Wei Chi

List of Publications by Year
in descending order

41 papers	1,552 citations	471371 17 h-index	330025 37 g-index
41 all docs	41 docs citations	41 times ranked	1948 citing authors

#	Article	IF	Citations
1	Caspase-8 promotes NLRP1/NLRP3 inflammasome activation and IL-1Î² production in acute glaucoma. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11181-11186.	3.3	236
2	IL-23 promotes CD4+ T cells to produce IL-17 inÂVogt-Koyanagi-Harada disease. Journal of Allergy and Clinical Immunology, 2007, 119, 1218-1224.	1.5	190
3	HMGB1 promotes the activation of NLRP3 and caspase-8 inflammasomes via NF-Î°B pathway in acute glaucoma. Journal of Neuroinflammation, 2015, 12, 137.	3.1	161
4	Oxidative Stress Markers Induced by Hyperosmolarity in Primary Human Corneal Epithelial Cells. PLoS ONE, 2015, 10, e0126561.	1.1	102
5	NLRP12 collaborates with NLRP3 and NLRC4 to promote pyroptosis inducing ganglion cell death of acute glaucoma. Molecular Neurodegeneration, 2020, 15, 26.	4.4	84
6	Development and Evaluation of Diagnostic Criteria for Vogt-Koyanagi-Harada Disease. JAMA Ophthalmology, 2018, 136, 1025.	1.4	83
7	Mitochondrial DNA oxidation induces imbalanced activity of NLRP3/NLRP6 inflammasomes by activation of caspase-8 and BRCC36 in dry eye. Journal of Autoimmunity, 2017, 80, 65-76.	3.0	76
8	Macular microvasculature features before and after vitrectomy in idiopathic macular epiretinal membrane: an OCT angiography analysis. Eye, 2019, 33, 619-628.	1.1	55
9	Protective Effects of L-Carnitine Against Oxidative Injury by Hyperosmolarity in Human Corneal Epithelial Cells. , 2015, 56, 5503.		50
10	ROS-induced Oxidative Injury involved in Pathogenesis of Fungal Keratitis via p38 MAPK Activation. Scientific Reports, 2017, 7, 10421.	1.6	48
11	NLRP12- and NLRC4-mediated corneal epithelial pyroptosis is driven by GSDMD cleavage accompanied by IL-33 processing in dry eye. Ocular Surface, 2020, 18, 783-794.	2.2	46
12	Development and validation of a deep learning system to screen vision-threatening conditions in high myopia using optical coherence tomography images. British Journal of Ophthalmology, 2022, 106, 633-639.	2.1	36
13	<scp>IL</scp>â€27 signaling deficiency develops Th17â€enhanced Th2â€dominant inflammation in murine allergic conjunctivitis model. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 910-921.	2.7	33
14	Genetic landscape and autoimmunity of monocytes in developing Vogtâ€“Koyanagiâ€“Harada disease. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25712-25721.	3.3	33
15	IL-33/ST2/IL-9/IL-9R signaling disrupts ocular surface barrier in allergic inflammation. Mucosal Immunology, 2020, 13, 919-930.	2.7	30
16	Microvascular changes after conbercept therapy in central retinal vein occlusion analyzed by optical coherence tomography angiography. International Journal of Ophthalmology, 2019, 12, 802-808.	0.5	27
17	TLR4-MyD88 pathway promotes the imbalanced activation of NLRP3/NLRP6 via caspase-8 stimulation after alkali burn injury. Experimental Eye Research, 2018, 176, 59-68.	1.2	26
18	Quantitative Analysis of Anterior Chamber Inflammation Using the Novel CASIA2 Optical Coherence Tomography. American Journal of Ophthalmology, 2020, 216, 59-68.	1.7	21

