Resource Summary Report

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National Eye Institute (NEI) Commons

RRID:SCR_011411
Type: Tool

Proper Citation

National Eye Institute (NEI) Commons (RRID:SCR_011411)

Resource Information

URL: http://www.nei.nih.gov/

Proper Citation: National Eye Institute (NEI) Commons (RRID:SCR_011411)

Description: Institute conducts and supports research, training, health information dissemination, and other programs with respect to blinding eye diseases, visual disorders, mechanisms of visual function, preservation of sight, and special health problems of individuals who are visually impaired or blind. Supports vision research through grants and training awards. Conducts laboratory and patient oriented research at its own facilities located on NIH campus in Bethesda, Maryland. NEI has established National Eye Health Education Program.

Abbreviations: NEI, NEI Commons

Synonyms: National Eye Institute, National Eye Institute Commons

Resource Type: storage service resource, data repository, service resource, government granting agency

Keywords: blinding, eye, disease, visual, disorder, sight, impaired, grant

Funding: NEI

Resource Name: National Eye Institute (NEI) Commons

Resource ID: SCR_011411

Alternate IDs: nlx_inv_1005096

Record Creation Time: 20220129T080304+0000

Record Last Update: 20260803T040551+0000

Ratings and Alerts

No rating or validation information has been found for National Eye Institute (NEI) Commons.

No alerts have been found for National Eye Institute (NEI) Commons.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 56 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

White DN, et al. (2025) How distinct sources of nuisance variability in natural images and scenes limit human stereopsis. PLoS computational biology, 21(4), e1012945.

Chapman AF, et al. (2025) A dynamic spatiotemporal normalization model captures perceptual and neural effects of spatial and temporal context. PLoS biology, 23(12), e3003546.

Hekmatjah N, et al. (2025) Virtual reality perimetry compared to standard automated perimetry in adults with glaucoma: A systematic review. PloS one, 20(1), e0318074.

Brinkmeier ML, et al. (2025) Myelin regulatory factor (MYRF) is a critical early regulator of retinal pigment epithelial development. PLoS genetics, 21(4), e1011670.

Wotton JM, et al. (2025) Identifying genetic determinants of outer retinal function in mice using a large-scale gene-targeted screen. PLoS genetics, 21(9), e1011886.

Azam M, et al. (2025) Mechanisms of Rhodopsin-Related Inherited Retinal Degeneration and Pharmacological Treatment Strategies. Cells, 14(1).

Dong Y, et al. (2025) Rewarding animals based on their subjective percepts is enabled by online Bayesian estimation of perceptual biases. PLoS biology, 23(5), e3002764.

Chung DD, et al. (2024) Investigation of the functional impact of CHED- and FECD4-associated SLC4A11 mutations in human corneal endothelial cells. PloS one, 19(1), e0296928.

Gower EW, et al. (2024) The impact of modified incision height and surgical procedure on trichiasis surgery outcomes: Results of the maximizing trichiasis surgery success (MTSS) randomized trial. PLoS neglected tropical diseases, 18(9), e0012034.

Bellingrath JS, et al. (2024) Large animal model species in pluripotent stem cell therapy research and development for retinal diseases: a systematic review. Frontiers in ophthalmology, 4, 1377098.

Kumar A, et al. (2024) Genetic changes and testing associated with childhood glaucoma: A systematic review. PloS one, 19(2), e0298883.

Walkowski WG, et al. (2024) The relationship between spectral signals and retinal sensitivity in dendrobatid frogs. PloS one, 19(11), e0312578.

Marques GS, et al. (2023) Asynchronous transcription and translation of neurotransmitter-related genes characterize the initial stages of neuronal maturation in Drosophila. PLoS biology, 21(5), e3002115.

Papay JA, et al. (2021) Quantifying frequency content in cross-sectional retinal scans of diabetics vs. controls. PloS one, 16(6), e0253091.

Koli S, et al. (2021) Identification of MFRP and the secreted serine proteases PRSS56 and ADAMTS19 as part of a molecular network involved in ocular growth regulation. PLoS genetics, 17(3), e1009458.

Odonkor M, et al. (2021) Serology, infection, and clinical trachoma as tools in prevalence surveys for re-emergence of trachoma in a formerly hyperendemic district. PLoS neglected tropical diseases, 15(4), e0009343.

Ji W, et al. (2021) Analysis of growth cone extension in standardized coordinates highlights self-organization rules during wiring of the Drosophila visual system. PLoS genetics, 17(11), e1009857.

Huang HW, et al. (2021) Drosophila fabp is required for light-dependent Rhodopsin-1 clearance and photoreceptor survival. PLoS genetics, 17(10), e1009551.

Jang H, et al. (2021) Noise-trained deep neural networks effectively predict human vision and its neural responses to challenging images. PLoS biology, 19(12), e3001418.

Freilikhman S, et al. (2021) Melanocytes determine angiogenesis gene expression across human tissues. PloS one, 16(5), e0251121.