

Chris Kong-Chu Wong

List of Publications by Year in Descending Order

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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.

103
papers

3,106
citations

31
h-index

52
g-index

109
ext. papers

3,773
ext. citations

6.1
avg, IF

5.32
L-index

#	Paper	IF	Citations
103	Bisphenol A and its analogues in sedimentary microplastics of Hong Kong. <i>Marine Pollution Bulletin</i> , 2021 , 164, 112090	6.7	2
102	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> , 2021 ,	7.5	1
101	A laminin-based local regulatory network in the testis that supports spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2021 ,	7.5	2
100	Planar cell polarity (PCP) proteins support spermatogenesis through cytoskeletal organization in the testis. <i>Seminars in Cell and Developmental Biology</i> , 2021 , 121, 99-99	7.5	1
99	Characterization of stanniocalcin-1 expression in macrophage differentiation. <i>Translational Oncology</i> , 2021 , 14, 100881	4.9	5
98	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> , 2021 , 207, 111480	7	10
97	The Non-hormonal Male Contraceptive Adjuvin Exerts its Effects via MAPs and Signaling Proteins mTORC1/rpS6 and FAK-Y407. <i>Endocrinology</i> , 2021 , 162,	4.8	3
96	KIF15 supports spermatogenesis via its effects on Sertoli cell microtubule, actin, vimentin, and septin cytoskeletons. <i>Endocrinology</i> , 2021 , 162,	4.8	5
95	AKAP9 supports spermatogenesis through its effects on microtubule and actin cytoskeletons in the rat testis. <i>FASEB Journal</i> , 2021 , 35, e21925	0.9	1
94	Characterization of PFOS toxicity on in-vivo and ex-vivo mouse pancreatic islets. <i>Environmental Pollution</i> , 2021 , 289, 117857	9.3	2
93	Microtubule-associated proteins (MAPs) in microtubule cytoskeletal dynamics and spermatogenesis. <i>Histology and Histopathology</i> , 2021 , 36, 249-265	1.4	4
92	Actin binding proteins, actin cytoskeleton and spermatogenesis - Lesson from toxicant models. <i>Reproductive Toxicology</i> , 2020 , 96, 76-89	3.4	9
91	Role of cell polarity and planar cell polarity (PCP) proteins in spermatogenesis. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020 , 55, 71-87	8.7	1
90	Genome-wide analysis of MicroRNA-messenger RNA interactome in ex-vivo gill filaments, <i>Anguilla japonica</i> . <i>BMC Genomics</i> , 2020 , 21, 208	4.5	2
89	Comparative Analysis of PFOS and PFOA Toxicity on Sertoli Cells. <i>Environmental Science & Technology</i> , 2020 , 54, 3465-3475	10.3	15
88	A crustacean annotated transcriptome (CAT) database. <i>BMC Genomics</i> , 2020 , 21, 32	4.5	9
87	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration. <i>PLoS ONE</i> , 2020 , 15, e0241932	3.7	2

