

Refractive Errors

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Recent Publications on Refractive Errors:



- [AC and AG dinucleotide repeats in the PAX6 P1 promoter are associated with high myopia.](#)
PURPOSE: The PAX6 gene, located at the reported myopia locus MYP7 on...13th November, 2009
- Mol Vis. 2009 Nov 5;15:2239-48.
- [Prevalence and causes of visual impairment in Chinese adults in urban southern China.](#)
OBJECTIVE: To assess the prevalence and causes of visual impairment and...3rd November, 2009
State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center, Sun- Arch Ophthalmol. 2009
Oct;127(10):1362-7. ([DOI Direct Link](#))
- [Epidemiology of refractive errors in an adult European population: the Segovia study.](#)
PURPOSE: To determine the prevalence of refractive errors in Segovia,...31st October, 2009
Catalonian Retina- Ophthalmic Epidemiol. 2009 Jul-Aug;16(4):231-7.
- [Uncorrected refractive errors, presbyopia and spectacle coverage: results from a rapid assessment of refractive error survey.](#)
PURPOSE: To investigate the prevalence of uncorrected refractive errors,...31st October, 2009
L.V. Prasad Eye Institute, Banjara Hills, Hyderabad 500 034, India.- Ophthalmic Epidemiol. 2009
Sep-Oct;16(5):269-74.
- [Pattern of use of contact lens among college students: a cross-sectional study in coastal Karnataka.](#)
The use of contact lens (CL) for the correction of refractive errors,...29th October, 2009
Department of Community Medicine, Kasturba Medical College, Mangalore,- Indian J Ophthalmol.
2009 Nov-Dec;57(6):467-9. ([DOI Direct Link](#))
- [Visual impairment in the hearing impaired students.](#)
BACKGROUND : Ocular problems are more common in children with hearing...29th October, 2009
Department of Community Eye Care and Pediatric Ophthalmology, H.V. Desai- Indian J Ophthalmol.
2009 Nov-Dec;57(6):451-3. ([DOI Direct Link](#))
- [Refractive errors in children and young adults with Down's syndrome.](#)
Abstract. Purpose: Down's syndrome (DS) is the most common chromosomal...22nd October, 2009
'Medika Plus' (Private Polyclinic), Skopje, Macedonia.- Acta Ophthalmol. 2009 Oct 16. ([DOI Direct Link](#))
- [Childhood eye diseases in southwestern Nigeria: a tertiary hospital study.](#)
BACKGROUND: Eye diseases are important cause of medical consultation in...21st October, 2009
Ophthalmology Unit, Department of Surgery, Obafemi Awolowo University,- Clinics (Sao Paulo).
2009;64(10):947-52. ([DOI Direct Link](#))
- [Ophthalmological screening of a paediatric cochlear implant population: a retrospective analysis and 12-year follow-up.](#)
*Aims*To determine the nature and prevalence of ophthalmological findings...17th October, 2009

Department of Ophthalmology, Beaumont University Hospital, Dublin,- Eye. 2009 Oct 16. ([DOI Direct Link](#))

- [Intravitreal gas injection for macular hole with localized retinal detachment in highly myopic patients.](#)
*Abstract. Purpose: This study aimed to evaluate treatment effects of...*17th October, 2009
Department of Ophthalmology, National Taiwan University Hospital, Taipei,- Acta Ophthalmol. 2009 Oct 13. ([DOI Direct Link](#))
- [F4H5 - A Novel Substance for the Removal of Silicone Oil from Intraocular Lenses.](#)
*PURPOSE: Adherent silicone oil on intraocular lenses (IOLs) following...*16th October, 2009
United Kingdom;- Br J Ophthalmol. 2009 Oct 14. ([DOI Direct Link](#))
- [Peripheral Defocus with Single-Vision Spectacle Lenses in Myopic Children.](#)
*PURPOSE.: To determine the impact of wearing single-vision spectacle...*15th October, 2009
*MSc daggerPhD, FAAO double daggerBOptom section signPhD paragraph signMD,- Optom Vis Sci.
2009 Oct 12. ([DOI Direct Link](#))
- [Characteristics of peripheral refractive errors of myopic and non-myopic Chinese eyes.](#)
*Interest in peripheral refractive errors has increased as it was...*15th October, 2009
State Key Laboratory of Ophthalmology, Zhongshan Ophthalmic Center, Sun- Vision Res. 2009 Oct 13.
([DOI Direct Link](#))
- [Ultrasound Biomicroscopy and Iris Pigment Dispersion: a Case-Control Study.](#)
*BACKGROUND/AIMS: The study involved eyes affected by pigment dispersion...*14th October, 2009
Italy.- Br J Ophthalmol. 2009 Oct 12. ([DOI Direct Link](#))
- [Intraocular Lens Power Selection in the Second Eye of Patients Undergoing Bilateral, Sequential Cataract Extraction.](#)
*PURPOSE: To determine if the 1-month postoperative error of predicted...*10th October, 2009
The Eye Institute, Medical College of Wisconsin, Milwaukee, Wisconsin.- Ophthalmology. 2009 Oct 6. ([DOI Direct Link](#))

