

# Chris Kong-Chu Wong

## List of Publications by Citations

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103  
papers

3,106  
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31  
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109  
ext. papers

3,773  
ext. citations

6.1  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
103	Osteoclast-derived exosomal miR-214-3p inhibits osteoblastic bone formation. <i>Nature Communications</i> , <b>2016</b> , 7, 10872	17.4	286
102	Evolution and roles of stanniocalcin. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 349, 272-80	4.4	142
101	Comparative analysis of mammalian stanniocalcin genes. <i>Endocrinology</i> , <b>1998</b> , 139, 4714-25	4.8	123
100	Involvement of activating ERK1/2 through G protein coupled receptor 30 and estrogen receptor in low doses of bisphenol A promoting growth of Sertoli TM4 cells. <i>Toxicology Letters</i> , <b>2014</b> , 226, 81-9	4.4	104
99	Characterization of ion channel and transporter mRNA expressions in isolated gill chloride and pavement cells of seawater acclimating eels. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 346, 1181-90	3.4	102
98	PFOS-induced hepatic steatosis, the mechanistic actions on oxidation and lipid transport. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2012</b> , 1820, 1092-101	4	92
97	Bisphenol A alters gut microbiome: Comparative metagenomics analysis. <i>Environmental Pollution</i> , <b>2016</b> , 218, 923-930	9.3	88
96	Hypoxia causes transgenerational impairments in reproduction of fish. <i>Nature Communications</i> , <b>2016</b> , 7, 12114	17.4	87
95	Perfluorooctanesulfonate (PFOS) perturbs male rat Sertoli cell blood-testis barrier function by affecting F-actin organization via p-FAK-Tyr(407): an in vitro study. <i>Endocrinology</i> , <b>2014</b> , 155, 249-62	4.8	87
94	Hypoxia-inducible factor-1-mediated activation of stanniocalcin-1 in human cancer cells. <i>Endocrinology</i> , <b>2005</b> , 146, 4951-60	4.8	86
93	Blood plasma concentrations of endocrine disrupting chemicals in Hong Kong populations. <i>Journal of Hazardous Materials</i> , <b>2013</b> , 261, 763-9	12.8	83
92	Risk assessment for human consumption of perfluorinated compound-contaminated freshwater and marine fish from Hong Kong and Xiamen. <i>Chemosphere</i> , <b>2011</b> , 85, 277-83	8.4	79
91	Germ cell transport across the seminiferous epithelium during spermatogenesis. <i>Physiology</i> , <b>2014</b> , 29, 286-98	9.8	66
90	Assessment of risk to humans of bisphenol A in marine and freshwater fish from Pearl River Delta, China. <i>Chemosphere</i> , <b>2011</b> , 85, 122-8	8.4	64
89	Contributions of City-Specific Fine Particulate Matter (PM) to Differential In Vitro Oxidative Stress and Toxicity Implications between Beijing and Guangzhou of China. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 2881-2891	10.3	60
88	Perinatal exposure to perfluorooctane sulfonate affects glucose metabolism in adult offspring. <i>PLoS ONE</i> , <b>2014</b> , 9, e87137	3.7	57
87	Chemical and biological characterization of air particulate matter 2.5, collected from five cities in China. <i>Environmental Pollution</i> , <b>2014</b> , 194, 188-195	9.3	52

