

INTERNATIONAL JOURNAL OF OPHTHALMOLOGY

Monthly, Established in March, 2008

Volume 18, Number 7, Jul. 18, 2025

CONTENTS

• Intelligent Ophthalmology •

- Guidelines for glaucoma imaging classification, annotation, and quality control for artificial intelligence applications**..... 1181
Wei-Hua Yang, Yan-Wu Xu, Xing-Huai Sun, Expert Workgroup of Guidelines for Glaucoma Imaging Classification, Annotation, and Quality Control for Artificial Intelligence Applications
- Prediction of postoperative vault after implantable collamer lens implantation with deep learning**..... 1197
Dong-Qing Yuan, Fu-Nan Tang, Ying Wang, Hui Zhang, Wei-Wei Zhang, Liu-Wei Gu, Qing-Huai Liu
- Assessing the proficiency of large language models on fundusoscopic disease knowledge** 1205
Jun-Yi Wu, Yan-Mei Zeng, Xian-Zhe Qian, Qi Hong, Jin-Yu Hu, Hong Wei, Jie Zou, Cheng Chen, Xiao-Yu Wang, Xu Chen, Yi Shao
- Associations between organophosphorus pesticides exposure and age-related macular degeneration risk in U.S. adults: analysis from interpretable machine learning approaches** 1214
Yu-Xin Jiang, Si-Yu Gui, Xiao-Dong Sun
- Large language models in neuro-ophthalmology diseases: ChatGPT vs Bard vs Bing** 1231
Dong Hee Ha, Ungsoo Samuel Kim

• Basic Research •

- Key immune regulators in retinal ischemia-reperfusion injury via RNA sequencing** 1237
Shan He, Cui-Ying Liu, Chang-Hong Ren, Ting-Ting Meng, Heng Zhao, Xu-Xiang Zhang
- Enhancement of retinal Müller glia's phagocytic activity against hard exudates by conbercept via activation of PPAR γ -CD36 axis in diabetic retinopathy** 1252
Ying-Ying Zhu, Shi-Yue Qin, Hai Xie, Yin-Ping Liu, Xiao-Sa Li, Chao-Yang Zhang, Yan-Chun Zhang, Jing-Fa Zhang
- De novo variant in GUCY2D gene causing atypical cone-rod dystrophy in a consanguineous family and literature review**..... 1262
Xin-He Fang, Fa-Yong Ke, Wen-Qing Zou, De-Jun Zhu, Mei-Jiao Ma, Yuan-Yuan Lian, Xue-Li Wu, Rui-Hua Wei, Xun-Lun Sheng

• Clinical Research •

- Microbiological spectrum and antibiotic susceptibility analysis of secretion from 308 cases of chronic dacryocystitis in north China** 1270
Yue-Qing He, Xiao-Bo Tian, Yang Zhang, Hua Sun
- Measurement of shallow anterior chamber depth using Lenstar and ultrasound biomicroscopy**..... 1276
Yue Ying, Rui-Ling Zhao, Ya-Nan Sun, Qi-Lian Sheng, Ye Lin Kwan, Xiang-Mei Kong
- Correlation between corneal biomechanical and tomographic parameters in cataract patients**..... 1282
Jia-Xi Li, Yi-He Liu, Yu-Shi Liu, Zi-Yuan Liu, Xue-Min Li
- Accuracy of IOL power calculation in pediatric aphakia secondary implantation** 1294
Ying-Shi Zou, Jia-Xin Jin, Yun-Qian Li, Ling Jin, Jing-Min Xu, Wei-Ning Zhu, Hui Chen, Qiu-Xia Yin, Yi-Zhi Liu, Zhen-Zhen Liu
- Ocular involvement and visual prognosis in juvenile idiopathic arthritis associated uveitis**..... 1302
Gonçalo Cavaco Tardão, Pedro Carreira, Filipe Moraes, Rita Carreira, Tomás Loureiro, Ana Vide Escada, Maria José Santos, Ana Melo Cardoso, Nuno Campos
- Causal role of oxidative stress in age-related macular degeneration: a bidirectional Mendelian randomization study**..... 1307
Li-Yun Yuan, Wang-Ming Su, Liang-Pin Li, Xiao-Feng Tian, Xue-Li Zheng, Xiao-Yong Yuan
- Refractive status and ocular characteristics of preschool children with retinopathy of prematurity after different treatments**..... 1317
Wu-Yang Jiang, Man-Hong Li, Hao Wang, Dong Niu, Yu-Sheng Wang, Zi-Feng Zhang

