



Amir Norouzpour

Basic Life Research Scientist, Ophthalmology Research/Clinical Trials

Bio

BIO

Dr. Amir Norouzpour is an Academic-Staff Research Scientist at Byers Eye Institute at Stanford University. His primary research interests are neural correlates of visual attention and perception. He works on novel analytical methods for steady-state visual evoked potentials (VEP), as objective indices of individual ability to control visual attention. He is involved in research projects studying vision disorders and attention deficits in children and adults with concussion as well as vision development during infancy using visual evoked potentials in the Vision Development and Oculomotor lab directed by Dr. Tawna Roberts.

CURRENT ROLE AT STANFORD

Research Scientist

EDUCATION AND CERTIFICATIONS

- Post-doctoral scholar, University of California at Berkeley , Visual Neuroscience (2017)
- Residency of Ophthalmology, Mashhad University of Medical Sciences, Iran , Ophthalmology (2015)
- MD, Mashhad University of Medical Sciences, Iran , Medicine (2010)

Professional

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Director of Visual Neuroscience lab, Shiraz University of Medical Sciences, Iran (2021 - 2022)
- Assistant Professor of Ophthalmology, Shiraz University of Medical Sciences, Iran (2020 - 2021)
- Assistant Professor of Ophthalmology, Birjand University of Medical Sciences, Iran (2017 - 2019)

Publications

PUBLICATIONS

- **Evaluating post-concussion symptom profiles using the convergence insufficiency symptom survey in a pediatric and adolescent cohort.** *Frontiers in neuroscience*
Ghosh, D., Marusic, S., Haensel, J. X., Wu, C. H., Slinger, K. E., Vyas, N., Ameyaw Baah, C. A., Hu, A., Leonen, J., Lew, C. Y., Srinivasan, G., Norouzpour, A., Jenewein, et al
2026; 20: 1799528
- **Post-concussion clinical findings of oculomotor function in paediatric patients with persisting symptoms compared to healthy controls.** *Ophthalmic & physiological optics : the journal of the British College of Ophthalmic Opticians (Optometrists)*
Wu, C. H., Marusic, S., Haensel, J. X., Oke, I., Slinger, K. E., Vyas, N., Ameyaw Baah, C. A., Hu, A., Leonen, J., Lew, C. Y., Srinivasan, G., Norouzpour, A., Jenewein, et al

2025

- **Accommodative responses in amblyopic and fellow eyes of anisometropic and strabismic/combined amblyopia**
Haensel, J. X., Baah, C., Hu, A., Leonen, J. A., Vandiver, T. J., Vyas, N., Wu, C., Iyer, T., Srinivasan, G., Norouzpour, A., Lew, C. Y., Raghuram, A., Roberts, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Accommodative Response in Adolescents with Concussion under Binocular and Monocular Viewing of Static Near Stimuli**
Norouzpour, A., Haensel, J. X., Marusic, S., Slinger, K., Wu, C., Vyas, N., Baah, C., Hu, A., Leonen, J. A., Lew, C. Y., Srinivasan, G., Jenewein, E., Meiyeppen, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2025
- **Repeated measures analysis for steady-state evoked potentials.** *Computers in biology and medicine*
Norouzpour, A., Roberts, T. L.
2025; 191: 110117
- **Accommodative and Vergence Responses to a Moving Stimulus in Concussion.** *Investigative ophthalmology & visual science*
Haensel, J. X., Marusic, S., Slinger, K. E., Wu, C. H., Vyas, N., Ameyaw Baah, C. A., Hu, A., Leonen, J., Lew, C. Y., Srinivasan, G., Norouzpour, A., Jenewein, E., Meiyeppen, et al
2024; 65 (12): 45
- **Outcomes of "a new modification of Jensen technique combined with medial rectus recession" in patients with complete sixth cranial nerve palsy.** *European journal of ophthalmology*
Farvardin, H., Norouzpour, A., Farvardin, H., Farvardin, M.
2024; 34 (5): 1377-1383
- **Utility of Eye-Symptom Provocation in Assessment of Adolescent Concussion**
Raghuram, A., Haensel, J. X., Wu, C., Marusic, S., Slinger, K., Vyas, N., Baah, C., Hu, A., Leonen, J., Lew, C. Y., Srinivasan, G., Norouzpour, A., Jenewein, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Accommodation and Vergence Responses to a Moving Stimulus in Concussion**
Haensel, J. X., Marusic, S., Slinger, K., Wu, C., Vyas, N., Baah, C., Hu, A., Leonen, J., Lew, C. Y., Srinivasan, G., Norouzpour, A., Jenewein, E., Meiyeppen, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **Do looming tasks provoke eye symptoms following concussion?**
Wu, C. H., Marusic, S., Haensel, J. X., Slinger, K., Vyas, N., Baah, C., Hu, A., Leonen, J., Lew, C. Y., Srinivasan, G., Norouzpour, A., Jenewein, E., Meiyeppen, et al
ASSOC RESEARCH VISION OPHTHALMOLOGY INC.2024
- **χ^2 statistic for steady-state evoked potentials; a generalized version of T^2 statistic** *BIOMEDICAL SIGNAL PROCESSING AND CONTROL*
Norouzpour, A., Roberts, T. L.
2024; 87
- **A complementary note for the analytical method to estimate individual attention fluctuation using steady-state evoked potentials** *Biomedical Signal Processing and Control*
Norouzpour, A., Roberts, T. L., Klein, S. A.
2023
- **Long-term Visual and Refractive Outcomes of Argon Laser-treated Retinopathy of Prematurity.** *Journal of ophthalmic & vision research*
Farvardin, M., Kalantari, Z., Talebnejad, M., Alamolhoda, M., Norouzpour, A.
2022; 17 (3): 384-389
- **A novel analytical method to measure intra-individual variability of steady-state evoked potentials; new insights into attention deficit** *BIOMEDICAL SIGNAL PROCESSING AND CONTROL*
Norouzpour, A., Klein, S. A.
2022; 71
- **Central corneal thickness measurements in phakic, pseudophakic, and aphakic children with ultrasound pachymetry and different non-contact devices** *INTERNATIONAL OPHTHALMOLOGY*