86	Ginsenoside-Rb1 targets chemotherapy-resistant ovarian cancer stem cells via simultaneous inhibition of Wnt/ $\beta$ -catenin signaling and epithelial-to-mesenchymal transition. <i>Oncotarget</i> , <b>2017</b> , 8, 25897-25914 <sup>3,3</sup>	4.8	48
85	Stanniocalcin-1 and -2 promote angiogenic sprouting in HUVECs via VEGF/VEGFR2 and angiotensin signaling pathways. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 374, 73-81	4.4	46
84	Targeting testis-specific proteins to inhibit spermatogenesis: lesson from endocrine disrupting chemicals. <i>Expert Opinion on Therapeutic Targets</i> , <b>2013</b> , 17, 839-55	6.4	46
83	Activation of GPER suppresses epithelial mesenchymal transition of triple negative breast cancer cells via NF- $\kappa$ B signals. <i>Molecular Oncology</i> , <b>2016</b> , 10, 775-88	7.9	42
82	Tissue-specific transcriptome assemblies of the marine medaka <i>Oryzias melastigma</i> and comparative analysis with the freshwater medaka <i>Oryzias latipes</i> . <i>BMC Genomics</i> , <b>2015</b> , 16, 135	4.5	40
81	Identification and characterization of the hypoxia-responsive element in human stanniocalcin-1 gene. <i>Molecular and Cellular Endocrinology</i> , <b>2010</b> , 314, 118-27	4.4	40
80	Effects of perinatal exposure to bisphenol A and di(2-ethylhexyl)-phthalate on gonadal development of male mice. <i>Environmental Science and Pollution Research</i> , <b>2011</b> , 19, 2515-27	5.1	39
79	Dietary Exposure to the Environmental Chemical, PFOS on the Diversity of Gut Microbiota, Associated With the Development of Metabolic Syndrome. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2552	5.7	37
78	Is toxicant-induced Sertoli cell injury in vitro a useful model to study molecular mechanisms in spermatogenesis?. <i>Seminars in Cell and Developmental Biology</i> , <b>2016</b> , 59, 141-156	7.5	34
77	Mutagenic Azo Dyes, Rather Than Flame Retardants, Are the Predominant Brominated Compounds in House Dust. <i>Environmental Science &amp; Technology</i> , <b>2016</b> , 50, 12669-12677	10.3	33
76	GPER/Hippo-YAP signal is involved in Bisphenol S induced migration of triple negative breast cancer (TNBC) cells. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 355, 1-9	12.8	33
75	Connexin 43 reboots meiosis and reseals blood-testis barrier following toxicant-mediated aspermatogenesis and barrier disruption. <i>FASEB Journal</i> , <b>2016</b> , 30, 1436-52	0.9	32
74	Effects of in Utero PFOS Exposure on Transcriptome, Lipidome, and Function of Mouse Testis. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 8782-8794	10.3	32
73	Formin 1 Regulates Ectoplasmic Specialization in the Rat Testis Through Its Actin Nucleation and Bundling Activity. <i>Endocrinology</i> , <b>2015</b> , 156, 2969-83	4.8	31
72	Histone deacetylase inhibitor-induced cellular apoptosis involves stanniocalcin-1 activation. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 2975-84	4.2	30
71	Actin-bundling protein plastin 3 is a regulator of ectoplasmic specialization dynamics during spermatogenesis in the rat testis. <i>FASEB Journal</i> , <b>2015</b> , 29, 3788-805	0.9	29
70	Actin nucleator Spire 1 is a regulator of ectoplasmic specialization in the testis. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 208	9.8	28
69	Fatty liver disease induced by perfluorooctane sulfonate: Novel insight from transcriptome analysis. <i>Chemosphere</i> , <b>2016</b> , 159, 166-177	8.4	28