Sodium-glucose cotransporter-2 inhibitors and dipeptidyl peptidase-4 inhibitors on diabetic macular edema and the need for intravitreal injection.....	1326
<i>Yoo-Ri Chung, Chungwoon Kim, Eunzee Lee, Kihwang Lee</i>	
Multiple imaging modalities in intraocular silicone oil emulsification and its related complications.....	1333
<i>Jia-Wei Wang, Jing Su, Fei-Yan Ma, Jin Wang, Ying Liu, Jin-Xin Shi, Jing-Xue Ma, Dan-Yan Liu</i>	
Identifying predictors of visual improvement in ethambutol optic neuropathy: insights from a 5-year retrospective analysis in a tertiary clinic in Indonesia	1341
<i>Valenchia, Yunita Mansyur, Alia Arianti, Viona</i>	
Corneal higher-order aberrations following small incision lenticule extraction for high myopic astigmatism correction	1349
<i>Yin Liu, Cheng Hu, Juan Yu, Nian Xiang, Bo Zeng, Wen-Shan Jiang</i>	
Clinicopathological features of cranial-nasal-orbital communicating lesions and diagnostic indicators for differentiating benign and malignant neoplasms	1357
<i>Meng Xie, Jin Chen, Ya-Yan You, Zi-Xuan Su, Xi-Yin Zhu, Xing-Hua Wang, Peng-Cheng Li, Fa-Gang Jiang</i>	
• Investigation •	
Childhood amblyopia in a tertiary eye care center in western India	1369
<i>Jai A. Kelkar, Harsh H. Jain, Aditya S. Kelkar, Shreekanth Kelkar</i>	
• Meta-Analysis •	
Vasculature alteration of foveal zone in systemic lupus erythematosus: a Meta-analysis.....	1375
<i>Xing-Yu He, Wei-Wei Chen, Qian Wang</i>	
• Review Article •	
Research progress of Mendelian randomization analysis for glaucoma etiology	1383
<i>Jiao-Man Wang, Yin-Wei Song, Jing-Jing Su, Li-Cheng Fu, Di Gong, Ping Guo, Wei-Hua Yang</i>	
• Letter to the Editor •	
Fibrin glue sealing for repeat Descemet's membrane detachment after deep anterior lamellar keratoplasty: case reports	1398
<i>Xue-Qin Gong, Bi-Shan Tian, Jin-Yu Zhang, Chun-Xiao Wang, Shi-You Zhou</i>	
<i>Klebsiella pneumoniae</i> endophthalmitis following central retinal artery occlusion	1401
<i>Huang-Yi Lei, Feng Jiang, Zheng-Gao Xie</i>	
Abducens-nerve palsy with ipsilateral herpes zoster ophthalmicus and skin rash: a case report	1405
<i>Jae Won Kim, Geun Woo Lee, Donghun Lee</i>	

International Journal of Ophthalmology
Monthly, Established in March, 2008

Administrator

Department of Health, Provincial Government of Shaanxi, China

Sponsor

Chinese Medical Association Xi'an Branch

International Journal of Ophthalmology Press

Editing

Editorial Board of International Journal of Ophthalmology

No.8 Yanta North Road, Xi'an 710054, China

Tel: (+8629)82210956 Fax: (+8629)82245172

Email: ijopress@163.com ijo2000@126.com

Publishing

International Journal of Ophthalmology Press (IJO Press)

No.8 Yanta North Road, Xi'an 710054, China

Tel: (+8629)85569828 Fax: (+8629)82245172

Email: ijopress@163.com ijo.2000@163.com

Copyright ©2025 by IJO Press

IJO has been indexed in SCIE, PubMed, PMC, CA, Scopus, Embase, and DOAJ.

General Scientific Advisors

Bruce E. Spivey; Hugh R. Taylor;

Mark O.M. Tso; Dai-Ming Fan

Honorary Editors-in-Chief

George C.Y. Chiou; Lezheng Wu;

Li-Xin Xie; Xiao-Xin Li

President and Chief Editor

Xiu-Wen Hu

Editors-in-Chief

Yan-Nian Hui; Peter Wiedemann

Associate Editors

Ning-Li Wang; Ke Yao; Xing-Huai Sun; Xian-Qun Fan;

Yi-Zhi Liu; Hao-Tian Lin; Yu-Sheng Wang;

Joel S. Schuman; William E. Smiddy

ISSN 2222-3959 (Print)

ISSN 2227-4898 (Online)