

Andrew Berneshawi

MD Student with Scholarly Concentration in Bioengineering, expected graduation Spring 2026

Publications

PUBLICATIONS

- **Glaucoma Home Self-Testing Using VR Visual Fields and Rebound Tonometry Versus In-Clinic Perimetry and Goldmann Applanation Tonometry: A Pilot Study.** *Translational vision science & technology*
Berneshawi, A. R., Shue, A., Chang, R. T.
2024; 13 (8): 7
- **Primary cilia formation requires the Leigh syndrome-associated mitochondrial protein NDUF2.** *The Journal of clinical investigation*
Lo, C. H., Liu, Z., Chen, S., Lin, F., Berneshawi, A. R., Yu, C. Q., Koo, E. B., Kowal, T. J., Ning, K., Hu, Y., Wang, W. J., Liao, Y. J., Sun, et al
2024; 134 (13)
- **Repeatability of a Virtual Reality Headset Perimeter in Glaucoma and Ocular Hypertensive Patients.** *Translational vision science & technology*
Nascimento E Silva, R., Kim, J. A., Li, Y., Chen, C., Chaudhry, A. F., Berneshawi, A. R., Zhang, M., Villarreal, A., Liu, J., Shue, A., Chang, D. S., Chang, R. T.
2024; 13 (6): 14
- **Oculometric biomarkers of visuomotor deficits in clinically asymptomatic patients with systemic lupus erythematosus undergoing long-term hydroxychloroquine treatment.** *Frontiers in ophthalmology*
Berneshawi, A. R., Seyedmadani, K., Goel, R., Anderson, M. R., Tyson, T. L., Akay, Y. M., Akay, M., Leung, L. B., Stone, L. S.
2024; 4: 1354892
- **Expert vs. Novice Review of Ophthalmic Data: An Oculography Study of Optic Neuropathies**
Patwardhan, A., Berneshawi, A., Yu, M., Liao, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
- **Expert vs. Novice: Characterizing Visuo-Motor Behavior During Static Perimetry Interpretation**
Berneshawi, A., Patwardhan, A., Yu, M., Liao, Y.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2023
- **Conversion of hepatitis B virus relaxed circular to covalently closed circular DNA is supported in murine cells** *JHEP REPORTS*
Wei, L., Cafiero, T. R., Tseng, A., Gertje, H. P., Berneshawi, A., Crossland, N. A., Ploss, A.
2022; 4 (9): 100534
- **Repeatability and correlation of a virtual reality perimeter with standard automated perimetry in glaucoma patients**
Chaudhry, A., Berneshawi, A., Liu, J., Shue, A., Chang, D., Kim, J., Chang, R. T.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
- **Correlated Changes in Retinal Thickness and Visuomotor Function in Asymptomatic Hydroxychloroquine Toxicity Patients**
Leung, L., Hwang, B., Berneshawi, A., Goel, R., Tyson, T., Chang, R. T., Stone, L. S.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022
- **Feasibility of Glaucoma Home Self Testing Using a Virtual Reality Visual Field Test Combined with Home Tonometry**
Berneshawi, A., Shue, A., Chang, R.
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2022