphohydrolase by noradrenaline. <i>Biochemical Journal</i> , 1980, 190, 659-662.	3.7	12
162	Reversal of TNF- α resistance by hyperthermia. <i>Life Sciences</i> , 2000, 67, 3113-3121.	4.3	12

#	ARTICLE	IF	CITATIONS
163	Two alternatively spliced GPR39 transcripts in seabream: molecular cloning, genomic organization, and regulation of gene expression by metabolic signals. <i>Journal of Endocrinology</i> , 2008, 199, 457-470.	2.6	12
164	Zinc mediates the action of androgen in acting as a downstream effector of luteinizing hormone on oocyte maturation in zebrafish. <i>Biology of Reproduction</i> , 2019, 100, 468-478.	2.7	12
165	Production of a polyclonal antibody against recombinant goldfish prolactin and demonstration of its usefulness in a non-competitive antigen-capture ELISA. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2002, 131, 37-46.	1.6	11
166	Production of Recombinant Goldfish Prolactin and Its Applications in Radioreceptor Binding Assay and Radioimmunoassay. <i>General and Comparative Endocrinology</i> , 2002, 126, 75-89.	1.8	11
167	Potential Biomarkers Found by Protein Profiling May Provide Insight for the Macrovascular Pathogenesis of Diabetes Mellitus. <i>Disease Markers</i> , 2006, 22, 153-166.	1.3	11
168	Rat hepatic prolactin receptor: pubertal exposure to sex steroids alters responsivity to testosterone. <i>International Journal of Peptide and Protein Research</i> , 1984, 23, 521-527.	0.1	11
169	Realgar-mediated growth inhibition on HaCaT human keratinocytes is associated with induction of apoptosis. <i>International Journal of Molecular Medicine</i> , 2009, 24, 189-96.	4.0	11
170	Role of N-Linked Glycosylation on the Function and Expression of the Human Secretin Receptor. <i>Endocrinology</i> , 1999, 140, 5102-5111.	2.8	11
171	Radioimmunoactivity and receptor-binding activity of the recombined molecule obtained by complementation of two fibrinolysin fragments of ovine prolactin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981, 78, 88-90.	7.1	10
172	Isolation and characterization of the 5'-flanking region of the growth hormone secretagogue receptor gene from black seabream <i>Acanthopagrus schlegelii</i> . <i>Molecular and Cellular Endocrinology</i> , 2004, 223, 5-15.	3.2	10
173	Induction of apoptosis underlies the Radix Rubiae-mediated anti-proliferative action on human epidermal keratinocytes: Implications for psoriasis treatment. <i>International Journal of Molecular Medicine</i> , 2007, 20, 663.	4.0	10
174	Ethyl acetate fraction of Radix rubiae inhibits cell growth and promotes terminal differentiation in cultured human keratinocytes. <i>Journal of Ethnopharmacology</i> , 2012, 142, 241-247.	4.1	10
175	Presence of prolactin receptors in eel liver and carp kidney and growth hormone receptors in eel liver. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1991, 99, 387-390.	0.6	9
176	Tyrosine phosphorylation modulates store-operated calcium entry in cultured rat epididymal basal cells. <i>Journal of Cellular Physiology</i> , 2011, 226, 1069-1073.	4.1	9
177	Ternary hybrid nanocomposites for gene delivery and magnetic resonance imaging of hepatocellular carcinoma cells. <i>Quantitative Imaging in Medicine and Surgery</i> , 2013, 3, 302-7.	2.0	9
178	Human somatotropin: Semisynthesis of the hormone by noncovalent interaction of the natural NH ₂ -terminal fragment with a synthetic analog of the COOH-terminal fragment. <i>Archives of Biochemistry and Biophysics</i> , 1981, 211, 338-345.	3.0	8
179	Identification and Characterization of Growth Hormone Receptors in Snakehead Fish (<i>Ophiocephalus</i>) Tj ETQq1 1 0,784314 rgBT /Overl	1.8	8
180	Recombinant goldfish growth hormones (gfGH-I and -II) expressed in <i>Escherichia coli</i> have similar biological activities. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2003, 135, 613-624.	1.8	8