68	Pathogenesis of POLR1C-dependent Type 3 Treacher Collins Syndrome revealed by a zebrafish model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 1147-58	6.9	26
67	Genetic Basis of Differential Heat Resistance between Two Species of Congeneric Freshwater Snails: Insights from Quantitative Proteomics and Base Substitution Rate Analysis. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 4296-308	5.6	25
66	Activation of Ca-sensing receptor as a protective pathway to reduce Cadmium-induced cytotoxicity in renal proximal tubular cells. <i>Scientific Reports</i> , <b>2018</b> , 8, 1092	4.9	25
65	The apical ES-BTB-BM functional axis is an emerging target for toxicant-induced infertility. <i>Trends in Molecular Medicine</i> , <b>2013</b> , 19, 396-405	11.5	25
64	Rescue of perfluorooctanesulfonate (PFOS)-mediated Sertoli cell injury by overexpression of gap junction protein connexin 43. <i>Scientific Reports</i> , <b>2016</b> , 6, 29667	4.9	25
63	Methionine oxidation in albumin by fine haze particulate matter: an in vitro and in vivo study. <i>Journal of Hazardous Materials</i> , <b>2014</b> , 274, 384-91	12.8	24
62	Differential effects of c-Src and c-Yes on the endocytic vesicle-mediated trafficking events at the Sertoli cell blood-testis barrier: an in vitro study. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2014</b> , 307, E553-62	6	24
61	N-wasp is required for structural integrity of the blood-testis barrier. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004447	6	23
60	Sp1 is a transcription repressor to stanniocalcin-1 expression in TSA-treated human colon cancer cells, HT29. <i>Journal of Cellular Biochemistry</i> , <b>2011</b> , 112, 2089-96	4.7	23
59	The measurement of bisphenol A and its analogues, perfluorinated compounds in twenty species of freshwater and marine fishes, a time-trend comparison and human health based assessment. <i>Marine Pollution Bulletin</i> , <b>2017</b> , 124, 743-752	6.7	22
58	Transcriptomic analysis reveals specific osmoregulatory adaptive responses in gill mitochondria-rich cells and pavement cells of the Japanese eel. <i>BMC Genomics</i> , <b>2015</b> , 16, 1072	4.5	22
57	Stanniocalcin-1 regulates re-epithelialization in human keratinocytes. <i>PLoS ONE</i> , <b>2011</b> , 6, e27094	3.7	22
56	Dynein 1 supports spermatid transport and spermiation during spermatogenesis in the rat testis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E924-E948	6	21
55	Partitioning behavior of perfluorinated compounds between sediment and biota in the Pearl River Delta of South China. <i>Marine Pollution Bulletin</i> , <b>2014</b> , 83, 148-54	6.7	21
54	Effects of TCDD in modulating the expression of Sertoli cell secretory products and markers for cell-cell interaction. <i>Toxicology</i> , <b>2005</b> , 206, 111-23	4.4	21
53	Formin 1 Regulates Microtubule and F-Actin Organization to Support Spermatid Transport During Spermatogenesis in the Rat Testis. <i>Endocrinology</i> , <b>2016</b> , 157, 2894-908	4.8	21
52	Transcriptome sequencing reveals prenatal PFOS exposure on liver disorders. <i>Environmental Pollution</i> , <b>2017</b> , 223, 416-425	9.3	20
51	Transcriptomic responses of corpuscle of Stannius gland of Japanese eels ( <i>Anguilla japonica</i> ) to changes in water salinity. <i>Scientific Reports</i> , <b>2015</b> , 5, 9836	4.9	20

