

G William Wong

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82 papers	7,295 citations	32 h-index	85 g-index
88 ext. papers	8,460 ext. citations	5.5 avg, IF	5.38 L-index

#	Paper	IF	Citations
82	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
81	Molecular, biochemical and functional characterizations of C1q/TNF family members: adipose-tissue-selective expression patterns, regulation by PPAR-gamma agonist, cysteine-mediated oligomerizations, combinatorial associations and metabolic functions. <i>Biochemical Journal</i> , 2008 , 416, 161-77	3.8	273
80	Myonectin (CTRP15), a novel myokine that links skeletal muscle to systemic lipid homeostasis. <i>Journal of Biological Chemistry</i> , 2012 , 287, 11968-80	5.4	233
79	Identification and characterization of CTRP9, a novel secreted glycoprotein, from adipose tissue that reduces serum glucose in mice and forms heterotrimers with adiponectin. <i>FASEB Journal</i> , 2009 , 23, 241-58	0.9	207
78	C1q/TNF-related protein-3 (CTRP3), a novel adipokine that regulates hepatic glucose output. <i>Journal of Biological Chemistry</i> , 2010 , 285, 39691-701	5.4	172
77	Metabolic function of the CTRP family of hormones. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014 , 15, 111-23	10.5	159
76	C1q/TNF-related proteins, a family of novel adipokines, induce vascular relaxation through the adiponectin receptor-1/AMPK/eNOS/nitric oxide signaling pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2616-23	9.4	145
75	CTRP1 protein enhances fatty acid oxidation via AMP-activated protein kinase (AMPK) activation and acetyl-CoA carboxylase (ACC) inhibition. <i>Journal of Biological Chemistry</i> , 2012 , 287, 1576-87	5.4	111
74	C1q/TNF-related protein-12 (CTRP12), a novel adipokine that improves insulin sensitivity and glycemic control in mouse models of obesity and diabetes. <i>Journal of Biological Chemistry</i> , 2012 , 287, 10301-10315	5.4	103
73	Metabolic regulation by C1q/TNF-related protein-13 (CTRP13): activation OF AMP-activated protein kinase and suppression of fatty acid-induced JNK signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 15652-65	5.4	94
72	CTRP3 attenuates diet-induced hepatic steatosis by regulating triglyceride metabolism. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, G214-24	5.1	87
71	CTRP9 transgenic mice are protected from diet-induced obesity and metabolic dysfunction. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R522-33	3.2	85
70	C1q/Tumor Necrosis Factor-Related Protein-9 Regulates the Fate of Implanted Mesenchymal Stem Cells and Mobilizes Their Protective Effects Against Ischemic Heart Injury via Multiple Novel Signaling Pathways. <i>Circulation</i> , 2017 , 136, 2162-2177	16.7	77
69	Dynamic Visualization of mTORC1 Activity in Living Cells. <i>Cell Reports</i> , 2015 , 10, 1767-1777	10.6	76
68	Mouse-human experimental epigenetic analysis unmask dietary targets and genetic liability for diabetic phenotypes. <i>Cell Metabolism</i> , 2015 , 21, 138-49	24.6	76
67	Targeted deletion of C1q/TNF-related protein 9 increases food intake, decreases insulin sensitivity, and promotes hepatic steatosis in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 306, E779-90	6	75
66	Mammalian Otolin: a multimeric glycoprotein specific to the inner ear that interacts with otoconial matrix protein Otoconin-90 and Cerebellin-1. <i>PLoS ONE</i> , 2010 , 5, e12765	3.7	75