#	ARTICLE	IF	CITATIONS
181	Stimulation of growth hormone secretion from seabream pituitary cells in primary culture by growth hormone secretagogues is independent of growth hormone transcription. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 139, 77-85.	2.6	8
182	Cloning, characterization and promoter analysis of the common carp IGF-II gene. <i>Gene</i> , 2008, 412, 26-38.	2.2	8
183	Prolactin receptor in rat liver: sex difference in estrogenic stimulation and imprinting of the responsiveness to estrogen by neonatal androgen in male rats. <i>Molecular and Cellular Endocrinology</i> , 1985, 40, 99-105.	3.2	7
184	Inotropic and chronotropic actions of <i>Ilex latifolia</i> . <i>Life Sciences</i> , 2001, 68, 1259-1270.	4.3	7
185	Synthesis and Cytotoxicity of Racemic Isodeoxydopodophyllotoxin Analogues with Isoprene-Derived Side Chains. <i>Journal of Natural Products</i> , 2006, 69, 1145-1152.	3.0	7
186	Study of goldfish (<i>Carassius auratus</i>) growth hormone structure–function relationship by domain swapping. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2007, 146, 384-394.	1.6	7
187	DNA hybridization of pathogenicity island of vancomycin-resistant <i>Enterococcus faecalis</i> with discretely functionalized gold nanoparticles in organic solvent mixtures. <i>RSC Advances</i> , 2011, 1, 1342.	3.6	7
188	G protein-coupled estrogen receptor inhibits the P2Y receptor-mediated Ca ²⁺ signaling pathway in human airway epithelia. <i>Pflügers Archiv European Journal of Physiology</i> , 2016, 468, 1489-1503.	2.8	7
189	Functional expression of G protein-coupled receptor 30 in immature rat epididymal epithelium. <i>Cell Biology International</i> , 2017, 41, 134-146.	3.0	7
190	Mutagenesis in <i>Xenopus</i> and Zebrafish using TALENs. <i>Methods in Molecular Biology</i> , 2016, 1338, 207-227.	0.9	7
191	Presence of prolactin receptors in kidney and large intestine of the snake <i>Ptyas mucosa</i> . <i>General and Comparative Endocrinology</i> , 1990, 79, 351-360.	1.8	6
192	Modulatory effects of peroxovanadates on insulin receptor binding. <i>Journal of Inorganic Biochemistry</i> , 1996, 64, 163-180.	3.5	6
193	Purification, N-terminal sequence determination and enzymatic characterization of antiquitin from the liver of grass carp. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2003, 136, 443-450.	1.6	6
194	The second prolactin receptor in Nile tilapia (<i>Oreochromis niloticus</i>): molecular characterization, tissue distribution and gene expression. <i>Fish Physiology and Biochemistry</i> , 2010, 36, 283-295.	2.3	6
195	Pubertal Gonadal Hormones in Modulating the Testosterone Dependency of Hepatic Aryl Hydrocarbon Hydroxylase in Female Rats. <i>Pharmacology</i> , 1984, 29, 121-127.	2.2	5
196	Evidence for the involvement of essential sulphhydryl group in rat hepatic lactogenic receptor but not in somatogenic receptor. <i>Molecular and Cellular Endocrinology</i> , 1984, 38, 61-66.	3.2	5
197	Purification and characterization of two distinct aldehyde-oxidizing enzymes from the liver of black seabream. <i>Chemico-Biological Interactions</i> , 2003, 143-144, 159-167.	4.0	5
198	Cloning of the black seabream (<i>Acanthopagrus schlegeli</i>) antiquitin gene and functional characterization of its promoter region. <i>Molecular and Cellular Biochemistry</i> , 2007, 297, 151-160.	3.1	5

#	ARTICLE	IF	CITATIONS
199	Oncogenes expand during evolution to withstand somatic amplification. <i>Annals of Oncology</i> , 2018, 29, 2254-2260.	1.2	5
200	Evaluation of biocompatible alginate- and deferoxamine-coated ternary composites for magnetic resonance imaging and gene delivery into glioblastoma cells. <i>Quantitative Imaging in Medicine and Surgery</i> , 2015, 5, 382-91.	2.0	5
