Chi-Chao Chan

List of Publications by Year
in descending order

132 papers	7,438 citations	76326 40 h-index	64796 79 g-index
142 all docs	142 docs citations	142 times ranked	8009 citing authors

#	Article	IF	Citations
1	Toll-like receptor 2 and 6 agonist fibroblast-stimulating lipopeptide increases expression and secretion of CXCL1 and CXCL2 by uveal melanocytes. Experimental Eye Research, 2022, 216, 108943.	2.6	4
2	Histopathology of Age-Related Macular Degeneration and Implications for Pathogenesis and Therapy. Advances in Experimental Medicine and Biology, 2021, 1256, 67-88.	1.6	1
3	Identification of an intraocular microbiota. Cell Discovery, 2021, 7, 13.	6.7	30
4	Clinical and Histopathologic Correlates of Asymmetric Retinitis Pigmentosa. JAMA Ophthalmology, 2021, 139, 1029.	2.5	0
5	Vascular Changes in the Retina and Choroid of Patients With EPAS1 Gain-of-Function Mutation Syndrome. JAMA Ophthalmology, 2020, 138, 148.	2.5	4
6	The Cytokine IL-17A Limits Th17 Pathogenicity via a Negative Feedback Loop Driven by Autocrine Induction of IL-24. Immunity, 2020, 53, 384-397.e5.	14.3	101
7	Multimodal Imaging Features of Bilateral Choroidal Ganglioneuroma. Journal of Ophthalmology, 2020, 2020, 1-8.	1.3	2
8	Autoimmunity to neuroretina in the concurrent absence of IFN-Î³ and IL-17A is mediated by a GM-CSF-driven eosinophilic inflammation. Journal of Autoimmunity, 2020, 114, 102507.	6.5	8
9	Logistic Regression Classification of Primary Vitreoretinal Lymphoma versus Uveitis by Interleukin 6 and Interleukin 10 Levels. Ophthalmology, 2020, 127, 956-962.	5.2	22
10	Interleukin 22 ameliorates neuropathology and protects from central nervous system autoimmunity. Journal of Autoimmunity, 2019, 102, 65-76.	6.5	21
11	Pseudovirus rVSVÎ”G-ZEBOV-GP Infects Neurons in Retina and CNS, Causing Apoptosis and Neurodegeneration in Neonatal Mice. Cell Reports, 2019, 26, 1718-1726.e4.	6.4	29
12	Unlike Th1/Th17Âcells, Th2/Th9 cells selectively migrate to the limbus/conjunctiva and initiate an eosinophilic infiltration process. Experimental Eye Research, 2018, 166, 116-119.	2.6	5
13	Prediction of myopia development among Chinese school-aged children using refraction data from electronic medical records: A retrospective, multicentre machine learning study. PLoS Medicine, 2018, 15, e1002674.	8.4	93
14	Minimal Efficacy of Nitisinone Treatment in a Novel Mouse Model of Oculocutaneous Albinism, Type 3. , 2018, 59, 4945.		10
15	Mutation in the intracellular chloride channel CLCC1 associated with autosomal recessive retinitis pigmentosa. PLoS Genetics, 2018, 14, e1007504.	3.5	25
16	ZIKA virus infection causes persistent chorioretinal lesions. Emerging Microbes and Infections, 2018, 7, 1-15.	6.5	45
17	Uveal melanocytes express high constitutive levels of MMP-8 which can be upregulated by TNF-Î± via the MAPK pathway. Experimental Eye Research, 2018, 175, 181-191.	2.6	8
18	Gradient Boosted Decision Tree Classification of Endophthalmitis Versus Uveitis and Lymphoma from Aqueous and Vitreous IL-6 and IL-10 Levels. Journal of Ocular Pharmacology and Therapeutics, 2017, 33, 319-324.	1.4	12

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19	Gut microbiota as a source of a surrogate antigen that triggers autoimmunity in an immune privileged site. Gut Microbes, 2017, 8, 59-66.	9.8	48
20	Genetic background-dependent role of <i>Egr1</i> for eyelid development. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7131-E7139.	7.1	6
