

Lenses

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Recent Publications on Lenses:



- [Elimination of flux loss by optimizing the groove angle in modified Fresnel lens to increase illuminance uniformity, color uniformity and flux efficiency in LED illumination.](#)
*A Fresnel lens is an optical component that can be used to create systems...*13th November, 2009
Department of Mechanical Engineering, Yonsei University, 262 Seongsanno,- Opt Express. 2009 Sep 28;17(20):17916-27. doi: 10.1364/OE.17.017916.
- [Near-field focusing with optical phase antennas.](#)
*We investigate the near-field focusing properties of three-dimensional...*13th November, 2009
ICFO Institut de Ciencies Fotoniques, Mediterranean Technology Park,- Opt Express. 2009 Sep 28;17(20):17801-11. doi: 10.1364/OE.17.017801.
- [Demonstration of 12 nm resolution Fresnel zone plate lens based soft x-ray microscopy.](#)
*To extend soft x-ray microscopy to a resolution of order 10 nm or better,...*13th November, 2009
Center for X-ray Optics, Lawrence Berkeley National Laboratory, 1- Opt Express. 2009 Sep 28;17(20):17669-77. doi: 10.1364/OE.17.017669.
- [Wavelength-insensitive laser Doppler velocimeter using beam position shift induced by Mach-Zehnder interferometers.](#)
*A novel wavelength-insensitive differential laser Doppler velocimeter...*13th November, 2009
Department of Electronic Engineering, Gunma University, 1-5-1 Tenjin-cho,- Opt Express. 2009 Sep 28;17(20):17441-9. doi: 10.1364/OE.17.017441.
- [Realization of optical OFDM using time lenses and its comparison with optical OFDM using FFT.](#)
*An optical orthogonal frequency division multiplexing (OFDM) scheme with...*13th November, 2009
Department of Electrical and Computer Engineering, McMaster University,- Opt Express. 2009 Sep 28;17(20):17214-26. doi: 10.1364/OE.17.017214.
- [Implantable Collamer Lens Implantation and Limbal Relaxing Incisions for the Correction of Hyperopic Astigmatism After Laser In Situ Keratomileusis.](#)
*PURPOSE:: To report on a patient in whom hyperopic Implantable Collamer...*13th November, 2009
From the *Department of Ophthalmology, Kitasato University School of- Cornea. 2009 Nov 11. ([DOI Direct Link](#))
- [SynergEyes Lenses for Keratoconus.](#)
*PURPOSE:: To discuss the initial results of fitting SynergEyes hybrid...*13th November, 2009
From the Cornea Service, Wills Eye Institute, Jefferson Medical College,- Cornea. 2009 Nov 11. ([DOI Direct Link](#))
- [Central and peripheral oxygen transmissibility thresholds to avoid corneal swelling during open eye soft contact lens wear.](#)

- This study was designed to derive central and peripheral oxygen...* 12th November, 2009
EuroLens Research, Faculty of Life Sciences, The University of Manchester,- J Biomed Mater Res B Appl Biomater. 2009 Nov 10. ([DOI Direct Link](#))
- [Microgrinding of lensed fibers by means of a scanning-probe microscope setup.](#)
We describe a precision grinding procedure that allows treating a... 12th November, 2009
- Appl Opt. 2009 Nov 10;48(32):6172-7. doi: 10.1364/AO.48.006172.
 - [Tear Lipids Interfacial Rheology: Effect of Lysozyme and Lens Care Solutions.](#)
PURPOSE.: To evaluate the interfacial properties of ex vivo tear lipid... 11th November, 2009
*PhD daggerOD, PhD, FAAO Clinical Research Center (TS), School of- Optom Vis Sci. 2009 Nov 5. ([DOI Direct Link](#))
 - [Contact lenses are alive and well.](#)
PURPOSE.: To evaluate the interfacial properties of ex vivo tear lipid... 11th November, 2009
- Eye Contact Lens. 2009 Nov;35(6):281. ([DOI Direct Link](#))
 - [Localization of lysozyme sorption to conventional and silicone hydrogel contact lenses using confocal microscopy.](#)
PURPOSE: To investigate the distribution profile of hen egg lysozyme (HEL)... 11th November, 2009
Centre for Contact Lens Research, University of Waterloo, Waterloo,- Curr Eye Res. 2009 Aug;34(8):683-97.
 - [Changes in the X-ray diffraction pattern from lens during a solid-to-liquid phase transition.](#)
PURPOSE: The purpose of this study is to compare the structural integrity... 11th November, 2009
The Structural Biophysics Group, School of Optometry and Vision Sciences,- Curr Eye Res. 2009 Jun;34(6):492-500.
 - [Effect of a combination of carnosine and aspirin eye drops on streptozotocin -- induced diabetic cataract in rats.](#)
PURPOSE: To investigate the effect of a combination of carnosine and... 10th November, 2009
Department of Ophthalmology, Tangdu Hospital, Fourth Military Medical- Mol Vis. 2009 Oct 21;15:2129-38.
 - [Corneal thinning associated with recurrent microbial keratitis resulting from 7-day extended wear of low Dk hydrogel contact lenses: A case report.](#)
CASE DESCRIPTION: Corneal thinning and an increased risk of corneal... 10th November, 2009
Research Group of Centre Universitari de la Visio, Optics and Optometry- Cont Lens Anterior Eye. 2009 Nov 5. ([DOI Direct Link](#))

