

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	Development of herbal molecules in treating autoimmune uveitis: a narrative review. 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, 2022, 25, 57-64.	0.0	0
2	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
3	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. American Journal of Ophthalmology, 2022, 237, 130-138.	3.3	39
4	Vitamin D and Ocular Diseases: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 4226.	4.1	26
5	Post-translational modifications on the retinoblastoma protein. Journal of Biomedical Science, 2022, 29, .	7.0	13
6	Exposure to Secondhand Smoke in Children is Associated with a Thinner Retinal Nerve Fiber Layer: The Hong Kong Children Eye Study. American Journal of Ophthalmology, 2021, 223, 91-99.	3.3	14
7	Epigallocatechin-3-gallate increases autophagic activity attenuating TGF- β 21-induced transformation of human Tenon's fibroblasts. Experimental Eye Research, 2021, 204, 108447.	2.6	3
8	Enhancers are activated by p300/CBP activity-dependent PIC assembly, RNAPII recruitment, and pause release. Molecular Cell, 2021, 81, 2166-2182.e6.	9.7	94
9	Ruxolitinib Alleviates Uveitis Caused by Salmonella typhimurium Endotoxin. Microorganisms, 2021, 9, 1481.	3.6	5
10	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. International Journal of Molecular Sciences, 2021, 22, 10687.	4.1	3
11	Oncologic Implications of Genetic and Epigenetic Basis of Pterygium. Essentials in Ophthalmology, 2021, , 415-423.	0.1	0
12	Assessment of SARS-CoV-2 Immunity in Convalescent Children and Adolescents. Frontiers in Immunology, 2021, 12, 797919.	4.8	13
13	Transcription-Replication Collisions and Chromosome Fragility. Frontiers in Genetics, 2021, 12, 804547.	2.3	5
14	Anti-inflammatory Effects of GTE in Eye Diseases. Frontiers in Nutrition, 2021, 8, 753955.	3.7	5
15	Epigallocatechin-3-gallate (EGCG) inhibits myofibroblast transformation of human Tenon's fibroblasts. Experimental Eye Research, 2020, 197, 108119.	2.6	6
16	RB Regulates DNA Double Strand Break Repair Pathway Choice by Mediating CtIP Dependent End Resection. International Journal of Molecular Sciences, 2020, 21, 9176.	4.1	14
17	Elevated level of uric acid in aqueous humour is associated with posterior subcapsular cataract in human lens. Clinical and Experimental Ophthalmology, 2020, 48, 1183-1191.	2.6	6
18	rad21 Is Involved in Corneal Stroma Development by Regulating Neural Crest Migration. International Journal of Molecular Sciences, 2020, 21, 7807.	4.1	3

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19	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
20	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
21	Pterygium: new insights. Eye, 2020, 34, 1047-1050.	2.1	67
22	Increased Expression of Growth Hormone-Releasing Hormone in Fibrinous Inflammation of Proliferative Diabetic Retinopathy. American Journal of Ophthalmology, 2020, 215, 81-90.	3.3	8
23	A sclerocornea-associated RAD21 variant induces corneal stroma disorganization. Experimental Eye Research, 2019, 185, 107687.	2.6	3
24	Coding Region Mutation Screening in Optineurin in Chinese Normal-Tension Glaucoma Patients. Disease Markers, 2019, 2019, 1-5.	1.3	9
25	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
26	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
27	Elevated bone morphogenic protein 4 expression implicated in site-specific adipogenesis in thyroid associated orbitopathy. Experimental Eye Research, 2019, 181, 185-189.	2.6	3
28	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. Scientific Reports, 2019, 9, 2301.	3.3	13
29	A Cohesin Subunit Variant Identified from a Peripheral Sclerocornea Pedigree. Disease Markers, 2019, 2019, 1-8.	1.3	6
30	Retina Genes in Chinese. Essentials in Ophthalmology, 2019, , 177-190.	0.1	0
31	Retinoblastoma Genes in Chinese Studies. Essentials in Ophthalmology, 2019, , 297-311.	0.1	0
32	Continuous exposure of nicotine and cotinine retards human primary pterygium cell proliferation and migration. Journal of Cellular Biochemistry, 2019, 120, 4203-4213.	2.6	15
33	DNA replication stress and its impact on chromosome segregation and tumorigenesis. Seminars in Cancer Biology, 2019, 55, 61-69.	9.6	23
34	Glaucoma Genes in East Asian Studies. Essentials in Ophthalmology, 2019, , 357-371.	0.1	0
35	Depot-specific characteristics of adipose tissue-derived stromal cells in thyroid-associated orbitopathy. British Journal of Ophthalmology, 2018, 102, 1173-1178.	3.9	3
36	Green tea extract attenuates LPS-induced retinal inflammation in rats. Scientific Reports, 2018, 8, 429.	3.3	37

