

# Shaochong Zhang

## List of Publications by Year in descending order

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56  
papers

573  
citations

759190

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839512

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57  
docs citations

57  
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Expression of NLRP3 Inflammasome-Related Inflammation in Diabetic Retinopathy. , 2018, 59, 978.		68
2	Macular microvasculature features before and after vitrectomy in idiopathic macular epiretinal membrane: an OCT angiography analysis. Eye, 2019, 33, 619-628.	2.1	55
3	The Preliminary Experiences with Three-Dimensional Heads-Up Display Viewing System for Vitreoretinal Surgery under Various Status. Current Eye Research, 2019, 44, 102-109.	1.5	44
4	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.	7.1	33
5	Pars plana vitrectomy with partial tamponade of filtered air in Rhegmatogenous retinal detachment caused by superior retinal breaks. BMC Ophthalmology, 2017, 17, 64.	1.4	21
6	Effects of GSK2606414 on cell proliferation and endoplasmic reticulum stress-associated gene expression in retinal pigment epithelial cells. Molecular Medicine Reports, 2017, 15, 3105-3110.	2.4	21
7	Associations Between Air Pollution Exposure and Daily Pediatric Outpatient Visits for Dry Eye Disease: A Time-Series Study in Shenzhen, China. International Journal of Public Health, 2021, 66, 1604235.	2.3	21
8	Morphologic, Biomechanical, and Compositional Features of the Internal Limiting Membrane in Pathologic Myopic Foveoschisis. , 2018, 59, 5569.		20
9	Integrated analyses identify potential prognostic markers for uveal melanoma. Experimental Eye Research, 2019, 187, 107780.	2.6	19
10	Protection of photoreceptors by intravitreal injection of the Y-27632 Rho-associated protein kinase inhibitor in Royal College of Surgeons rats. Molecular Medicine Reports, 2015, 12, 3655-3661.	2.4	15
11	Surgical outcomes of 27-gauge pars plana vitrectomy with short-term postoperative tamponade of perfluorocarbon liquid for repair of giant retinal tears. International Ophthalmology, 2018, 38, 1505-1513.	1.4	15
12	A machine-independent method to have active removal of 5,000 centistokes silicone oil using plastic infusion tube and 23-gauge microcannulas. BMC Ophthalmology, 2015, 15, 114.	1.4	13
13	PARS PLANA VITRECTOMY AND WIDE INTERNAL LIMITING MEMBRANE PEELING WITH PERFLUOROPROPANE TAMPONADE FOR HIGHLY MYOPIC FOVEOSCHISISâ€™ASSOCIATED MACULAR HOLE. Retina, 2017, 37, 274-282.	1.7	13
14	Quantitative Analysis of Retinal Microvascular Changes after Conbercept Therapy in Branch Retinal Vein Occlusion Using Optical Coherence Tomography Angiography. Ophthalmologica, 2019, 242, 69-80.	1.9	13
15	Propofol Decreases Endoplasmic Reticulum Stressâ€™Mediated Apoptosis in Retinal Pigment Epithelial Cells. PLoS ONE, 2016, 11, e0157590.	2.5	13
16	A SURGICAL APPROACH TO LARGE SUBRETINAL HEMORRHAGE USING PARS PLANA VITRECTOMY AND 360Â° RETINOTOMY. Retina, 2015, 35, 1631-1639.	1.7	12
17	Combined 23-G Pars Plana Vitrectomy and Lensectomy in the Management of Glaucoma Associated with Nanophthalmos. Ophthalmic Research, 2018, 59, 37-44.	1.9	12
18	Megakaryocytes Mediate Hyperglycemia-Induced Tumor Metastasis. Cancer Research, 2021, 81, 5506-5522.	0.9	11

#	ARTICLE	IF	CITATIONS
19	Trends in Myopia Development Among Primary and Secondary School Students During the COVID-19 Pandemic: A Large-Scale Cross-Sectional Study. <i>Frontiers in Public Health</i> , 2022, 10, 859285.	2.7	11
20	Multicolor Scanning Laser Ophthalmoscopy Strengthens Surgeons'™ Preoperative Decision-Making and Intraoperative Performance on Epiretinal Membrane. <i>Translational Vision Science and Technology</i> , 2020, 9, 36.	2.2	10
21	Mitophagy Protects the Retina Against Anti-Vascular Endothelial Growth Factor Therapy-Driven Hypoxia via Hypoxia-Inducible Factor-1 $\alpha$ Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 727822.	3.7	10
22	Associations Between Peripapillary Retinal Nerve Fiber Layer and Choroidal Thickness With the Development and Progression of Diabetic Retinopathy. , 2022, 63, 7.		10
23	Effect of silicone oil on macular capillary vessel density and thickness. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 729-734.	1.8	9
24	Increased Levels of DKK1 in Vitreous Fluid of Patients with Pathological Myopia and the Correlation between DKK1 Levels and Axial Length. <i>Current Eye Research</i> , 2020, 45, 104-110.	1.5	8
25	The Prevalence and Associations of Peripheral Retinopathy: Baseline Study of Guangzhou Office Computer Workers. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-6.	1.3	7
26	Distinct Serum and Vitreous Inflammation-Related Factor Profiles in Patients with Proliferative Vitreoretinopathy. <i>Advances in Therapy</i> , 2020, 37, 2550-2559.	2.9	7
27	Intravitreal injection of docosahexaenoic acid attenuated photoreceptor cell injury in a NaIO <sub>3</sub> -induced age-related macular degeneration rat model. <i>Neuroscience Letters</i> , 2017, 657, 53-61.	2.1	6
28	Latest progress in the study of nanoparticle-based delivery of the CRISPR/Cas9 system. <i>Methods</i> , 2021, 194, 48-55.	3.8	6
29	Coding and non-coding RNA interactions reveal immune-related pathways in peripheral blood mononuclear cells derived from patients with proliferative vitreoretinopathy. <i>BMC Medical Genomics</i> , 2021, 14, 30.	1.5	6
30	Comparative Study of 27-Gauge Versus 25-Gauge Vitrectomy With Air Tamponade in the Treatment of Myopic Foveoschisis. <i>Ophthalmic Surgery Lasers and Imaging Retina</i> , 2018, 49, e135-e142.	0.7	6
31	Update on the Phenotypic and Genotypic Spectrum of KIF11-Related Retinopathy. <i>Genes</i> , 2022, 13, 713.	2.4	6
32	AAV-mediated in vivo genome editing in vascular endothelial cells. <i>Methods</i> , 2020, 194, 12-17.	3.8	5
33	Alleviation of neurological disease by RNA editing. <i>Methods</i> , 2021, 194, 94-99.	3.8	5
34	Surgical outcomes of 23-gauge transconjunctival pars plana vitrectomy combined with lensectomy for glaucomatous eyes with extremely shallow anterior chamber and cataract. <i>BMC Ophthalmology</i> , 2016, 16, 2.	1.4	4
35	Novel and easy techniques for 27-gauge silicone oil infusion and removal. <i>International Ophthalmology</i> , 2019, 39, 1543-1551.	1.4	4
36	Construction of immune-related risk signature for uveal melanoma. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2020, 48, 912-919.	2.8	4