65	Skeletal muscle-derived myonectin activates the mammalian target of rapamycin (mTOR) pathway to suppress autophagy in liver. <i>Journal of Biological Chemistry</i> , 2013 , 288, 36073-82	5.4	73
64	Lhx1 controls terminal differentiation and circadian function of the suprachiasmatic nucleus. <i>Cell Reports</i> , 2014 , 7, 609-22	10.6	72
63	Importance of mast cell Prss31/transmembrane tryptase/tryptase- α in lung function and experimental chronic obstructive pulmonary disease and colitis. <i>Journal of Biological Chemistry</i> , 2014 , 289, 18214-27	5.4	67
62	C1q-TNF-Related Protein-9 Promotes Cardiac Hypertrophy and Failure. <i>Circulation Research</i> , 2017 , 120, 66-77	15.7	66
61	C1q/tumor necrosis factor-related protein 11 (CTRP11), a novel adipose stroma-derived regulator of adipogenesis. <i>Journal of Biological Chemistry</i> , 2013 , 288, 10214-29	5.4	53
60	Lower Circulating C1q/TNF-Related Protein-3 (CTRP3) Levels Are Associated with Obesity: A Cross-Sectional Study. <i>PLoS ONE</i> , 2015 , 10, e0133955	3.7	52
59	Glucose Transporter-4 Facilitates Insulin-Stimulated Glucose Uptake in Osteoblasts. <i>Endocrinology</i> , 2016 , 157, 4094-4103	4.8	51
58	C1q/TNF-related protein 6 (CTRP6) links obesity to adipose tissue inflammation and insulin resistance. <i>Journal of Biological Chemistry</i> , 2017 , 292, 14836-14850	5.4	48
57	Ancient origin of mast cells. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 451, 314-8	3.4	46
56	CTRP8 and CTRP9B are novel proteins that hetero-oligomerize with C1q/TNF family members. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 388, 360-5	3.4	44
55	C1q/TNF-related protein 4 (CTRP4) is a unique secreted protein with two tandem C1q domains that functions in the hypothalamus to modulate food intake and body weight. <i>Journal of Biological Chemistry</i> , 2014 , 289, 4055-69	5.4	42
54	A central role for C1q/TNF-related protein 13 (CTRP13) in modulating food intake and body weight. <i>PLoS ONE</i> , 2013 , 8, e62862	3.7	41
53	Single-molecule, full-length transcript sequencing provides insight into the extreme metabolism of the ruby-throated hummingbird <i>Archilochus colubris</i> . <i>GigaScience</i> , 2018 , 7, 1-12	7.6	40
52	Regulation of tissue crosstalk by skeletal muscle-derived myonectin and other myokines. <i>Adipocyte</i> , 2012 , 1, 200-202	3.2	39
51	Loss of CTRP1 disrupts glucose and lipid homeostasis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E678-E697	6	38
50	CTRP3 deficiency reduces liver size and alters IL-6 and TGF β levels in obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E332-45	6	32
49	Endopeptidase cleavage generates a functionally distinct isoform of C1q/tumor necrosis factor-related protein-12 (CTRP12) with an altered oligomeric state and signaling specificity. <i>Journal of Biological Chemistry</i> , 2012 , 287, 35804-14	5.4	31
48	Immunomodulatory roles of CTRP3 in endotoxemia and metabolic stress. <i>Physiological Reports</i> , 2016 , 4, e12735	2.6	31

47	Myonectin deletion promotes adipose fat storage and reduces liver steatosis. <i>FASEB Journal</i> , 2019 , 33, 8666-8687	0.9	29
46	Obesity is associated with copper elevation in serum and tissues. <i>Metallomics</i> , 2019 , 11, 1363-1371	4.5	29
45	CTRP7 deletion attenuates obesity-linked glucose intolerance, adipose tissue inflammation, and hepatic stress. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 312, E309-E325	6	28
44	Identification of hypothalamic neuron-derived neurotrophic factor as a novel factor modulating appetite. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 304, R1085-95	3.2	28
43	CTRP2 overexpression improves insulin and lipid tolerance in diet-induced obese mice. <i>PLoS ONE</i> , 2014 , 9, e88535	3.7	26
42	C1q/TNF-Related Protein-9 (CTRP9) Levels Are Associated With Obesity and Decrease Following Weight Loss Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2211-7	5.6	26
41	Copper-dependent amino oxidase 3 governs selection of metabolic fuels in adipocytes. <i>PLoS Biology</i> , 2018 , 16, e2006519	9.7	26
40	Loss of CTRP5 improves insulin action and hepatic steatosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E1036-52	6	25
39	Spatiotemporal regulation of the GPCR activity of BAI3 by C1qL4 and Stabilin-2 controls myoblast fusion. <i>Nature Communications</i> , 2018 , 9, 4470	17.4	25
38	C1q-tumour necrosis factor-related protein 8 (CTRP8) is a novel interaction partner of relaxin receptor RXFP1 in human brain cancer cells. <i>Journal of Pathology</i> , 2013 , 231, 466-79	9.4	24
37	Estrogen-related receptor β deletion modulates whole-body energy balance via estrogen-related receptor α and attenuates neuropeptide Y gene expression. <i>European Journal of Neuroscience</i> , 2013 , 37, 1033-47	3.5	23
36	Structural commonality of C1q TNF-related proteins and their potential to activate relaxin/insulin-like family peptide receptor 1 signalling pathways in cancer cells. <i>British Journal of Pharmacology</i> , 2017 , 174, 1025-1033	8.6	20
35	Modulation of Glucose Metabolism in Hippocampal Neurons by Adiponectin and Resistin. <i>Molecular Neurobiology</i> , 2019 , 56, 3024-3037	6.2	18
34	Thromboxane synthase deficiency improves insulin action and attenuates adipose tissue fibrosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E792-804	6	17
33	Partial deficiency of CTRP12 alters hepatic lipid metabolism. <i>Physiological Genomics</i> , 2016 , 48, 936-949	3.6	16
32	Complement 1q-like-3 protein inhibits insulin secretion from pancreatic β cells via the cell adhesion G protein-coupled receptor BAI3. <i>Journal of Biological Chemistry</i> , 2018 , 293, 18086-18098	5.4	16
31	Cytokine, Chemokine, and Cytokine Receptor Changes Are Associated With Metabolic Improvements After Bariatric Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 947-956	5.6	13
30	Multiplex Quantification Identifies Novel Exercise-regulated Myokines/Cytokines in Plasma and in Glycolytic and Oxidative Skeletal Muscle. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 1546-1563	7.6	13