21	Special Issue in Honor of Robert B. Nussenblatt, MD, MPH. Journal of Ocular Pharmacology and Therapeutics, 2017, 33, 213-213.	1.4	0
22	No Sex Differences in the Frequencies of Common Single Nucleotide Polymorphisms Associated with Age-Related Macular Degeneration. Current Eye Research, 2017, 42, 470-475.	1.5	2
23	Case 01-2017â€"Primary vitreoretinal lymphoma (PVRL): report of a case and update of literature from 1942 to 2016. Annals of Eye Science, 2017, 2, 32-32.	2.1	5
24	Genetics and Pathology of Inflammatory Components on AMD. Essentials in Ophthalmology, 2017, , 193-208.	0.1	0
25	NLRP3 Upregulation in Retinal Pigment Epithelium in Age-Related Macular Degeneration. International Journal of Molecular Sciences, 2016, 17, 73.	4.1	54
26	Consensus on the Diagnosis and Management of Nonparaneoplastic Autoimmune Retinopathy Using a Modified Delphi Approach. American Journal of Ophthalmology, 2016, 168, 183-190.	3.3	93
27	Functional single nucleotide polymorphism in <scp><i>IL</i></scp><i>â[^]'17</i><scp><i>A</i></scp> 3â€² untranslated region is targeted by mi<scp>R</scp>â€4480 in vitro and may be associated with ageâ€related macular degeneration. Environmental and Molecular Mutagenesis, 2016, 57, 58-64.	2.2	15
28	Tertiary Lymphoid Tissue Forms in Retinas of Mice with Spontaneous Autoimmune Uveitis and Has Consequences on Visual Function. Journal of Immunology, 2016, 196, 1013-1025.	0.8	34
29	Complement anaphylatoxin receptors C3aR and C5aR are required in the pathogenesis of experimental autoimmune uveitis. Journal of Leukocyte Biology, 2016, 99, 447-454.	3.3	29
30	Vitreoretinal lymphomas misdiagnosed as uveitis: Lessons learned from a case series. Indian Journal of Ophthalmology, 2016, 64, 369.	1.1	14
31	Intraocular Lymphoma Models. Ocular Oncology and Pathology, 2015, 1, 214-222.	1.0	9
32	Wnt signaling in age-related macular degeneration: human macular tissue and mouse model. Journal of Translational Medicine, 2015, 13, 330.	4.4	36
33	Responses of Multipotent Retinal Stem Cells to IL-1<i><i>Î²</i></i>, IL-18, or IL-17. Journal of Ophthalmology, 2015, 2015, 1-9.	1.3	9
34	Characterization of a New Epitope of IRBP That Induces Moderate to Severe Uveoretinitis in Mice With H-2^bHaplotype. , 2015, 56, 5439.		35
35	Pathology characteristics of ocular von Hippel-Lindau disease with neovascularization of the iris and cornea: a case report. Journal of Medical Case Reports, 2015, 9, 66.	0.8	11
36	Retina-Specific T Regulatory Cells Bring About Resolution and Maintain Remission of Autoimmune Uveitis. Journal of Immunology, 2015, 194, 3011-3019.	0.8	79

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37	Microbiota-Dependent Activation of an Autoreactive T Cell Receptor Provokes Autoimmunity in an Immunologically Privileged Site. Immunity, 2015, 43, 343-353.	14.3	324
38	Gender Differences in Vogt-Koyanagi-Harada Disease and Sympathetic Ophthalmia. Journal of Ophthalmology, 2014, 2014, 1-8.	1.3	22
39	Inflammation and Cell Death in Age-Related Macular Degeneration: An Immunopathological and Ultrastructural Model. Journal of Clinical Medicine, 2014, 3, 1542-1560.	2.4	40
40	Gender and Uveitis. Journal of Ophthalmology, 2014, 2014, 1-2.	1.3	5
41	Implications of DNA Leakage in Eyes of Mutant Mice. Ultrastructural Pathology, 2014, 38, 335-343.	0.9	21
42	Acute Retinal Necrosis Associated With Epstein-Barr Virus. JAMA Ophthalmology, 2014, 132, 881.	2.5	47
43	Animal models of age-related macular degeneration and their translatability into the clinic. Expert Review of Ophthalmology, 2014, 9, 285-295.	0.6	15