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19	Morphologic, Biomechanical, and Compositional Features of the Internal Limiting Membrane in Pathologic Myopic Foveoschisis. , 2018, 59, 5569.		20
20	Distinguishing Microvasculature Features of Vogt-Koyanagi-Harada in Patients in Acute and Convalescent Phases Using Optical Coherence Tomography Angiography. Ocular Immunology and Inflammation, 2020, 29, 1-7.	1.0	18
21	Dexmedetomidine versus other sedatives for non-painful pediatric examinations: A systematic review and meta-analysis of randomized controlled trials. Journal of Clinical Anesthesia, 2020, 62, 109736.	0.7	17
22	The Regulatory NOD-Like Receptor NLRC5 Promotes Ganglion Cell Death in Ischemic Retinopathy by Inducing Microglial Pyroptosis. Frontiers in Cell and Developmental Biology, 2021, 9, 669696.	1.8	16
23	Quantitative Analysis of Retinal Microvascular Changes after Conbercept Therapy in Branch Retinal Vein Occlusion Using Optical Coherence Tomography Angiography. Ophthalmologica, 2019, 242, 69-80.	1.0	13
24	Identification of intraocular inflammatory mediators in patients with endophthalmitis. Molecular Vision, 2016, 22, 563-74.	1.1	13
25	Marine-Steroid Derivative 5Î±-Androst-3Î², 5Î±, 6Î²-triol Protects Retinal Ganglion Cells from Ischemiaâ€“Reperfusion Injury by Activating Nrf2 Pathway. Marine Drugs, 2019, 17, 267.	2.2	12
26	Higher 25-hydroxyvitamin D level is associated with increased risk for BehÃ§et's disease. Clinical Nutrition, 2021, 40, 518-524.	2.3	12
27	Tuberculosis Exposure With Risk of BehÃ§et Disease Among Patients With Uveitis. JAMA Ophthalmology, 2021, 139, 415.	1.4	12
28	Unique Expression Pattern and Functional Role of Periostin in Human Limbal Stem Cells. PLoS ONE, 2015, 10, e0117139.	1.1	12
29	Vascular Abnormalities in Peripapillary and Macular Regions of Behcet's Uveitis Patients Evaluated by Optical Coherence Tomography Angiography. Frontiers in Medicine, 2021, 8, 727151.	1.2	10
30	Mitophagy Protects the Retina Against Anti-Vascular Endothelial Growth Factor Therapy-Driven Hypoxia via Hypoxia-Inducible Factor-1Î± Signaling. Frontiers in Cell and Developmental Biology, 2021, 9, 727822.	1.8	10
31	Effect of silicone oil on macular capillary vessel density and thickness. Experimental and Therapeutic Medicine, 2020, 19, 729-734.	0.8	9
32	CD4â° T cells from behcet patients produce high levels of IL-17. Yan Ke Xue Bao = Eye Science, 2011, 26, 65-9.	0.1	8
33	Adalimumab in Vogt-Koyanagi-Harada Disease Refractory to Conventional Therapy. Frontiers in Medicine, 2021, 8, 799427.	1.2	6
34	AIP1 suppresses neovascularization by inhibiting the NOX4-induced NLRP3/NLRP6 imbalance in a murine corneal alkali burn model. Cell Communication and Signaling, 2022, 20, 59.	2.7	6
35	Desiccating stress worsens alkali burn injury by magnifying caspase-8-induced imbalance of NLRP3 and NLRP6. Journal of Allergy and Clinical Immunology, 2017, 140, 1172-1176.e3.	1.5	4
36	Intraocular lens implantation performed first to protect the posterior capsule in Morgagnian cataracts during phacoemulsification. International Journal of Ophthalmology, 2019, 12, 1215-1218.	0.5	4

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37	Desflurane anesthesia compared with total intravenous anesthesia on anesthesia-controlled operating room time in ambulatory surgery following strabotomy: a randomized controlled study. Chinese Medical Journal, 2020, 133, 779-785.	0.9	4
38	Adverse Cardiovascular Effects of Phenylephrine Eye Drops Combined With Intravenous Atropine. Frontiers in Pharmacology, 2020, 11, 596539.	1.6	4
39	Microvasculature Features of Vogt-Koyanagi-Harada Disease Revealed by Widefield Swept-Source Optical Coherence Tomography Angiography. Frontiers in Medicine, 2021, 8, 719593.	1.2	4
40	Intraoperative choroidal detachment during small-gauge vitrectomy: analysis of causes, anatomic, and visual outcomes. Eye, 2021, , .	1.1	1
41	Intraocular Lens Fixation Technique Without Corneal Incision in Minimally Invasive Vitrectomized Eyes. Ophthalmology and Therapy, 2022, 11, 729-737.	1.0	0