201	Phosphatidylinositol Phosphate 5-Kinase: Purification and Inhibition Studies. <i>Preparative Biochemistry and Biotechnology</i> , 1996, 26, 1-19.	1.9	4
202	In vitro and in vivo inhibitory actions of morin on rat brain phosphatidylinositolphosphate kinase activity. <i>Life Sciences</i> , 1997, 61, 2035-2047.	4.3	4
203	Synthesis of A/B Ring Analogs of Territrema...B and Evaluation of Their Biological Activities. <i>Helvetica Chimica Acta</i> , 2004, 87, 1832-1853.	1.6	4
204	Mechanistic Studies of Anti-Hyperpigmentary Compounds: Elucidating Their Inhibitory and Regulatory Actions. <i>International Journal of Molecular Sciences</i> , 2014, 15, 14649-14668.	4.1	4
205	Developmental protein kinase C hyper-activation results in microcephaly and behavioral abnormalities in zebrafish. <i>Translational Psychiatry</i> , 2018, 8, 232.	4.8	4
206	Effects of noradrenaline and N6,O2 -dibutyryl 3',5'-cyclic AMP on adipocyte glycerolipid-synthesizing enzymes. <i>International Journal of Biochemistry & Cell Biology</i> , 1980, 12, 667-670.	0.5	3
207	The role of neonatal and pubertal gonadal hormones in regulating the sex dependence of the hepatic microsomal testosterone 5-reductase activity in the rat. <i>Journal of Endocrinology</i> , 1985, 106, 71-79.	2.6	3
208	Growth hormone binding sites are present in tissues of the porcupine <i>Hystrix hodgesoni</i> , the snakehead <i>Channa maculata</i> and the winter flounder <i>Pleuronectes americanus</i> but not in those of the lamprey <i>Petromyzon marinus</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1993, 106, 483-487.	0.6	3
209	Contamination of Ribosome Inactivating Proteins with Ribonucleases, Separated by Affinity Chromatography on Red Sepharose. <i>Preparative Biochemistry and Biotechnology</i> , 2003, 33, 101-111.	1.9	3
210	Lateral Patellar Inclination Angle Measured via a Two-Image Technique on Axial Magnetic Resonance Imaging. <i>Journal of Knee Surgery</i> , 2023, 36, 569-574.	1.6	3
211	Study on the Purification of Growth Hormone-Like Substance from Pituitaries of the Snake <i>Ptyas mucosa</i> . <i>Preparative Biochemistry and Biotechnology</i> , 1993, 23, 351-361.	0.5	2
212	Immobilized glucose-6-phosphate dehydrogenase as a substrate for solubilized epidermal growth factor receptor tyrosine kinase. <i>Applied Biochemistry and Biotechnology</i> , 1996, 56, 155-167.	2.9	2
213	Properties of Chimeric Prostacyclin/Prostaglandin D2 Receptors: Site-Directed Mutagenesis Reveals the Significance of the Isoleucine Residue at Position 323. <i>Journal of Receptor and Signal Transduction Research</i> , 2003, 23, 83-97.	2.5	2
214	Regulation and Mechanism of Growth Hormone and Insulin-like Growth Factor-I Biosynthesis and Secretion. , 2006, , 7-23.		2
215	Citrate-Coated Magnetic Polyethyleneimine Composites for Plasmid DNA Delivery into Glioblastoma. <i>Polymers</i> , 2021, 13, 2228.	4.5	2
216	Peripheral administration of taurine antagonizes morphine-induced analgesia in mice. <i>General Pharmacology</i> , 1993, 24, 311-314.	0.7	1

#	ARTICLE	IF	CITATIONS
217	Large scale purification of myo-inositol monophosphate phosphatase from porcine brains. <i>Biotechnology and Bioengineering</i> , 1995, 48, 542-546.	3.3	1
218	Angiogenesis and Chinese Medicinal Foods. <i>Nutraceutical Science and Technology</i> , 2007, , 581-592.	0.0	1
219	Laboratory experiments on the actions of digestive enzymes. <i>Biochemical Education</i> , 1992, 20, 52-55.	0.1	0
220	Investigation of tissues from diverse teleosts for growth hormone and prolactin binding sites. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1994, 107, 101-105.	0.6	0
221	History and Scope of Functional Foods in China. <i>Nutraceutical Science and Technology</i> , 2007, , 97-126.	0.0	0
222	Real-time evaluation of human secretin receptor activity using cytosensor microphysiometry. <i>Journal of Cellular Biochemistry</i> , 1999, 72, 517-527.	2.6	0