44	IL-27p28 inhibits central nervous system autoimmunity by concurrently antagonizing Th1 and Th17 responses. Journal of Autoimmunity, 2014, 50, 12-22.	6.5	62
45	Distinct MicroRNA-155 Expression in the Vitreous of Patients With Primary Vitreoretinal Lymphoma and Uveitis. American Journal of Ophthalmology, 2014, 157, 728-734.	3.3	43
46	Platelet-derived growth factor (PDGF)-C inhibits neuroretinal apoptosis in a murine model of focal retinal degeneration. Laboratory Investigation, 2014, 94, 674-682.	3.7	16
47	Constitutive and LPS-Induced Expression of MCP-1 and IL-8 by Human Uveal Melanocytes In Vitro and Relevant Signal Pathways. , 2014, 55, 5760.		25
48	Autoimmune and autoinflammatory mechanisms in uveitis. Seminars in Immunopathology, 2014, 36, 581-594.	6.1	120
49	Molecular Pathology of Macrophages and Interleukin-17 in Age-Related Macular Degeneration. Advances in Experimental Medicine and Biology, 2014, 801, 193-198.	1.6	31
50	Interleukin-17 Retinotoxicity Is Prevented by Gene Transfer of a Soluble Interleukin-17 Receptor Acting as a Cytokine Blocker: Implications for Age-Related Macular Degeneration. PLoS ONE, 2014, 9, e95900.	2.5	41
51	Classical Pathology of Sympathetic Ophthalmia Presented in a Unique Case. Open Ophthalmology Journal, 2014, 8, 32-38.	0.2	9
52	Acute Retinal Necrosis with Multiple Viral Infections: A Case Report. International Journal of Ophthalmic Pathology, 2014, 03, .	0.1	4
53	L-2-oxothiazolidine-4-carboxylic acid attenuates oxidative stress and inflammation in retinal pigment epithelium. Molecular Vision, 2014, 20, 73-88.	1.1	11
54	Diagnosis of Occult Melanoma Using Transient Receptor Potential Melastatin 1 (TRPM1) Autoantibody Testing. Ophthalmology, 2013, 120, 2560-2564.	5.2	19

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55	Aging is not a disease: Distinguishing age-related macular degeneration from aging. Progress in Retinal and Eye Research, 2013, 37, 68-89.	15.5	203
56	Pigment Epithelium-Derived Factor Reduces Apoptosis and Pro-Inflammatory Cytokine Gene Expression in a Murine Model of Focal Retinal Degeneration. ASN Neuro, 2013, 5, AN20130028.	2.7	46
57	Influence of TIMP3/SYN3 polymorphisms on the phenotypic presentation of age-related macular degeneration. European Journal of Human Genetics, 2013, 21, 1152-1157.	2.8	25
58	Ten Chairpersons of the Ophthalmology Department at Peking Union Medical College. Asia-Pacific Journal of Ophthalmology, 2013, 2, 3-8.	2.5	1
59	Systems Biology Profiling of AMD on the Basis of Gene Expression. Journal of Ophthalmology, 2013, 2013, 1-7.	1.3	8
60	Evaluating Potential Therapies in a Mouse Model of Focal Retinal Degeneration with Age-related Macular Degeneration (AMD)-Like Lesions. Journal of Clinical & Experimental Ophthalmology, 2013, 04, 1000296.	0.1	7
61	Current concepts in diagnosing and managing primary vitreoretinal (intraocular) lymphoma. Discovery Medicine, 2013, 15, 93-100.	0.5	80
62	Hypomethylation of the IL17RC Promoter Associates with Age-Related Macular Degeneration. Cell Reports, 2012, 2, 1151-1158.	6.4	154
63	Enhanced apoptosis in retinal pigment epithelium under inflammatory stimuli and oxidative stress. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 1144-1155.	4.9	35
64	The<i>Rd8</i>Mutation of the<i>Crb1</i>Gene Is Present in Vendor Lines of C57BL/6N Mice and Embryonic Stem Cells, and Confounds Ocular Induced Mutant Phenotypes. , 2012, 53, 2921.		577
