

# Wai-Kit Chu

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

2,302  
citations

279798

23  
h-index

233421

45  
g-index

72  
all docs

72  
docs citations

72  
times ranked

3347  
citing authors

#	ARTICLE	IF	CITATIONS
1	RecQ helicases: multifunctional genome caretakers. <i>Nature Reviews Cancer</i> , 2009, 9, 644-654.	28.4	423
2	MUS81 promotes common fragile site expression. <i>Nature Cell Biology</i> , 2013, 15, 1001-1007.	10.3	234
3	A Small Molecule Inhibitor of the BLM Helicase Modulates Chromosome Stability in Human Cells. <i>Chemistry and Biology</i> , 2013, 20, 55-62.	6.0	128
4	DNA Methylation as a Noninvasive Epigenetic Biomarker for the Detection of Cancer. <i>Disease Markers</i> , 2017, 2017, 1-13.	1.3	101
5	Enhancers are activated by p300/CBP activity-dependent PIC assembly, RNAPII recruitment, and pause release. <i>Molecular Cell</i> , 2021, 81, 2166-2182.e6.	9.7	94
6	FBH1 Catalyzes Regression of Stalled Replication Forks. <i>Cell Reports</i> , 2015, 10, 1749-1757.	6.4	90
7	FBH1 co-operates with MUS81 in inducing DNA double-strand breaks and cell death following replication stress. <i>Nature Communications</i> , 2013, 4, 1423.	12.8	81
8	FBH1 Helicase Disrupts RAD51 Filaments In Vitro and Modulates Homologous Recombination in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 34168-34180.	3.4	72
9	Pterygium: new insights. <i>Eye</i> , 2020, 34, 1047-1050.	2.1	67
10	Growth hormone-releasing hormone receptor antagonists inhibit human gastric cancer through downregulation of PAK1/STAT3/NF- $\kappa$ B signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14745-14750.	7.1	62
11	FBH1 influences DNA replication fork stability and homologous recombination through ubiquitylation of RAD51. <i>Nature Communications</i> , 2015, 6, 5931.	12.8	59
12	Genetic associations for keratoconus: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 4620.	3.3	54
13	Green tea catechins are potent anti-oxidants that ameliorate sodium iodate-induced retinal degeneration in rats. <i>Scientific Reports</i> , 2016, 6, 29546.	3.3	49
14	The Association of Choroidal Thickening by Atropine With Treatment Effects for Myopia: Two-Year Clinical Trial of the Low-concentration Atropine for Myopia Progression (LAMP) Study. <i>American Journal of Ophthalmology</i> , 2022, 237, 130-138.	3.3	39
15	BLM has early and late functions in homologous recombination repair in mouse embryonic stem cells. <i>Oncogene</i> , 2010, 29, 4705-4714.	5.9	37
16	Green tea extract attenuates LPS-induced retinal inflammation in rats. <i>Scientific Reports</i> , 2018, 8, 429.	3.3	37
17	Crystal Structure of a Hyperthermophilic Archaeal Acylphosphatase from <i>Pyrococcus horikoshii</i> : Structural Insights into Enzymatic Catalysis, Thermostability, and Dimerization. <i>Biochemistry</i> , 2005, 44, 4601-4611.	2.5	35
18	Genetic Associations of Primary Angle-Closure Disease. <i>Ophthalmology</i> , 2016, 123, 1211-1221.	5.2	32