50	Signaling pathways regulating blood-tissue barriers - Lesson from the testis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2018</b> , 1860, 141-153	3.8	20
49	Role of non-receptor protein tyrosine kinases in spermatid transport during spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , <b>2014</b> , 30, 65-74	7.5	19
48	iTRAQ-based quantitative proteomic analysis reveals acute hypo-osmotic responsive proteins in the gills of the Japanese eel ( <i>Anguilla japonica</i> ). <i>Journal of Proteomics</i> , <b>2014</b> , 105, 133-43	3.9	18
47	Dioxin-like components in human breast milk collected from Hong Kong and Guangzhou. <i>Environmental Research</i> , <b>2004</b> , 96, 88-94	7.9	18
46	Calcimimetic compound NPS R-467 protects against chronic cadmium-induced mouse kidney injury by restoring autophagy process. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 189, 110052	7	18
45	Chloride cell subtypes in the gill epithelium of Japanese eel <i>Anguilla japonica</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1999</b> , 277, R517-22	3.2	17
44	Inhibition of Autophagy Alleviates Cadmium-Induced Mouse Spleen and Human B Cells Apoptosis. <i>Toxicological Sciences</i> , <b>2019</b> , 170, 109-122	4.4	16
43	Identification of immune-related genes in gill cells of Japanese eels ( <i>Anguilla japonica</i> ) in adaptation to water salinity changes. <i>Fish and Shellfish Immunology</i> , <b>2018</b> , 73, 288-296	4.3	16
42	Comparative Analysis of PFOS and PFOA Toxicity on Sertoli Cells. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 3465-3475	10.3	15
41	Stanniocalcin-1 Reduces Tumor Size in Human Hepatocellular Carcinoma. <i>PLoS ONE</i> , <b>2015</b> , 10, e0139977	3.7	15
40	Cytokines, polarity proteins, and endosomal protein trafficking and signaling-the sertoli cell blood-testis barrier system in vitro as a study model. <i>Methods in Enzymology</i> , <b>2014</b> , 534, 181-94	1.7	15
39	Effects of dexamethasone and dibutyryl cAMP on stanniocalcin-1 mRNA expression in rat primary Sertoli and Leydig cells. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 283, 96-103	4.4	15
38	F5-Peptide and mTORC1/rpS6 Effectively Enhance BTB Transport Function in the Testis-Lesson From the Adjudin Model. <i>Endocrinology</i> , <b>2019</b> , 160, 1832-1853	4.8	14
37	Myosin VIIa Supports Spermatid/Organelle Transport and Cell Adhesion During Spermatogenesis in the Rat Testis. <i>Endocrinology</i> , <b>2019</b> , 160, 484-503	4.8	12
36	nbce1 and H <sup>+</sup> ATPase mRNA expression are stimulated in the mitochondria-rich cells of freshwater-acclimating Japanese eels ( <i>Anguilla japonica</i> ). <i>Canadian Journal of Zoology</i> , <b>2011</b> , 89, 348-355	1.5	12
35	CAMSAP2 Is a Microtubule Minus-End Targeting Protein That Regulates BTB Dynamics Through Cytoskeletal Organization. <i>Endocrinology</i> , <b>2019</b> , 160, 1448-1467	4.8	10
34	Cell polarity and planar cell polarity (PCP) in spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , <b>2018</b> , 81, 71-77	7.5	10
33	Cadmium induces epithelial-mesenchymal transition and migration of renal cancer cells by increasing PGE2 through a cAMP/PKA-COX2 dependent mechanism. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 207, 111480	7	10