65	Diagnosis of systemic metastatic retinal lymphoma. Acta Ophthalmologica, 2011, 89, e149-e154.	1.1	42
66	Interleukin-1Î² Increases Baseline Expression and Secretion of Interleukin-6 by Human Uveal Melanocytes In Vitro via the p38 MAPK/NF-ÎºB Pathway. , 2011, 52, 3767.		29
67	The First Western-Style Hospital in China. JAMA Ophthalmology, 2011, 129, 791.	2.4	10
68	Macrophage polarization in the maculae of ageâ€related macular degeneration: A pilot study. Pathology International, 2011, 61, 528-535.	1.3	178
69	Complement component C5a Promotes Expression of IL-22 and IL-17 from Human T cells and its Implication in Age-related Macular Degeneration. Journal of Translational Medicine, 2011, 9, 1-12.	4.4	224
70	Naloxone Ameliorates Retinal Lesions in<i>Ccl2/Cx3cr1</i>Double-Deficient Mice via Modulation of Microglia. , 2011, 52, 2897.		32
71	Primary Vitreoretinal Lymphoma: A Report from an International Primary Central Nervous System Lymphoma Collaborative Group Symposium. Oncologist, 2011, 16, 1589-1599.	3.7	386
72	Molecular Biomarkers for the Diagnosis of Primary Vitreoretinal Lymphoma. International Journal of Molecular Sciences, 2011, 12, 5684-5697.	4.1	90

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73	Carboxyethylpyrrole plasma biomarkers in age-related macular degeneration. Drugs of the Future, 2011, 36, 712.	0.1	8
74	The potential pathophysiological role of tissue factor in age-related macular degeneration. Expert Review of Ophthalmology, 2010, 5, 27-34.	0.6	2
75	The effects of quercetin in cultured human RPE cells under oxidative stress and in Ccl2/Cx3cr1 double deficient mice. Experimental Eye Research, 2010, 91, 15-25.	2.6	75
76	Couching for Cataract in China. Survey of Ophthalmology, 2010, 55, 393-398.	4.0	12
77	The Effect of Quercetin in Cultured Human RPE Cells under Oxidative Stress and in Ccl2/Cx3cr1 Double Deficient Mice. FASEB Journal, 2010, 24, 753.4.	0.5	0
78	AAVâ€mediated sFLTâ€1 gene therapy ameliorates retinal lesions in Ccl2/Cx3cr1 deficient mice. FASEB Journal, 2010, 24, 568.8.	0.5	1
79	The Future of Primary Intraocular Lymphoma (Retinal Lymphoma). Ocular Immunology and Inflammation, 2009, 17, 375-379.	1.8	15
80	A High Omega-3 Fatty Acid Diet Reduces Retinal Lesions in a Murine Model of Macular Degeneration. American Journal of Pathology, 2009, 175, 799-807.	3.8	75
81	Immunopathological aspects of age-related macular degeneration. Seminars in Immunopathology, 2008, 30, 97-110.	6.1	149
82	Age-related macular degeneration. Lancet, The, 2008, 372, 1835-1845.	13.7	491
83	<i>Ccl2/Cx3cr1-</i>Deficient Mice: An Animal Model for Age-Related Macular Degeneration. Ophthalmic Research, 2008, 40, 124-128.	1.9	92
84	Either a Th17 or a Th1 effector response can drive autoimmunity: conditions of disease induction affect dominant effector category. Journal of Experimental Medicine, 2008, 205, 799-810.	8.5	627
85	Both Th1 and Th17 Are Immunopathogenic but Differ in Other Key Biological Activities. Journal of Immunology, 2008, 180, 7414-7422.	0.8	63
86	Unfolding the therapeutic potential of chemical chaperones for age-related macular degeneration. Expert Review of Ophthalmology, 2008, 3, 29-42.	0.6	29
87	Altered Erp29 and Htra1 in cultured retinal pigment epithelial (RPE) cells of Ccl2/Cx3cr1 deficient mice â€" a model of ageâ€related macular degeneration. FASEB Journal, 2007, 21, A763.	0.5	1
88	Expression of clusterin and VEGF in diabetic retinopathy. FASEB Journal, 2007, 21, A130.	0.5	0
