

# Stanford

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## Amir Norouzpour

Basic Life Research Scientist, Ophthalmology Research/Clinical Trials

### Bio

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#### 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 attention and visual perception. He works on an analytical method to estimate the intra-individual variability of steady-state visual evoked potentials as a potential objective index of individual ability to control visual attention. He is involved in research programs studying concussion-related vision disorders and vision development 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)

#### PERSONAL INTERESTS

Visual attention

Visual perception

Binocular vision development

### Professional

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#### 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

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#### PUBLICATIONS

- **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

- **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
- ***F* statistic for steady-state evoked potentials; a generalized version of *T* 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
- **Birjand longitudinal aging study (BLAS): the objectives, study protocol and design (wave I: baseline data gathering)** *JOURNAL OF DIABETES AND METABOLIC DISORDERS*  
Moodi, M., Firoozabadi, M., Kazemi, T., Payab, M., Ghaemi, K., Miri, M., Sharifzadeh, G., Fakhrzadeh, H., Ebrahimpur, M., Arzaghi, S., Zarban, A., Mirimoghadam, E., Sharifi, et al  
2020; 19 (1): 551-559
- **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., Modagheh, 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