Lvzhen Huang

List of Publications by Year
in descending order

46	777	759233	610901
papers	citations	12 h-index	24 g-index

49	49	49	1644
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New loci and coding variants confer risk for age-related macular degeneration in East Asians. Nature Communications, 2015, 6, 6063.	12.8	147
2	Retinal Ischemia/Reperfusion Injury Is Mediated by Toll-like Receptor 4 Activation of NLRP3 Inflammasomes. , 2014, 55, 5466.		78
3	Interleukin-1Î² Level Is Increased in Vitreous of Patients with Neovascular Age-Related Macular Degeneration (nAMD) and Polypoidal Choroidal Vasculopathy (PCV). PLoS ONE, 2015, 10, e0125150.	2.5	68
4	The relationship between anti-vascular endothelial growth factor and fibrosis in proliferative retinopathy: clinical and laboratory evidence. British Journal of Ophthalmology, 2016, 100, 1443-1450.	3.9	31
5	Semaphorin 3A blocks the formation of pathologic choroidal neovascularization induced by transforming growth factor beta. Molecular Vision, 2014, 20, 1258-70.	1.1	27
6	Different Hereditary Contribution of theCFHGene Between Polypoidal Choroidal Vasculopathy and Age-Related Macular Degeneration in Chinese Han People. , 2014, 55, 2534.		25
7	Knockout of ÂA-Crystallin Inhibits Ocular Neovascularization. Investigative Ophthalmology and Visual Science, 2015, 56, 816-826.	3.3	25
8	Expression of Robo4 in the fibrovascular membranes from patients with proliferative diabetic retinopathy and its role in RF/6A and RPE cells. Molecular Vision, 2009, 15, 1057-69.	1.1	24
9	The impact of extent of internal limiting membrane peeling on anatomical outcomes of macular hole surgery: results of a 54â€week randomized clinical trial. Acta Ophthalmologica, 2019, 97, 303-312.	1.1	23
10	Effect of Robo1 on Retinal Pigment Epithelial Cells and Experimental Proliferative Vitreoretinopathy. , 2010, 51, 3193.		22
11	Robo1/Robo4: Different expression patterns in retinal development. Experimental Eye Research, 2009, 88, 583-588.	2.6	21
12	Recurrence of Retinopathy of Prematurity in Zone II Stage 3+ after Ranibizumab Treatment: A Retrospective Study. Journal of Ophthalmology, 2017, 2017, 1-5.	1.3	21
13	Protective effects of autophagy against blue light-induced retinal degeneration in aged mice. Science China Life Sciences, 2019, 62, 244-256.	4.9	19
14	Effect of High-Density Lipoprotein Metabolic Pathway Gene Variations and Risk Factors on Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in China. PLoS ONE, 2015, 10, e0143924.	2.5	17
15	The Effects of Pleiotrophin in Proliferative Diabetic Retinopathy. PLoS ONE, 2015, 10, e0115523.	2.5	15
16	The critical role of m6A methylation in the pathogenesis of Graves' ophthalmopathy. Eye and Vision (London, England), 2020, 7, 55.	3.0	14
17	Association of retinal nerve fiber abnormalities with serum CNTF and cognitive functions in schizophrenia patients. PeerJ, 2020, 8, e9279.	2.0	14
18	Anti-Angiogenic Effects of a Mutant Endostatin: A New Prospect for Treating Retinal and Choroidal Neovascularization. PLoS ONE, 2014, 9, e112448.	2.5	13