89	Human HtrA1 in the archived eyes with age-related macular degeneration. Transactions of the American Ophthalmological Society, 2007, 105, 92-7; discussion 97-8.	1.4	41
90	Polymerase Chain Reaction in the Diagnosis of Uveitis. International Ophthalmology Clinics, 2005, 45, 41-55.	0.7	31

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91	Murine Model of Primary Intraocular Lymphoma. , 2005, 46, 415.		36
92	Intraocular Lymphoma: Update on Diagnosis and Management. Cancer Control, 2004, 11, 285-295.	1.8	201
93	Expression of chemokine receptors, CXCR4 and CXCR5, and chemokines, BLC and SDF-1, in the eyes of patients with primary intraocular lymphoma. Ophthalmology, 2003, 110, 421-426.	5.2	99
94	Molecular pathology of primary intraocular lymphoma. Transactions of the American Ophthalmological Society, 2003, 101, 275-92.	1.4	104
95	Intraocular lymphoma. Current Opinion in Ophthalmology, 2002, 13, 411-418.	2.9	140
96	Induction of ocular inflammation by T-helper lymphocytes type 2. Investigative Ophthalmology and Visual Science, 2002, 43, 758-65.	3.3	36
97	Structural abnormalities develop in the brain after ablation of the gene encoding nonmuscle myosin IIâ€B heavy chain. Journal of Comparative Neurology, 2001, 433, 62-74.	1.6	112
98	Detection of Toxoplasma Gondii DNA in Primary Intraocular B-Cell Lymphoma. Modern Pathology, 2001, 14, 995-999.	5.5	55
99	The role of apoptosis in the early corneal wound healing after excimer laser keratectomy in the rat. Graefe's Archive for Clinical and Experimental Ophthalmology, 2000, 238, 853-860.	1.9	10
100	Cytokine gene expression in different strains of mice with endotoxin-induced uveitis (EIU). Ocular Immunology and Inflammation, 2000, 8, 221-225.	1.8	22
101	Therapeutic Applications of Antiflammin Peptides in Experimental Ocular Inflammation. Annals of the New York Academy of Sciences, 2000, 923, 141-146.	3.8	13
102	Cytokines and Apoptotic Molecules in Experimental Melanin-Protein Induced Uveitis (EMIU) and Experimental Autoimmune Uveoretinitis (EAU). Autoimmunity, 1999, 30, 171-182.	2.6	15
103	Suppressive effect of antiflammin-2 on compound 48/80-induced conjunctivitis Role of phospholipase A2s and inducible nitric oxide synthase. Ocular Immunology and Inflammation, 1998, 6, 65-73.	1.8	12
104	Acute immunosuppression and syngeneic bone marrow transplantation in ocular autoimmunity abort disease, but do not result in induction of long-term protection. Ocular Immunology and Inflammation, 1998, 6, 163-172.	1.8	0
105	T cell mechanisms in experimental autoimmune uveoretinitis: Susceptibility is a function of the cytokine response profile. Eye, 1997, 11, 209-212.	2.1	75
106	Blood-retinal barrier (BRB) breakdown in experimental autoimmune uveoretinitis: Comparison with vascular endothelial growth factor, tumor necrosis factor ?, and interleukin-1?-mediated breakdown. Journal of Neuroscience Research, 1997, 49, 268-280.	2.9	150
107	Clinical pathologic findings of Propionibacterium acnes endophthalmitis. Ocular Immunology and Inflammation, 1996, 4, 69-74.	1.8	1
108	The eyes of transforming growth factor-sZ1 (TGF-sZ1) transgenic miceMorphology and the development of endotoxin-induced uveitis. Ocular Immunology and Inflammation, 1996, 4, 183-191.	1.8	1

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109	Effects of topical FK506 on endotoxin-induced uveitis (EIU) in the Lewis rat. Current Eye Research, 1995, 14, 209-214.	1.5	26