32	Actin binding proteins, actin cytoskeleton and spermatogenesis - Lesson from toxicant models. <i>Reproductive Toxicology</i> , <b>2020</b> , 96, 76-89	3.4	9
31	A crustacean annotated transcriptome (CAT) database. <i>BMC Genomics</i> , <b>2020</b> , 21, 32	4.5	9
30	Cell polarity and cytoskeletons-Lesson from the testis. <i>Seminars in Cell and Developmental Biology</i> , <b>2018</b> , 81, 21-32	7.5	9
29	F5-peptide enhances the efficacy of the non-hormonal male contraceptive adjuvin. <i>Contraception</i> , <b>2019</b> , 99, 350-356	2.5	8
28	mTORC1/rpS6 and spermatogenic function in the testis-insights from the adjuvin model. <i>Reproductive Toxicology</i> , <b>2019</b> , 89, 54-66	3.4	8
27	The roles of calcium-sensing receptor (CaSR) in heavy metals-induced nephrotoxicity. <i>Life Sciences</i> , <b>2020</b> , 242, 117183	6.8	7
26	Effects of 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) on the differentiation of embryonic stem cells towards pancreatic lineage and pancreatic beta cell function. <i>Environment International</i> , <b>2019</b> , 130, 104885	12.9	6
25	Transcriptomic and Functional Analyses on the Effects of Dioxin on Insulin Secretion of Pancreatic Islets and $\beta$ Cells. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 11390-11400	10.3	6
24	Comparative proteomics and codon substitution analysis reveal mechanisms of differential resistance to hypoxia in congeneric snails. <i>Journal of Proteomics</i> , <b>2018</b> , 172, 36-48	3.9	6
23	Microtubule Cytoskeleton and Spermatogenesis-Lesson From Studies of Toxicant Models. <i>Toxicological Sciences</i> , <b>2020</b> , 177, 305-315	4.4	5
22	Characterization of stanniocalcin-1 expression in macrophage differentiation. <i>Translational Oncology</i> , <b>2021</b> , 14, 100881	4.9	5
21	KIF15 supports spermatogenesis via its effects on Sertoli cell microtubule, actin, vimentin, and septin cytoskeletons. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	5
20	Characterization of stanniocalcin 1 binding and signaling in gill cells of Japanese eels. <i>Journal of Molecular Endocrinology</i> , <b>2015</b> , 54, 305-14	4.5	4
19	Transcriptomic and methylomic analysis reveal the toxicological effect of 2,3,7,8-Tetrachlorodibenzodioxin on human embryonic stem cell. <i>Chemosphere</i> , <b>2018</b> , 206, 663-673	8.4	4
18	Microtubule-associated proteins (MAPs) in microtubule cytoskeletal dynamics and spermatogenesis. <i>Histology and Histopathology</i> , <b>2021</b> , 36, 249-265	1.4	4
17	The Non-hormonal Male Contraceptive Adjuvin Exerts its Effects via MAPs and Signaling Proteins mTORC1/rpS6 and FAK-Y407. <i>Endocrinology</i> , <b>2021</b> , 162,	4.8	3
16	Data for transcriptomic and iTRAQ proteomic analysis of <i>Anguilla japonica</i> gills in response to osmotic stress. <i>Data in Brief</i> , <b>2015</b> , 3, 120-5	1.2	2
15	Genome-wide analysis of MicroRNA-messenger RNA interactome in ex-vivo gill filaments, <i>Anguilla japonica</i> . <i>BMC Genomics</i> , <b>2020</b> , 21, 208	4.5	2

14	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration. <i>PLoS ONE</i> , <b>2020</b> , 15, e0241932	3.7	2
13	Bisphenol compounds regulate decidualized stromal cells in modulating trophoblastic spheroid outgrowth and invasion in vitro <i>Biology of Reproduction</i> , <b>2020</b> , 102, 693-704	3.9	2
12	Effects of Exposure to Perfluorooctane Sulfonate on Placental Functions. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 16050-16061	10.3	2
11	Bisphenol A and its analogues in sedimentary microplastics of Hong Kong. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 164, 112090	6.7	2
10	A laminin-based local regulatory network in the testis that supports spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , <b>2021</b> ,	7.5	2
9	Characterization of PFOS toxicity on in-vivo and ex-vivo mouse pancreatic islets. <i>Environmental Pollution</i> , <b>2021</b> , 289, 117857	9.3	2
8	Role of cell polarity and planar cell polarity (PCP) proteins in spermatogenesis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , <b>2020</b> , 55, 71-87	8.7	1
7	mTORC1/rpS6 and p-FAK-Y407 signaling regulate spermatogenesis: Insights from studies of the adjuvin pharmaceutical/toxicant model. <i>Seminars in Cell and Developmental Biology</i> , <b>2021</b> ,	7.5	1
6	Planar cell polarity (PCP) proteins support spermatogenesis through cytoskeletal organization in the testis. <i>Seminars in Cell and Developmental Biology</i> , <b>2021</b> , 121, 99-99	7.5	1
5	AKAP9 supports spermatogenesis through its effects on microtubule and actin cytoskeletons in the rat testis. <i>FASEB Journal</i> , <b>2021</b> , 35, e21925	0.9	1
4	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration <b>2020</b> , 15, e0241932		
3	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration <b>2020</b> , 15, e0241932		
2	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration <b>2020</b> , 15, e0241932		
1	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration <b>2020</b> , 15, e0241932		