Refractive Errors Clinical Trials:



- [A Prospective Comparison of Alcon LADARVision Wavefront-Guided LASIK Enhancement and Conventional LASIK Enhancement for the Correction of Residual Refractive Errors Following LASIK Procedures](#)

Refractive Errors Patents:



- 7455404- [Ophthalmic lens with multiple phase plates](#)
- 7481536- [Methods and systems for differentiating left and right eye images](#)
- 7486988- [Method and system for adaptive vision modification](#)

- 7488069- [Vision enhancing device](#)
- 7490940- [Method for determining objective refraction using wavefront sensing](#)
- 7494220- [Method and system for improving accuracy in autorefraction measurements by including measurement distance between the photoreceptors and the scattering location in an eye](#)
- 7497866- [Methods for producing epithelial flaps on the cornea and for placement of ocular devices and lenses beneath an epithelial flap or membrane, epithelial delaminating devices, and structures of epithelium and ocular devices and lenses](#)
- 7502639- [Analysis of retinal metabolism over at least a portion of a cardiac cycle](#)
- 7503605- [Contact lens manipulation and cleaning apparatus](#)
- 7503655- [Methods and apparatuses for altering relative curvature of field and positions of peripheral, off-axis focal positions](#)
- 7506983- [Method of optical treatment](#)
- 7481535- [Complete autorefractor system in an ultra-compact package](#)
- 7479138- [Laser pulse position monitor for scanned laser eye surgery systems](#)
- 7478907- [Presbyopia correction through negative high-order spherical aberration](#)
- 7455407- [System and method of measuring and mapping three dimensional structures](#)
- 7458683- [Methods and devices for registering optical measurement datasets of an optical system](#)
- 7460569- [Solid state UV laser](#)
- 7461938- [Apparatus and method for determining sphere and cylinder components of subjective refraction using objective wavefront measurement](#)
- 7470027- [Temporal vision modification](#)
- 7475984- [Electro-optic lens with integrated components](#)
- 7475985- [System, apparatus, and method for correcting vision using an electro-active lens](#)
- 7475986- [Compound modulation transfer function for laser surgery and other optical applications](#)
- 7475989- [Shack-Hartmann based integrated autorefraction and wavefront measurements of the eye](#)
- 7476248- [Method of calculating the required lens power for an ophthalmic implant](#)
- 7517083- [Electro-optic lens with integrated components for varying refractive properties](#)
- 7517087- [Method and device for the subjective determination of aberrations of higher order](#)
- 7559652- [Adaptive optic ophthalmic design system](#)
- 7562982- [Generalized presbyopic correction methodology](#)
- 7572010- [Cornea imaging apparatus](#)
- 7579442- [Method for stromal corneal repair and refractive alteration](#)
- 7582081- [Systems and methods for corneal surface ablation to correct hyperopia](#)
- 7585074- [Hybrid contact lens system and method](#)
- 7585075- [Corneal onlays and wavefront aberration correction to enhance vision](#)
- 7594725- [Contact lens and methods of manufacture and fitting such lenses and computer program product](#)
- 7594727- [Vision modification with reflected image](#)
- 7614747- [Automated vision screening apparatus and method](#)
- 7556380- [Apparatus and method for self-measurement of intraocular pressure](#)
- 7556378- [Intraoperative estimation of intraocular lens power](#)
- 7556375- [Soft lens orthokeratology](#)
- 7520609- [Non-invasive measurement of tear volume systems and methods](#)
- 7520612- [Presbyopia correction using patient data](#)
- 7524059- [System, apparatus and method for correcting vision with an adaptive optic](#)
- 7524065- [Vision testing with rendered digital imagery modification under viewer control](#)
- 7527375- [Electronic adapter for electro-active spectacle lenses](#)
- 7530691- [Ophthalmic lenses for correction of aberration and processes for production of the lenses](#)
- 7533993- [Method and apparatus for correcting vision using an electro-active phoropter](#)
- 7543937- [Multifocal ophthalmic lens](#)
- 7547102- [Wavefront propagation from one plane to another](#)
- 7553022- [System and method of measuring and mapping three dimensional structures](#)
- 7615073- [Foldable intraocular lens and method of making](#)

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