BioNews Results for Lenses

- [Medical News: 4.9 Million To Develop Metamaterials For 'Invisibility Cloaks' And 'Perfect Lenses'](#)
BioFind: Nov 13 2009 7:50PM Matching: lenses
- [GBP4.9 Million To Develop Metamaterials For 'Invisibility Cloaks' And 'Perfect Lenses'](#)
Medical News Today: Nov 13 2009 4:02PM Matching: lenses
- [ACUVUE Brand Contact Lenses](#)
Medscape: Nov 13 2009 5:55AM Matching: lenses
- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact Lenses](#)
NewsBlaze: Nov 11 2009 12:29PM Matching: lenses
- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact Lenses](#)
StockHouse USA: Nov 11 2009 12:22PM Matching: lenses
- [Ocutec PEG Hydrogel Contact Lenses Receive CE Mark Approval](#)
Yahoo! Canada: Nov 11 2009 12:54PM Matching: lenses
- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact](#)

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PR Newswire via Yahoo!: Nov 11 2009 12:25PM Matching: lenses

- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact Lenses](#)

FinanzNachrichten.de: Nov 11 2009 12:25PM Matching: lenses

- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact Lenses](#)

Street Insider: Nov 11 2009 12:25PM Matching: lenses

- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact Lenses](#)

Street Insider: Nov 11 2009 12:25PM Matching: lenses

- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact Lenses](#)

Earthtimes.org: Nov 11 2009 12:21PM Matching: lenses

- [Longer Prescribed Replacement Intervals Leads to More Stretching of Frequent Replacement Contact Lenses](#)

Stockwatch: Nov 11 2009 12:21PM Matching: lenses

- [Contact Lenses that Respond to Light](#)

Technology Review: Nov 10 2009 7:02AM Matching: lenses

- [Best Over-The-Counter Product Advertisement/Campaign](#)

Medical Marketing And Media: Nov 6 2009 9:58AM Matching: lenses

- [Contact Lenses Increase Risk of Infectious Corneal Ulcers](#)

Medscape: Oct 30 2009 8:29PM Matching: lenses

Lenses Clinical Trials:



- [In-Office Evaluation of Two Toric Soft Contact Lenses and a Spherical Soft Contact Lens](#)

Lenses Patents:



- 7616321- [Optical coupler for rotating catheter](#)
- 7616383- [Lithographic apparatus and device manufacturing method](#)
- 7616384- [Zoom lens and imaging apparatus](#)
- 7616385- [Zoom lens and image pickup apparatus including the same](#)
- 7616386- [Zoom lens and image-pickup apparatus](#)
- 7616387- [Motor drive controller for controlling movement and stop by motor and camera apparatus](#)
- 7616389- [Optical system](#)

- 7616391- [Multifunctional optical device](#)
- 7616392- [Lens barrel and imaging apparatus](#)
- 7616393- [Compact folded thin lens](#)
- 7616380- [Optical part and projection type display apparatus using same](#)
- 7616379- [One-dimensional illumination apparatus and image generating apparatus](#)
- 7616372- [Piano MEMS with hidden hinge](#)
- 7616322- [Cyclic error compensation in interferometry systems](#)
- 7616323- [Interferometer with multiple modes of operation for determining characteristics of an object surface](#)
- 7616328- [Method and system for providing a high definition triangulation system](#)
- 7616330- [Geometric measurement system and method of measuring a geometric characteristic of an object](#)
- 7616356- [Image sensor and method of manufacturing thereof](#)
- 7616359- [Image reading apparatus, image forming apparatus, and image forming method](#)
- 7616360- [Image processing apparatus and method therefor](#)
- 7616362- [Hologram recording and reproducing apparatus](#)
- 7616368- [Light concentrating reflective display methods and apparatus](#)
- 7616531- [Integrated optical unit, adjusting method therefor, and optical pickup](#)
- 7616550- [Optical pickup unit](#)
- 7616670- [Laser light source apparatus and image generating apparatus using laser light source apparatus](#)
- 7616877- [Method and apparatus for controlling a lens, and camera module incorporating same](#)
- 7616878- [Optical apparatus including optical element for deflecting luminous flux](#)
- 7616879- [Optical apparatus and image-taking system](#)
- 7616881- [Zoom flash with liquid crystal lens](#)
- 7616884- [Viewfinder for single lens reflex camera](#)
- 7616986- [Optical fiber scanner for performing multimodal optical imaging](#)
- 7616987- [Microprobe for 3D bio-imaging, method for fabricating the same and use thereof](#)
- 7617000- [Methods for programming a neural prosthesis](#)
- 7617060- [Extracting higher order information from scene-based Shack-Hartmann wave-front sensing](#)
- 7616876- [Imaging device](#)
- 7616875- [Imaging device](#)
- 7616856- [Varying refractive index optical medium using at least two materials with thicknesses less than a wavelength](#)
- 7616737- [Fluid filled devices](#)
- 7616781- [Driver assistance system for vehicle](#)
- 7616826- [Removing camera shake from a single photograph using statistics of a natural image](#)
- 7616841- [End-to-end design of electro-optic imaging systems](#)
- 7616842- [End-to-end design of electro-optic imaging systems with constrained digital filters](#)
- 7616845- [Optical module](#)
- 7616849- [Illuminating devices including uniform light distribution, multiple light sources, and multiple types of light sources](#)
- 7616853- [Optical fiber microscopy launch system and method](#)
- 7616855- [Integrated waveguide and method for designing integrated waveguide](#)
- 7617070- [Absolute position determination of an object using pattern recognition](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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