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19	Antagonists of growth hormone-releasing hormone receptor induce apoptosis specifically in retinoblastoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14396-14401.	7.1	30
20	Identification of <i>ANGPT2</i> as a New Gene for Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in the Chinese and Japanese Populations. , 2017, 58, 1076.		29
21	Reduced CD38 expression on CD34+ cells as a diagnostic test in myelodysplastic syndromes. Haematologica, 2009, 94, 1160-1163.	3.5	28
22	Synthesis and SAR studies of 5-(pyridin-4-yl)-1,3,4-thiadiazol-2-amine derivatives as potent inhibitors of Bloom helicase. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5660-5666.	2.2	28
23	Rapamycin Removes Damaged Mitochondria and Protects Human Trabecular Meshwork (TM-1) Cells from Chronic Oxidative Stress. Molecular Neurobiology, 2019, 56, 6586-6593.	4.0	27
24	Signaling mechanisms of growth hormone-releasing hormone receptor in LPS-induced acute ocular inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6067-6074.	7.1	26
25	Vitamin D and Ocular Diseases: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 4226.	4.1	26
26	Global retinoblastoma survival and globe preservation: a systematic review and meta-analysis of associations with socioeconomic and health-care factors. The Lancet Global Health, 2022, 10, e380-e389.	6.3	25
27	The Evolving Story of Pterygium. Cornea, 2018, 37, S55-S57.	1.7	24
28	DNA replication stress and its impact on chromosome segregation and tumorigenesis. Seminars in Cancer Biology, 2019, 55, 61-69.	9.6	23
29	MicroRNA-19a-PTEN Axis Is Involved in the Developmental Decline of Axon Regenerative Capacity in Retinal Ganglion Cells. Molecular Therapy - Nucleic Acids, 2020, 21, 251-263.	5.1	20
30	Histological and microRNA Signatures of Corneal Epithelium in Keratoconus. Journal of Refractive Surgery, 2018, 34, 201-211.	2.3	20
31	Identification of <i>PGF</i> as a New Gene for Neovascular Age-Related Macular Degeneration in a Chinese Population. , 2016, 57, 1714.		19
32	Cellular Proliferation and Migration of Human Pterygium Cells: Mitomycin Versus Small-Molecule Inhibitors. Cornea, 2018, 37, 760-766.	1.7	19
33	Association of toll-like receptor 3 polymorphism rs3775291 with age-related macular degeneration: a systematic review and meta-analysis. Scientific Reports, 2016, 6, 19718.	3.3	18
34	p53 inhibition by MDM2 in human pterygium. Experimental Eye Research, 2018, 175, 142-147.	2.6	17
35	Growth hormone-releasing hormone receptor mediates cytokine production in ciliary and iris epithelial cells during LPS-induced ocular inflammation. Experimental Eye Research, 2019, 181, 277-284.	2.6	17
36	Systems Analyses Reveal Shared and Diverse Attributes of Oct4 Regulation in Pluripotent Cells. Cell Systems, 2015, 1, 141-151.	6.2	15

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37	Continuous exposure of nicotine and cotinine retards human primary pterygium cell proliferation and migration. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4203-4213.	2.6	15
38	RB Regulates DNA Double Strand Break Repair Pathway Choice by Mediating CtIP Dependent End Resection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9176.	4.1	14
39	Exposure to Secondhand Smoke in Children is Associated with a Thinner Retinal Nerve Fiber Layer: The Hong Kong Children Eye Study. <i>American Journal of Ophthalmology</i> , 2021, 223, 91-99.	3.3	14
40	Green tea catechins alleviate autoimmune symptoms and visual impairment in a murine model for human chronic intraocular inflammation by inhibiting Th17-associated pro-inflammatory gene expression. <i>Scientific Reports</i> , 2019, 9, 2301.	3.3	13
41	Assessment of SARS-CoV-2 Immunity in Convalescent Children and Adolescents. <i>Frontiers in Immunology</i> , 2021, 12, 797919.	4.8	13
42	Post-translational modifications on the retinoblastoma protein. <i>Journal of Biomedical Science</i> , 2022, 29, .	7.0	13
43	Quantitative Characterization of Autoimmune Uveoretinitis in an Experimental Mouse Model. , 2017, 58, 4193.		10
44	Induction of Apoptosis in Pterygium Cells by Antagonists of Growth Hormoneâ€“Releasing Hormone Receptors. , 2018, 59, 5060.		9
45	Coding Region Mutation Screening in Optineurin in Chinese Normal-Tension Glaucoma Patients. <i>Disease Markers</i> , 2019, 2019, 1-5.	1.3	9
46	Increased Expression of Growth Hormoneâ€“Releasing Hormone in Fibrinous Inflammation of Proliferative Diabetic Retinopathy. <i>American Journal of Ophthalmology</i> , 2020, 215, 81-90.	3.3	8
47	Rosiglitazone suppresses gastric carcinogenesis by up-regulating HCaRG expression. <i>Oncology Reports</i> , 2008, 20, 1093-7.	2.6	7
48	Systemic and Ocular Anti-Inflammatory Mechanisms of Green Tea Extract on Endotoxin-Induced Ocular Inflammation. <i>Frontiers in Endocrinology</i> , 0, 13, .	3.5	7
49	Potential Roles of the Retinoblastoma Protein in Regulating Genome Editing. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 81.	3.7	6
50	A Cohesin Subunit Variant Identified from a Peripheral Sclerocornea Pedigree. <i>Disease Markers</i> , 2019, 2019, 1-8.	1.3	6
51	Epigallocatechin-3-gallate (EGCG) inhibits myofibroblast transformation of human Tenon's fibroblasts. <i>Experimental Eye Research</i> , 2020, 197, 108119.	2.6	6
52	Elevated level of uric acid in aqueous humour is associated with posterior subcapsular cataract in human lens. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1183-1191.	2.6	6
53	Ruxolitinib Alleviates Uveitis Caused by Salmonella typhimurium Endotoxin. <i>Microorganisms</i> , 2021, 9, 1481.	3.6	5
54	Transcription-Replication Collisions and Chromosome Fragility. <i>Frontiers in Genetics</i> , 2021, 12, 804547.	2.3	5

