November, 2026

Journal articles

1. Nisha, E., Negi, R., Haldar, T., Kalivemula, M., Quadri, N., Kumar, A., Bhate, M., Sachdeva, V., & **Bharadwaj, S. R.*** (2026). Static and dynamic characteristics of the pupil light reflex obtained in Indian eyes using a hand-held, objective pupillometer. *Documenta Ophthalmologica, doi: 10.1007/s10633-026-10160-4. [pubmed]*
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3. Bhakta, T., Jain, K., Sudhanaboina, P, Sager, S, Gambin, A., Artal, P., & **Bharadwaj, S. R.*** (2026). Reduced retinal image quality impairs monocular blur-driven accommodation in keratoconus. *Investigative Ophthalmology & Visual Science. 67(6):52. [pubmed]*
4. Tang, J, **Bharadwaj, S. R.,** Schor, C, M., Sarkar, S., Vaddavalli, P. K., & Metlapally, S. (2026). Interocular mismatches of high-order wavefront aberrations impair stereoacuity following refractive surgeries by reducing the disparity signal quality. *Optometry and Vision Science*, *103(3):e70021. [pubmed]*
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9. Bandela, P. K., Ho, A., Papas, E., & **Bharadwaj, S. R.*** (2025). Real-time manipulation of blur feedback to accommodation using eccentric photorefraction and an electrically tunable lens: A feasibility study. *Optometry and Vision Science. 102: 707 – 714. [pubmed]*
10. **Bharadwaj, S. R.*** (2025). Ocular accommodation: The Auto-focus mechanism of the human eye. *Annual Review of Vision Science. 11:19–41. [pubmed]*
11. Bhakta, T., Thakur, M., Chaurasia, S., Satgunam, P., Marmamula, S., & **Bharadwaj, S. R.*** (2025). Potential applications of near-infrared imaging in ophthalmology beyond the established use cases: A scoping review. *Optometry and Vision Science. 102: 481 – 489. [pubmed]*
12. **Bharadwaj, S.R.,*** Manzanera, S., & Artal, P. (2025). Eccentric infrared photorefraction: a review of evolution, optical design, features and applications. *Journal of Bio-Optics, 1(1), 4. [full text link]*
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