-
- Farvardin, M., Shamsi, A., Norouzpour, A., Jalalpour, M.
2022; 42 (1): 65-72
- **Light exposure in acute central serous chorioretinopathy** *EYE*
Norouzpour, A.
2022; 36 (1): 243
 - **Glaucomatous Optic Neuropathy: Associated With Cognitive Impairment?** *JOURNAL OF GLAUCOMA*
Norouzpour, A.
2021; 30 (1): E21
 - **Coronavirus disease 2019: Global Contamination and Global Cleanup** *GALEN MEDICAL JOURNAL*
Norouzpour, A., Nejabat, M., Mehdizadeh, A.
2020; 9: e1921
 - **Tuberculosis: A Cunning Disease Presenting with Endopericarditis-Associated Bilateral Uveitis** *TURK OFTALMOLOJI DERGISI-TURKISH JOURNAL OF OPHTHALMOLOGY*
Yaghoubi, G., Abedi, F., Ziaee, M., Norouzpour, A.
2019; 49 (6): 361-363
 - **Hydrophilic Acrylic Intraocular Lens Opacification after Descemet Stripping Automated Endothelial Keratoplasty.** *Journal of ophthalmic & vision research*
Norouzpour, A., Zarei-Ghanavati, S.
2016; 11 (2): 225-7
 - **Central serous chorioretinopathy: from glucocorticoids to light intensity** *INTERNATIONAL JOURNAL OF OPHTHALMOLOGY*
Norouzpour, A., Abrishami, M.
2016; 9 (2): 312-314
 - **Treatment of Chronic Central Serous Chorioretinopathy with Oral Methotrexate** *JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS*
Abrishami, M., Mousavi, M., Hosseini, S., Norouzpour, A.
2015; 31 (8): 468-475
 - **Retinal vascular fractals in Behcet's Disease: A screening method?** *SAUDI JOURNAL OF OPHTHALMOLOGY*
Norouzpour, A., Mehdizadeh, A.
2015; 29 (3): 210-211
 - **Central serous chorioretinopathy and bright light** *ACTA OPHTHALMOLOGICA*
Norouzpour, A.
2014; 92 (8): e688-e689
 - **New insights into blindness; mechanical fatigue of optic nerve head in glaucomatous optic neuropathy.** *Journal of medical engineering & technology*
Norouzpour, A., Mehdizadeh, A.
2014; 38 (7): 367-71
 - **Letter to the Editor: Bright Light Induces Choroidal Thickening in Chickens** *OPTOMETRY AND VISION SCIENCE*
Norouzpour, A., Mehdizadeh, A.
2014; 91 (4): E94
 - **Prehospital Management of Gunshot Patients at Major Trauma Care Centers: Exploring the Gaps in Patient Care** *TRAUMA MONTHLY*
Norouzpour, A., Khoshdel, A., Modaghegh, M., Kazemzadeh, G.
2013; 18 (2): 62-66
 - **Autoregulation of blood flow: Vessel diameter changes in response to different temperatures.** *Journal of biomedical physics & engineering*
Norouzpour, A., Hooshyar, Z., Mehdizadeh, A.
2013; 3 (2): 63-6
 - **A novel insight into keratoconus: mechanical fatigue of the cornea.** *Medical hypothesis, discovery & innovation ophthalmology journal*
Norouzpour, A., Mehdizadeh, A.

2012; 1 (1): 14-7

- **Designing strategies to control coronary atherosclerosis using a new model** *INTERNATIONAL JOURNAL OF CARDIOLOGY*

Mehdizadeh, A., Norouzpour, A.

2010; 143 (3): 440-441

- **New insights in atherosclerosis: Endothelial shear stress as promoter rather than initiator** *MEDICAL HYPOTHESES*

Mehdizadeh, A., Norouzpour, A.

2009; 73 (6): 989-993