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55	Anti-inflammatory Effects of GTE in Eye Diseases. <i>Frontiers in Nutrition</i> , 2021, 8, 753955.	3.7	5
56	A Novel Antirecombinase Gains PARity. <i>Molecular Cell</i> , 2012, 45, 6-7.	9.7	4
57	Depot-specific characteristics of adipose tissue-derived stromal cells in thyroid-associated orbitopathy. <i>British Journal of Ophthalmology</i> , 2018, 102, 1173-1178.	3.9	3
58	Epigenetic Biomarkers in Cancer. <i>Disease Markers</i> , 2018, 2018, 1-2.	1.3	3
59	A sclerocornea-associated RAD21 variant induces corneal stroma disorganization. <i>Experimental Eye Research</i> , 2019, 185, 107687.	2.6	3
60	Elevated bone morphogenic protein 4 expression implicated in site-specific adipogenesis in thyroid associated orbitopathy. <i>Experimental Eye Research</i> , 2019, 181, 185-189.	2.6	3
61	rad21 Is Involved in Corneal Stroma Development by Regulating Neural Crest Migration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7807.	4.1	3
62	Epigallocatechin-3-gallate increases autophagic activity attenuating TGF- $\beta$ 1-induced transformation of human Tenon's fibroblasts. <i>Experimental Eye Research</i> , 2021, 204, 108447.	2.6	3
63	Poly ADP Ribose Polymerase Inhibitor Olaparib Targeting Microhomology End Joining in Retinoblastoma Protein Defective Cancer: Analysis of the Retinoblastoma Cell-Killing Effects by Olaparib after Inducing Double-Strand Breaks. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10687.	4.1	3
64	Retina Genes in Chinese. <i>Essentials in Ophthalmology</i> , 2019, , 177-190.	0.1	0
65	Retinoblastoma Genes in Chinese Studies. <i>Essentials in Ophthalmology</i> , 2019, , 297-311.	0.1	0
66	Oncologic Implications of Genetic and Epigenetic Basis of Pterygium. <i>Essentials in Ophthalmology</i> , 2021, , 415-423.	0.1	0
67	Reduced CD38 Expression on CD34+ Cells as a Diagnostic Test in Myelodysplastic Syndromes. <i>Blood</i> , 2008, 112, 2670-2670.	1.4	0
68	Molecular and Clinical Genetics of Retinoblastoma. <i>Essentials in Ophthalmology</i> , 2017, , 243-258.	0.1	0
69	Glaucoma Genes in East Asian Studies. <i>Essentials in Ophthalmology</i> , 2019, , 357-371.	0.1	0
70	Development of herbal molecules in treating autoimmune uveitis: a narrative review. <i>Hong Kong Journal of Ophthalmology: the Official Publication of the College of Ophthalmologists of Hong Kong = Xianggang Yan Ke Xue Kan: Xianggang Yan Ke Yi Xue Yuan</i> , 2022, 25, 57-64.	0.0	0