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19	Clinical and Mutation Analysis of Patients with Best Vitelliform Macular Dystrophy or Autosomal Recessive Bestrophinopathy in Chinese Population. BioMed Research International, 2018, 2018, 1-11.	1.9	12
20	Robo1: A Potential Role in Ocular Angiogenesis. Current Eye Research, 2009, 34, 1019-1029.	1.5	11
21	Inhibitory effect of carboplatin in combination with bevacizumab on human retinoblastoma in an inÃ¯Â¿Â½vitro and inÃ¯Â¿Â½vivo model. Oncology Letters, 2017, 14, 5326-5332.	1.8	11
22	Modified Posterior Scleral Reinforcement as a Treatment for High Myopia in Children and Its Therapeutic Effect. BioMed Research International, 2019, 2019, 1-7.	1.9	10
23	iTRAQâ€'based quantitative proteomic analysis and bioinformatics study of proteins in retinoblastoma. Oncology Letters, 2017, 14, 8084-8091.	1.8	9
24	Associations of systemic, serum lipid and lipoprotein metabolic pathway gene variations with polypoidal choroidal vasculopathy in China. PLoS ONE, 2019, 14, e0226763.	2.5	9
25	The expression of the Slit-Robo signal in the retina of diabetic rats and the vitreous or fibrovascular retinal membranes of patients with proliferative diabetic retinopathy. PLoS ONE, 2017, 12, e0185795.	2.5	9
26	Joint Effect of CFH and ARMS2/HTRA1 Polymorphisms on Neovascular Age-Related Macular Degeneration in Chinese Population. Journal of Ophthalmology, 2015, 2015, 1-8.	1.3	8
27	ube3d, a New Gene Associated with Age-Related Macular Degeneration, Induces Functional Changes in Both InÂVivo and InÂVitro Studies. Molecular Therapy - Nucleic Acids, 2020, 20, 217-230.	5.1	8
28	Factors related to retinal nerve fiber layer thickness in bipolar disorder patients and major depression patients. BMC Psychiatry, 2021, 21, 301.	2.6	8
29	Ocular Features and Mutation Spectrum of Patients With Familial Exudative Vitreoretinopathy. , 2021, 62, 4.		8
30	Evidence of a novel gene HERPUD1 in polypoidal choroidal vasculopathy. International Journal of Clinical and Experimental Pathology, 2015, 8, 13928-44.	0.5	7
31	Disease-causing mutations associated with bestrophinopathies promote apoptosis in retinal pigment epithelium cells. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 2251-2261.	1.9	6
32	Comparison of the outcomes of photodynamic therapy for central serous chorioretinopathy with or without subfoveal fibrin. Eye, 2021, 35, 418-424.	2.1	6
33	Plasma metabolomic profiling of central serous chorioretinopathy. Experimental Eye Research, 2021, 203, 108401.	2.6	6
34	RNA-Seq Analysis for Exploring the Pathogenesis of Retinitis Pigmentosa in P23H Knock-In Mice. Ophthalmic Research, 2021, 64, 798-810.	1.9	6
35	Relationships Among Retinal Nerve Fiber Layer Thickness, Vascular Endothelial Growth Factor, and Cognitive Impairment in Patients with Schizophrenia. Neuropsychiatric Disease and Treatment, 2021, Volume 17, 3597-3606.	2.2	6
36	The effects of pleiotrophin in proliferative vitreoretinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 873-884.	1.9	5

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37	iTRAQâ€based quantitative proteomic analysis and bioinformatics study of proteins in pterygia. Proteomics - Clinical Applications, 2017, 11, 1600094.	1.6	4
38	COL8A1 rs13095226 polymorphism shows no association with neovascular age-related macular degeneration or polypoidal choroidal vasculopathy in Chinese subjects. International Journal of Clinical and Experimental Pathology, 2015, 8, 11635-40.	0.5	4
39	rs4711751 and rs1999930 Are Not Associated with Neovascular Age-Related Macular Degeneration or Polypoidal Choroidal Vasculopathy in the Chinese Population. Ophthalmic Research, 2014, 52, 102-106.	1.9	3
40	Asthma Promotes Choroidal Neovascularization via the Transforming Growth Factor Beta1/Smad Signalling Pathway in a Mouse Model. Ophthalmic Research, 2022, 65, 14-29.	1.9	3
41	Association between CFH single nucleotide polymorphisms and response to photodynamic therapy in patients with central serous chorioretinopathy. International Ophthalmology, 2020, 40, 951-956.	1.4	3
42	Low dosage chloroquine protects retinal ganglion cells against glutamate-induced cell death. Experimental Eye Research, 2019, 181, 285-293.	2.6	2
43	Ephrin-A5 Is Involved in Retinal Neovascularization in a Mouse Model of Oxygen-Induced Retinopathy. BioMed Research International, 2020, 2020, 1-10.	1.9	2
44	Human RGR Gene and Associated Features of Age-Related Macular Degeneration Revealed in Models of Retina-Choriocapillaris Atrophy. American Journal of Pathology, 2021, 191, 1454-1473.	3.8	2
45	A functional polymorphism in the promoter of Î±A-crystallin increases the risk of nAMD. International Journal of Clinical and Experimental Pathology, 2019, 12, 1782-1787.	0.5	2
46	Ocular phenotype and genetical analysis in patients with retinopathy of prematurity. BMC Ophthalmology, 2022, 22, 22.	1.4	2