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37	Cellular Proliferation and Migration of Human Pterygium Cells: Mitomycin Versus Small-Molecule Inhibitors. <i>Cornea</i> , 2018, 37, 760-766.	1.7	19
38	Induction of Apoptosis in Pterygium Cells by Antagonists of Growth Hormoneâ€“Releasing Hormone Receptors. , 2018, 59, 5060.		9
39	The Evolving Story of Pterygium. <i>Cornea</i> , 2018, 37, S55-S57.	1.7	24
40	Epigenetic Biomarkers in Cancer. <i>Disease Markers</i> , 2018, 2018, 1-2.	1.3	3
41	p53 inhibition by MDM2 in human pterygium. <i>Experimental Eye Research</i> , 2018, 175, 142-147.	2.6	17
42	Potential Roles of the Retinoblastoma Protein in Regulating Genome Editing. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 81.	3.7	6
43	Histological and microRNA Signatures of Corneal Epithelium in Keratoconus. <i>Journal of Refractive Surgery</i> , 2018, 34, 201-211.	2.3	20
44	Genetic associations for keratoconus: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2017, 7, 4620.	3.3	54
45	DNA Methylation as a Noninvasive Epigenetic Biomarker for the Detection of Cancer. <i>Disease Markers</i> , 2017, 2017, 1-13.	1.3	101
46	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
47	Quantitative Characterization of Autoimmune Uveoretinitis in an Experimental Mouse Model. , 2017, 58, 4193.		10
48	Molecular and Clinical Genetics of Retinoblastoma. <i>Essentials in Ophthalmology</i> , 2017, , 243-258.	0.1	0
49	Identification of <i>PGF</i> as a New Gene for Neovascular Age-Related Macular Degeneration in a Chinese Population. , 2016, 57, 1714.		19
50	Antagonists of growth hormone-releasing hormone receptor induce apoptosis specifically in retinoblastoma cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14396-14401.	7.1	30
51	Growth hormone-releasing hormone receptor antagonists inhibit human gastric cancer through downregulation of PAK1â€“STAT3/NF- κ B signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14745-14750.	7.1	62
52	Association of toll-like receptor 3 polymorphism rs3775291 with age-related macular degeneration: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2016, 6, 19718.	3.3	18
53	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
54	Genetic Associations of Primary Angle-Closure Disease. <i>Ophthalmology</i> , 2016, 123, 1211-1221.	5.2	32

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55	Systems Analyses Reveal Shared and Diverse Attributes of Oct4 Regulation in Pluripotent Cells. <i>Cell Systems</i> , 2015, 1, 141-151.	6.2	15
56	FBH1 influences DNA replication fork stability and homologous recombination through ubiquitylation of RAD51. <i>Nature Communications</i> , 2015, 6, 5931.	12.8	59
57	FBH1 Catalyzes Regression of Stalled Replication Forks. <i>Cell Reports</i> , 2015, 10, 1749-1757.	6.4	90
58	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
59	MUS81 promotes common fragile site expression. <i>Nature Cell Biology</i> , 2013, 15, 1001-1007.	10.3	234
60	Synthesis and SAR studies of 5-(pyridin-4-yl)-1,3,4-thiadiazol-2-amine derivatives as potent inhibitors of Bloom helicase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 5660-5666.	2.2	28
61	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
62	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
63	A Novel Antirecombinase Gains PARity. <i>Molecular Cell</i> , 2012, 45, 6-7.	9.7	4
64	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
65	RecQ helicases: multifunctional genome caretakers. <i>Nature Reviews Cancer</i> , 2009, 9, 644-654.	28.4	423
66	Reduced CD38 expression on CD34+ cells as a diagnostic test in myelodysplastic syndromes. <i>Haematologica</i> , 2009, 94, 1160-1163.	3.5	28
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	Rosiglitazone suppresses gastric carcinogenesis by up-regulating HCaRG expression. <i>Oncology Reports</i> , 2008, 20, 1093-7.	2.6	7
69	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
70	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