110	Synergism between corticosteroids and Rapamycin for the treatment of intraocular inflammation. Ocular Immunology and Inflammation, 1995, 3, 195-202.	1.8	4
111	Endotoxin induced uveitis in the mouse: Susceptibility and genetic control. Experimental Eye Research, 1995, 61, 629-632.	2.6	78
112	Immunohistochemical localization of T lymphocytes and macrophages and expression of interferon gamma and defensin in uveitis. Ocular Immunology and Inflammation, 1994, 2, 153-159.	1.8	7
113	Ocular inflammation stimulated by the immunomodulator AS101 [ammonium trichloro(dioxyethelene-O-O') tellurate]. Current Eye Research, 1994, 13, 603-610.	1.5	2
114	Treatment of autoimmune uveoretinitis in the rat with rapamycin, an inhibitor of lymphocyte growth factor signal transduction. Current Eye Research, 1993, 12, 197-203.	1.5	55
115	Splenectomy abrogates the induction of oral tolerance in experimental autoimmune uveoretinitis. Current Eye Research, 1993, 12, 833-839.	1.5	35
116	Inflammatory cellular kinetics in sympathetic ophthalmia a study of 29 traumatized (exciting) eyes. Ocular Immunology and Inflammation, 1993, 1, 255-262.	1.8	32
117	Inhibition of cellular transfer of experimental autoimmune uveoretinitis by Rapamycin. Ocular Immunology and Inflammation, 1993, 1, 269-273.	1.8	8
118	Immunopathology of ocular onchocerciasis 3. Th-2 helper T cells in the conjunctiva. Ocular Immunology and Inflammation, 1993, 1, 71-78.	1.8	14
119	Use of ACAID to suppress interphotoreceptor retinoid binding protein-induced experimental autoimmune uveitis. Current Eye Research, 1992, 11, 97-100.	1.5	21
120	Developmental expression of S-antigen in fetal human and rat eye. Current Eye Research, 1992, 11, 219-229.	1.5	11
121	The effect of chlorpromazine on endotoxin-induced uveitis in the Lewis rat. Current Eye Research, 1992, 11, 843-848.	1.5	4
122	Immunopathology of Experimental Autoimmune Uveoretinitis in Primates. Autoimmunity, 1992, 13, 303-309.	2.6	15
123	Injury of MÃ¼ller cells increases the incidence of experimental autoimmune uveoretinitis. Clinical Immunology and Immunopathology, 1991, 59, 201-207.	2.0	11
124	FK506 treatment of S-antigen induced uveitis in primates. Current Eye Research, 1991, 10, 679-690.	1.5	28
125	Immune mechanisms in choroido-retinal inflammation in man. Eye, 1990, 4, 345-353.	2.1	42
126	FR900506 (FK506) and 15-Deoxyspergualin (15-DSG) Modulate the Kinetics of Infiltrating Cells in Eyes with Experimental Autoimmune Uveoretinitis. Autoimmunity, 1990, 8, 43-51.	2.6	15

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127	Anti-la antibody diminishes ocular inflammation in experimental autoimmune uveitis. Current Eye Research, 1988, 7, 809-818.	1.5	38
128	Nephropathic cystinosis: Immunohistochemical and histopathologic studies of cornea, conjunctiva and iris. Current Eye Research, 1987, 6, 617-622.	1.5	14
129	Immunohistochemical Analysis of Experimental Autoimmune Uveoretinitis (Eau) Induced by Interphotoreceptor Retinoid-Binding Protein (Irbp) in the Rat. Immunological Investigations, 1987, 16, 63-74.	2.0	25
130	Cyclosporine and Dexamethasone Inhibit T-Lymphocyte MHC Class II Antigens and IL-2 Receptor Expression in Experimental Autoimmune Uveitis. Immunological Investigations, 1987, 16, 319-331.	2.0	16
131	Effectiveness of cyclosporin therapy for BehÂ¸let's disease. Arthritis and Rheumatism, 1985, 28, 671-679.	6.7	199
132	Long-term culture of Muller cells from adult rats in the presence of activated lymphocytes/monocytes products. Current Eye Research, 1985, 4, 975-982.	1.5	51