86	Bisphenol compounds regulate decidualized stromal cells in modulating trophoblastic spheroid outgrowth and invasion in vitro <i>Biology of Reproduction</i> , 2020 , 102, 693-704	3.9	2
85	The roles of calcium-sensing receptor (CaSR) in heavy metals-induced nephrotoxicity. <i>Life Sciences</i> , 2020 , 242, 117183	6.8	7
84	Calcimimetic compound NPS R-467 protects against chronic cadmium-induced mouse kidney injury by restoring autophagy process. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 189, 110052	7	18
83	Microtubule Cytoskeleton and Spermatogenesis-Lesson From Studies of Toxicant Models. <i>Toxicological Sciences</i> , 2020 , 177, 305-315	4.4	5
82	Effects of Exposure to Perfluorooctane Sulfonate on Placental Functions. <i>Environmental Science & Technology</i> , 2020 , 54, 16050-16061	10.3	2
81	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration 2020 , 15, e0241932		
80	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration 2020 , 15, e0241932		
79	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration 2020 , 15, e0241932		
78	Effects of stanniocalcin-1 overexpressing hepatocellular carcinoma cells on macrophage migration 2020 , 15, e0241932		
77	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> , 2019 , 130, 104885	12.9	6
76	CAMSAP2 Is a Microtubule Minus-End Targeting Protein That Regulates BTB Dynamics Through Cytoskeletal Organization. <i>Endocrinology</i> , 2019 , 160, 1448-1467	4.8	10
75	Inhibition of Autophagy Alleviates Cadmium-Induced Mouse Spleen and Human B Cells Apoptosis. <i>Toxicological Sciences</i> , 2019 , 170, 109-122	4.4	16
74	F5-peptide enhances the efficacy of the non-hormonal male contraceptive adjuvin. <i>Contraception</i> , 2019 , 99, 350-356	2.5	8
73	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 & Technology</i> , 2019 , 53, 2881-2891	10.3	60
72	Myosin VIIa Supports Spermatid/Organelle Transport and Cell Adhesion During Spermatogenesis in the Rat Testis. <i>Endocrinology</i> , 2019 , 160, 484-503	4.8	12
71	mTORC1/rpS6 and spermatogenic function in the testis-insights from the adjuvin model. <i>Reproductive Toxicology</i> , 2019 , 89, 54-66	3.4	8
70	F5-Peptide and mTORC1/rpS6 Effectively Enhance BTB Transport Function in the Testis-Lesson From the Adjuvin Model. <i>Endocrinology</i> , 2019 , 160, 1832-1853	4.8	14
69	Actin nucleator Spire 1 is a regulator of ectoplasmic specialization in the testis. <i>Cell Death and Disease</i> , 2018 , 9, 208	9.8	28

68	Activation of Ca-sensing receptor as a protective pathway to reduce Cadmium-induced cytotoxicity in renal proximal tubular cells. <i>Scientific Reports</i> , 2018 , 8, 1092	4.9	25
67	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> , 2018 , 73, 288-296	4.3	16
66	Signaling pathways regulating blood-tissue barriers - Lesson from the testis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 141-153	3.8	20
65	Cell polarity and planar cell polarity (PCP) in spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 81, 71-77	7.5	10
64	Cell polarity and cytoskeletons-Lesson from the testis. <i>Seminars in Cell and Developmental Biology</i> , 2018 , 81, 21-32	7.5	9
63	Dynein 1 supports spermatid transport and spermiation during spermatogenesis in the rat testis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E924-E948	6	21
62	Comparative proteomics and codon substitution analysis reveal mechanisms of differential resistance to hypoxia in congeneric snails. <i>Journal of Proteomics</i> , 2018 , 172, 36-48	3.9	6
61	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> , 2018 , 9, 2552	5.7	37
60	Transcriptomic and methylomic analysis reveal the toxicological effect of 2,3,7,8-Tetrachlorodibenzodioxin on human embryonic stem cell. <i>Chemosphere</i> , 2018 , 206, 663-673	8.4	4
59	GPER/Hippo-YAP signal is involved in Bisphenol S induced migration of triple negative breast cancer (TNBC) cells. <i>Journal of Hazardous Materials</i> , 2018 , 355, 1-9	12.8	33
58	Transcriptome sequencing reveals prenatal PFOS exposure on liver disorders. <i>Environmental Pollution</i> , 2017 , 223, 416-425	9.3	20
57	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> , 2017 , 124, 743-752	6.7	22
56	Ginsenoside-Rb1 targets chemotherapy-resistant ovarian cancer stem cells via simultaneous inhibition of Wnt/ β -catenin signaling and epithelial-to-mesenchymal transition. <i>Oncotarget</i> , 2017 , 8, 25897-25914	3.3	48
55	Transcriptomic and Functional Analyses on the Effects of Dioxin on Insulin Secretion of Pancreatic Islets and β Cells. <i>Environmental Science & Technology</i> , 2017 , 51, 11390-11400	10.3	6
54	Effects of in Utero PFOS Exposure on Transcriptome, Lipidome, and Function of Mouse Testis. <i>Environmental Science & Technology</i> , 2017 , 51, 8782-8794	10.3	32
53	Bisphenol A alters gut microbiome: Comparative metagenomics analysis. <i>Environmental Pollution</i> , 2016 , 218, 923-930	9.3	88
52	Mutagenic Azo Dyes, Rather Than Flame Retardants, Are the Predominant Brominated Compounds in House Dust. <i>Environmental Science & Technology</i> , 2016 , 50, 12669-12677	10.3	33
51	Osteoclast-derived exosomal miR-214-3p inhibits osteoblastic bone formation. <i>Nature Communications</i> , 2016 , 7, 10872	17.4	286

