

# Minbin Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

828  
citations

567144

15  
h-index

642610

23  
g-index

50  
all docs

50  
docs citations

50  
times ranked

890  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effects of Pirfenidone on Proliferation, Migration, and Collagen Contraction of Human Tenon's Fibroblasts In Vitro. , 2009, 50, 3763.  |     | 95        |
| 2  | Evaluation of Pirfenidone as a New Postoperative Antiscarring Agent in Experimental Glaucoma Surgery. , 2011, 52, 3136.  |     | 73        |
| 3  | The effect of transcranial direct current stimulation on contrast sensitivity and visual evoked potential amplitude in adults with amblyopia. Scientific Reports, 2016, 6, 19280.      | 1.6 | 58        |
| 4  | Inhibition of Pirfenidone on TGF-beta2 Induced Proliferation, Migration and Epithelial-Mesenchymal Transition of Human Lens Epithelial Cells Line SRA01/04. PLoS ONE, 2013, 8, e56837. | 1.1 | 53        |
| 5  | Dichoptic training improves contrast sensitivity in adults with amblyopia. Vision Research, 2015, 114, 161-172.  | 0.7 | 51        |
| 6  | Health Literacy, Computer Skills and Quality of Patient-Physician Communication in Chinese Patients with Cataract. PLoS ONE, 2014, 9, e107615.   | 1.1 | 32        |
| 7  | Experimental studies on soft contact lenses for controlled ocular delivery of pirfenidone: <i>in vitro</i> and <i>in vivo</i> . Drug Delivery, 2016, 23, 3538-3543.                    | 2.5 | 30        |
| 8  | The Effect of Bangerter Filters on Binocular Function in Observers With Amblyopia. Investigative Ophthalmology and Visual Science, 2015, 56, 139-149.                                  | 3.3 | 25        |
| 9  | Validation of Catquest-9SF Questionnaire in a Chinese Cataract Population. PLoS ONE, 2014, 9, e103860.   | 1.1 | 25        |
| 10 | Monocular perceptual learning of contrast detection facilitates binocular combination in adults with anisometropic amblyopia. Scientific Reports, 2016, 6, 20187.                      | 1.6 | 24        |
| 11 | Effects of Monocular Perceptual Learning on Binocular Visual Processing in Adolescent and Adult Amblyopia. IScience, 2020, 23, 100875.   | 1.9 | 21        |
| 12 | Activation of ATF4 triggers trabecular meshwork cell dysfunction and apoptosis in POAG. Aging, 2021, 13, 8628-8642.  | 1.4 | 21        |
| 13 | Selective laser trabeculoplasty in treating post-trabeculectomy advanced primary open-angle glaucoma. Experimental and Therapeutic Medicine, 2016, 11, 1090-1094.                      | 0.8 | 20        |
| 14 | The Antiangiogenesis Effect of Pirfenidone in Wound Healing <i>In Vitro</i> . Journal of Ocular Pharmacology and Therapeutics, 2017, 33, 693-703.                                      | 0.6 | 20        |
| 15 | Down-regulation of 14-3-3 Zeta Inhibits TGF-β <sup>2</sup> -Induced Actomyosin Contraction in Human Trabecular Meshwork Cells Through RhoA Signaling Pathway. , 2016, 57, 719.         |     | 19        |
| 16 | Interocular suppression in children with deprivation amblyopia. Vision Research, 2017, 133, 112-120.   | 0.7 | 19        |
| 17 | Pirfenidone inhibits migration, differentiation, and proliferation of human retinal pigment epithelial cells in vitro. Molecular Vision, 2013, 19, 2626-35.                            | 1.1 | 19        |
| 18 | Protein expression in human trabecular meshwork: downregulation of RhoGDI by dexamethasone in vitro. Molecular Vision, 2010, 16, 213-23.   | 1.1 | 17        |