29	Dynamic and extensive metabolic state-dependent regulation of cytokine expression and circulating levels. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R1458-70	3.2	12
28	RXFP1 is Targeted by Complement C1q Tumor Necrosis Factor-Related Factor 8 in Brain Cancer. <i>Frontiers in Endocrinology</i> , 2015 , 6, 127	5.7	12
27	Muscle regulates mTOR dependent axonal local translation in motor neurons via CTRP3 secretion: implications for a neuromuscular disorder, spinal muscular atrophy. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 154	7.3	11
26	C1q/TNF-related protein 2 (CTRP2) deletion promotes adipose tissue lipolysis and hepatic triglyceride secretion. <i>Journal of Biological Chemistry</i> , 2019 , 294, 15638-15649	5.4	10
25	FAM19A1, a brain-enriched and metabolically responsive neurokinin, regulates food intake patterns and mouse behaviors. <i>FASEB Journal</i> , 2019 , 33, 14734-14747	0.9	10
24	Obesity alters Ace2 and Tmprss2 expression in lung, trachea, and esophagus in a sex-dependent manner: Implications for COVID-19. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 538, 92-96	3.4	10
23	Neurometabolic roles of ApoE and Ldl-R in mouse brain. <i>Journal of Bioenergetics and Biomembranes</i> , 2016 , 48, 13-21	3.7	9
22	Seasonal oscillation of liver-derived hibernation protein complex in the central nervous system of non-hibernating mammals. <i>Journal of Experimental Biology</i> , 2014 , 217, 2667-79	3	9
21	Proteomic Analysis of the Human Anterior Pituitary Gland. <i>OMICS A Journal of Integrative Biology</i> , 2018 , 22, 759-769	3.8	8
20	Experimental Arthritis Is Dependent on Mouse Mast Cell Protease-5. <i>Journal of Biological Chemistry</i> , 2017 , 292, 5392-5404	5.4	7
19	CTRP12 ablation differentially affects energy expenditure, body weight, and insulin sensitivity in male and female mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E146-E162	6.2	7
18	Loss of CTRP4 alters adiposity and food intake behaviors in obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 319, E1084-E1100	6	7
17	Late-onset renal hypertrophy and dysfunction in mice lacking CTRP1. <i>FASEB Journal</i> , 2020 , 34, 2657-2676	6.9	4
16	CTRP12 inhibits triglyceride synthesis and export in hepatocytes by suppressing HNF-4 α and DGAT2 expression. <i>FEBS Letters</i> , 2020 , 594, 3227-3239	3.8	4
15	CTRP3 Regulates Endochondral Ossification and Bone Remodeling During Fracture Healing. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 996-1006	3.8	3
14	Protein Modifications Critical for Myonectin/Erythroferrone Secretion and Oligomer Assembly. <i>Biochemistry</i> , 2020 , 59, 2684-2697	3.2	2
13	Obesity alters and expression in lung, trachea, and esophagus in a sex-dependent manner: Implications for COVID-19 2020 ,		2
12	CTRP4 ablation impairs associative learning and memory. <i>FASEB Journal</i> , 2021 , 35, e21910	0.9	2

11	Inhibition of phosphodiesterase type 9 reduces obesity and cardiometabolic syndrome in mice. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	2
10	FAM19A (TAFA): An Emerging Family of Neurokinins with Diverse Functions in the Central and Peripheral Nervous System. <i>ACS Chemical Neuroscience</i> , 2021 , 12, 945-958	5.7	2
9	Renal glucose transporters TWEETENThe pot. <i>Experimental Physiology</i> , 2016 , 101, 693-4	2.4	1
8	PRADC1: a novel metabolic-responsive secretory protein that modulates physical activity and adiposity. <i>FASEB Journal</i> , 2019 , 33, 14748-14759	0.9	1
7	CTRP6 rapidly responds to acute nutritional changes, regulating adipose tissue expansion and inflammation in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 321, E702-E713	6	1
6	Glucose transporter expression and regulation following a fast in the ruby-throated hummingbird,. <i>Journal of Experimental Biology</i> , 2020 , 223,	3	1
5	N-Linked Glycosylation-Dependent and -Independent Mechanisms Regulating CTRP12 Cleavage, Secretion, and Stability. <i>Biochemistry</i> , 2019 , 58, 727-741	3.2	1
4	Aging and chronic high-fat feeding negatively affect kidney size, function, and gene expression in CTRP1-deficient mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R19-R35	3.2	1
3	Adaptation of fuel selection to acute decrease in voluntary energy expenditure is governed by dietary macronutrient composition in mice. <i>Physiological Reports</i> , 2021 , 9, e15044	2.6	1
2	CTRP11 contributes modestly to systemic metabolism and energy balance.. <i>FASEB Journal</i> , 2022 , 36, e22347	0.9	1
1	Altered adipokines in obese adolescents: a cross-sectional and longitudinal analysis across the spectrum of glycemia. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E1044-E1052	6	1