50	Hypoxia causes transgenerational impairments in reproduction of fish. <i>Nature Communications</i> , 2016 , 7, 12114	17.4	87
49	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> , 2016 , 59, 141-156	7.5	34
48	Activation of GPER suppresses epithelial mesenchymal transition of triple negative breast cancer cells via NF- κ B signals. <i>Molecular Oncology</i> , 2016 , 10, 775-88	7.9	42
47	Connexin 43 reboots meiosis and reseals blood-testis barrier following toxicant-mediated aspermatogenesis and barrier disruption. <i>FASEB Journal</i> , 2016 , 30, 1436-52	0.9	32
46	Rescue of perfluorooctanesulfonate (PFOS)-mediated Sertoli cell injury by overexpression of gap junction protein connexin 43. <i>Scientific Reports</i> , 2016 , 6, 29667	4.9	25
45	Pathogenesis of POLR1C-dependent Type 3 Treacher Collins Syndrome revealed by a zebrafish model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1147-58	6.9	26
44	Formin 1 Regulates Microtubule and F-Actin Organization to Support Spermatid Transport During Spermatogenesis in the Rat Testis. <i>Endocrinology</i> , 2016 , 157, 2894-908	4.8	21
43	Fatty liver disease induced by perfluorooctane sulfonate: Novel insight from transcriptome analysis. <i>Chemosphere</i> , 2016 , 159, 166-177	8.4	28
42	Transcriptomic responses of corpuscle of Stannius gland of Japanese eels (<i>Anguilla japonica</i>) to changes in water salinity. <i>Scientific Reports</i> , 2015 , 5, 9836	4.9	20
41	Actin-bundling protein plastin 3 is a regulator of ectoplasmic specialization dynamics during spermatogenesis in the rat testis. <i>FASEB Journal</i> , 2015 , 29, 3788-805	0.9	29
40	Formin 1 Regulates Ectoplasmic Specialization in the Rat Testis Through Its Actin Nucleation and Bundling Activity. <i>Endocrinology</i> , 2015 , 156, 2969-83	4.8	31
39	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> , 2015 , 16, 135	4.5	40
38	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> , 2015 , 14, 4296-308	5.6	25
37	Characterization of stanniocalcin 1 binding and signaling in gill cells of Japanese eels. <i>Journal of Molecular Endocrinology</i> , 2015 , 54, 305-14	4.5	4
36	Data for transcriptomic and iTRAQ proteomic analysis of <i>Anguilla japonica</i> gills in response to osmotic stress. <i>Data in Brief</i> , 2015 , 3, 120-5	1.2	2
35	Transcriptomic analysis reveals specific osmoregulatory adaptive responses in gill mitochondria-rich cells and pavement cells of the Japanese eel. <i>BMC Genomics</i> , 2015 , 16, 1072	4.5	22
34	Stanniocalcin-1 Reduces Tumor Size in Human Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0139977	3.7	15
33	Chemical and biological characterization of air particulate matter 2.5, collected from five cities in China. <i>Environmental Pollution</i> , 2014 , 194, 188-195	9.3	52