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37	Adverse Cardiovascular Effects of Phenylephrine Eye Drops Combined With Intravenous Atropine. <i>Frontiers in Pharmacology</i> , 2020, 11, 596539.	3.5	4
38	Whole-Gene Deletions of FZD4 Cause Familial Exudative Vitreoretinopathy. <i>Genes</i> , 2021, 12, 980.	2.4	3
39	Cytoskeleton-associated protein 2 (CKAP2) is regulated by vascular endothelial growth factor and p53 in retinal capillary endothelial cells under high-glucose conditions. <i>Molecular and Cellular Endocrinology</i> , 2021, 535, 111378.	3.2	3
40	Choroidal Neovascularization in Pediatric Patients: Analysis of Etiologic Factors, Clinical Characteristics and Treatment Outcomes. <i>Frontiers in Medicine</i> , 2021, 8, 735805.	2.6	3
41	<i>FZD4</i> in a Large Chinese Population With Familial Exudative Vitreoretinopathy: Molecular Characteristics and Clinical Manifestations. , 2022, 63, 7.		3
42	Systemic Approach to Prevent Inadvertent Perfusion in Eyes with Extensive Choroidal Detachment, Suprachoroidal Fluid, and Hypotony During Pars Plana Vitrectomy. <i>Advances in Therapy</i> , 2019, 36, 257-264.	2.9	2
43	NDP-related retinopathies: clinical phenotype of female carriers. <i>British Journal of Ophthalmology</i> , 2023, 107, 1151-1155.	3.9	2
44	Ocular toxocariasis presenting as leukocoria. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 426.	9.1	2
45	Intraoperative choroidal detachment during small-gauge vitrectomy: analysis of causes, anatomic, and visual outcomes. <i>Eye</i> , 2021, , .	2.1	1
46	Knobloch Syndrome Associated with Novel COL18A1 Variants in Chinese Population. <i>Genes</i> , 2021, 12, 1512.	2.4	1
47	Pars plana subcapsulotomy to remove condense subcapsular opacification in combined surgery of silicone oil removal and phacoemulsification. <i>International Ophthalmology</i> , 2021, , 1.	1.4	1
48	Development and Testing of a Mobile Phone App for Risk Estimation of Gas Volume Expansion and Intraocular Pressure Elevation in Patients With Intravitreal Gas or Air Tamponade: Interobserver Assessment Study. <i>JMIR MHealth and UHealth</i> , 2019, 7, e14592.	3.7	1
49	Generation of induced pluripotent stem cell (iPSC) line ZOCi003-A derived from peripheral blood mononuclear cells of X-linked juvenile retinoschisis harboring a hemizygous mutation in RS1 gene. <i>Stem Cell Research</i> , 2021, 57, 102595.	0.7	1
50	Vitreomacular Interface Abnormalities in Myopic Foveoschisis: Correlation With Morphological Features and Outcome of Vitrectomy. <i>Frontiers in Medicine</i> , 2021, 8, 796127.	2.6	1
51	The Role of Internal Limiting Membrane as a Biomarker in the Evolution of Myopic Traction Maculopathy. <i>Frontiers in Medicine</i> , 2021, 8, 802626.	2.6	1
52	A Novel Role of IL13R $\alpha$ 2 in the Pathogenesis of Proliferative Vitreoretinopathy. <i>Frontiers in Medicine</i> , 0, 9, .	2.6	1
53	Ocular Cyclorotation and Corneal Axial Misalignment in Femtosecond Laser-Assisted Cataract Surgery. <i>Current Eye Research</i> , 2019, 44, 1313-1318.	1.5	0
54	Beyond the Visual Acuity: Assessing the Visual Function in mCNV Patients After Anti-VEGF Treatment. <i>Frontiers in Medicine</i> , 2021, 8, 709584.	2.6	0

#	ARTICLE	IF	CITATIONS
55	HODD: A Manually Curated Database of Human Ophthalmic Diseases with Symptom Characteristics and Genetic Variants Towards Facilitating Quick and Definite Diagnosis. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, , 1.	3.6	0
56	Intraocular Lens Fixation Technique Without Corneal Incision in Minimally Invasive Vitrectomized Eyes. <i>Ophthalmology and Therapy</i> , 2022, 11, 729-737.	2.3	0