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|----|--|-----|-----------|
| 19 | Pharmacokinetics of pifenidone after topical administration in rabbit eye. <i>Molecular Vision</i> , 2011, 17, 2191-6.   | 1.1 | 16        |
| 20 | Pirfenidone Induces G1 Arrest in Human Tenon's Fibroblasts <i>In Vitro</i> Involving AKT and MAPK Signaling Pathways. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 366-374.  | 0.6 | 15        |
| 21 | Ocular Biometry in Primary Angle-Closure Glaucoma Associated with Retinitis Pigmentosa. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-5.   | 0.6 | 15        |
| 22 | Preoperative Expectations and Postoperative Outcomes of Visual Functioning among Cataract Patients in Urban Southern China. <i>PLoS ONE</i> , 2017, 12, e0169844.  | 1.1 | 14        |
| 23 | Contrast-balanced binocular treatment in children with deprivation amblyopia. <i>Australasian journal of optometry</i> , 2018, 101, 541-552.   | 0.6 | 14        |
| 24 | Nintedanib inhibits TGF- $\beta$ 2-induced myofibroblast transdifferentiation in human Tenon's fibroblasts. <i>Molecular Vision</i> , 2018, 24, 789-800.   | 1.1 | 11        |
| 25 | Intraocular Pressure-Lowering Potential of Subthreshold Selective Laser Trabeculoplasty in Patients with Primary Open-Angle Glaucoma. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-6.   | 0.6 | 10        |
| 26 | Reduced Dendritic Spines in the Visual Cortex Contralateral to the Optic Nerve Crush Eye in Adult Mice. , 2020, 61, 55.  |     | 10        |
| 27 | Dexamethasone Increases Cdc42 Expression in Human TM-1 Cells. <i>Current Eye Research</i> , 2015, 40, 290-299.   | 0.7 | 9         |
| 28 | Spatial and Global Sensory Suppression Mapping Encompassing the Central 10° Field in Anisometric Amblyopia. , 2017, 58, 481.   |     | 8         |
| 29 | SP1-mediated upregulation of LINGO1 promotes degeneration of retinal ganglion cells in optic nerve injury. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 1010-1020.   | 1.9 | 8         |
| 30 | Controllable release of pirfenidone by polyvinyl alcohol film embedded soft contact lenses <i>In Vitro</i> and <i>In Vivo</i> . <i>Drug Delivery</i> , 2021, 28, 634-641.  | 2.5 | 8         |
| 31 | Extended Delivery of Pirfenidone with Novel, Soft Contact Lenses <i>In Vitro</i> and <i>In Vivo</i> . <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2021, 37, 75-83.  | 0.6 | 7         |
| 32 | Rasch analysis of the hospital anxiety and depression scale among Chinese cataract patients. <i>PLoS ONE</i> , 2017, 12, e0185287.   | 1.1 | 7         |
| 33 | Corneal Stiffness and Modulus of Normal-Tension Glaucoma in Chinese. <i>American Journal of Ophthalmology</i> , 2022, 242, 131-138.  | 1.7 | 7         |
| 34 | A Novel Indentation Assessment to Measure Corneal Biomechanical Properties in Glaucoma and Ocular Hypertension. <i>Translational Vision Science and Technology</i> , 2021, 10, 36.   | 1.1 | 6         |
| 35 | Inhibition of the leucine-rich repeat protein lingo1 enhances RGC survival in optic nerve injury. <i>Experimental and Therapeutic Medicine</i> , 2020, 19, 619-629.  | 0.8 | 6         |
| 36 | Inhibition of LPA <sub>1</sub> Signaling Impedes Conversion of Human Tenon's Fibroblasts into Myofibroblasts Via Suppressing TGF- $\beta$ 2/Smad2/3 Signaling. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2019, 35, 331-340. | 0.6 | 5         |

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|----|---|-----|-----------|
| 37 | A New Dichoptic Training Strategy Leads to Better Cooperation Between the Two Eyes in Amblyopia. <i>Frontiers in Neuroscience</i> , 2020, 14, 593119.   | 1.4 | 4         |
| 38 | Laser in Glaucoma and Ocular Hypertension Trial (LIGHT) in China – A Randomized Controlled Trial: Design and Baseline Characteristics. <i>American Journal of Ophthalmology</i> , 2021, 230, 143-150.           | 1.7 | 4         |
| 39 | Wide Corneal Epithelial Thickness Mapping in Eyes With Topical Antiglaucoma Therapy Using Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2022, 11, 4.                       | 1.1 | 4         |
| 40 | Higher contrast thresholds for vanishing optotype recognition in macular visual fields among glaucoma patients: a structure–function analysis. <i>British Journal of Ophthalmology</i> , 2022, 106, 1530-1537.  | 2.1 | 3         |
| 41 | Diagnostic Performance of Deep Learning Classifiers in Measuring Peripheral Anterior Synechia Based on Swept Source Optical Coherence Tomography Images. <i>Frontiers in Medicine</i> , 2021, 8, 775711.        | 1.2 | 3         |
| 42 | Intraocular pressure and diurnal fluctuation of open-angle glaucoma and ocular hypertension: a baseline report from the LiGHT China trial cohort. <i>British Journal of Ophthalmology</i> , 2023, 107, 823-827. | 2.1 | 3         |
| 43 | A novel dynamic random-dot stereopsis assessment to measure stereopsis in intermittent exotropia. <i>Annals of Translational Medicine</i> , 2021, 9, 308-308.   | 0.7 | 2         |
| 44 | Low-Contrast High-Pass Visual Acuity Might Help to Detect Glaucoma Damage: A Structure-Function Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 680823.   | 1.2 | 2         |
| 45 | A Dichoptic Optokinetic Nystagmus Paradigm for Interocular Suppression Quantification in Intermittent Exotropia. <i>Frontiers in Neuroscience</i> , 2021, 15, 772341.   | 1.4 | 2         |
| 46 | Author reply. <i>Ophthalmology</i> , 2014, 121, e14-e15.  | 2.5 | 1         |
| 47 | Anisometric Amblyopia: Interocular Contrast and Viewing Luminance Effects on Aniseikonia. <i>Translational Vision Science and Technology</i> , 2020, 9, 11.   | 1.1 | 1         |
| 48 | High-Pass Visual Acuity Loss and Macular Structure-Function Relationship in Patients With Primary Open-Angle Glaucoma. <i>Translational Vision Science and Technology</i> , 2021, 10, 26.                       | 1.1 | 1         |
| 49 | Expression of 14-3-3 Zeta Protein in Dexamethasone-Treated Mice and Human TM-1 Cells. <i>Current Eye Research</i> , 2017, 42, 1124-1129.  | 0.7 | 0         |
| 50 | Editorial: Functional Eye Diseases: Visual Deficits and Rehabilitation. <i>Frontiers in Neuroscience</i> , 2022, 16, 842767.  | 1.4 | 0         |