32	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> , 2014 , 226, 81-9	4.4	104
31	Role of non-receptor protein tyrosine kinases in spermatid transport during spermatogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 30, 65-74	7.5	19
30	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> , 2014 , 105, 133-43	3.9	18
29	Methionine oxidation in albumin by fine haze particulate matter: an in vitro and in vivo study. <i>Journal of Hazardous Materials</i> , 2014 , 274, 384-91	12.8	24
28	Perinatal exposure to perfluorooctane sulfonate affects glucose metabolism in adult offspring. <i>PLoS ONE</i> , 2014 , 9, e87137	3.7	57
27	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> , 2014 , 307, E553-62	6	24
26	Germ cell transport across the seminiferous epithelium during spermatogenesis. <i>Physiology</i> , 2014 , 29, 286-98	9.8	66
25	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> , 2014 , 155, 249-62	4.8	87
24	N-wasp is required for structural integrity of the blood-testis barrier. <i>PLoS Genetics</i> , 2014 , 10, e1004447	6	23
23	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> , 2014 , 534, 181-94	1.7	15
22	Partitioning behavior of perfluorinated compounds between sediment and biota in the Pearl River Delta of South China. <i>Marine Pollution Bulletin</i> , 2014 , 83, 148-54	6.7	21
21	The apical ES-BTB-BM functional axis is an emerging target for toxicant-induced infertility. <i>Trends in Molecular Medicine</i> , 2013 , 19, 396-405	11.5	25
20	Blood plasma concentrations of endocrine disrupting chemicals in Hong Kong populations. <i>Journal of Hazardous Materials</i> , 2013 , 261, 763-9	12.8	83
19	Stanniocalcin-1 and -2 promote angiogenic sprouting in HUVECs via VEGF/VEGFR2 and angiotensin signaling pathways. <i>Molecular and Cellular Endocrinology</i> , 2013 , 374, 73-81	4.4	46
18	Targeting testis-specific proteins to inhibit spermatogenesis: lesson from endocrine disrupting chemicals. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 839-55	6.4	46
17	Evolution and roles of stanniocalcin. <i>Molecular and Cellular Endocrinology</i> , 2012 , 349, 272-80	4.4	142
16	PFOS-induced hepatic steatosis, the mechanistic actions on oxidation and lipid transport. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1092-101	4	92
15	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> , 2011 , 19, 2515-27	5.1	39

14	Stanniocalcin-1 regulates re-epithelialization in human keratinocytes. <i>PLoS ONE</i> , 2011 , 6, e27094	3.7	22
13	Assessment of risk to humans of bisphenol A in marine and freshwater fish from Pearl River Delta, China. <i>Chemosphere</i> , 2011 , 85, 122-8	8.4	64
12	Risk assessment for human consumption of perfluorinated compound-contaminated freshwater and marine fish from Hong Kong and Xiamen. <i>Chemosphere</i> , 2011 , 85, 277-83	8.4	79
11	Sp1 is a transcription repressor to stanniocalcin-1 expression in TSA-treated human colon cancer cells, HT29. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 2089-96	4.7	23
10	nbce1 and H ⁺ 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> , 2011 , 89, 348-355	1.5	12
9	Identification and characterization of the hypoxia-responsive element in human stanniocalcin-1 gene. <i>Molecular and Cellular Endocrinology</i> , 2010 , 314, 118-27	4.4	40
8	Histone deacetylase inhibitor-induced cellular apoptosis involves stanniocalcin-1 activation. <i>Experimental Cell Research</i> , 2008 , 314, 2975-84	4.2	30
7	Effects of dexamethasone and dibutyryl cAMP on stanniocalcin-1 mRNA expression in rat primary Sertoli and Leydig cells. <i>Molecular and Cellular Endocrinology</i> , 2008 , 283, 96-103	4.4	15
6	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> , 2006 , 346, 1181-90	3.4	102
5	Effects of TCDD in modulating the expression of Sertoli cell secretory products and markers for cell-cell interaction. <i>Toxicology</i> , 2005 , 206, 111-23	4.4	21
4	Hypoxia-inducible factor-1-mediated activation of stanniocalcin-1 in human cancer cells. <i>Endocrinology</i> , 2005 , 146, 4951-60	4.8	86
3	Dioxin-like components in human breast milk collected from Hong Kong and Guangzhou. <i>Environmental Research</i> , 2004 , 96, 88-94	7.9	18
2	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> , 1999 , 277, R517-22	3.2	17
1	Comparative analysis of mammalian stanniocalcin genes. <i>Endocrinology</i> , 1998 , 139, 4714-25	4.8	123