

Lasers

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- [Estimation of low-temperature spectra behavior in Nd-doped Sc\(2\)SiO\(5\) single crystal.](#)
High optical quality Nd-doped Sc(2)SiO(5) crystal with size of diameter 27...21st November, 2009
- Opt Lett. 2009 Nov 15;34(22):3481-3483. doi: 10.1364/OL.34.003481.
- [Ab initio studies of molecular structures, conformers and vibrational spectra of heterocyclic organics: I. Nicotinamide and its N-oxide.](#)
FTIR spectra of nicotinamide and its N-oxide have been recorded and...21st November, 2009
Lasers and Spectroscopy Laboratory, Department of Physics, Banaras Hindu- Spectrochim Acta A Mol Biomol Spectrosc. 2009 Oct 21. ([DOI Direct Link](#))
- [DFT study of molecular geometries and vibrational characteristics of uracil and its thio-derivatives and their radical cations.](#)
*DFT calculations at the B3LYP/6-311++G** level have been carried out to...21st November, 2009*
Lasers and Spectroscopy Laboratory, Department of Physics, Banaras Hindu- Spectrochim Acta A Mol Biomol Spectrosc. 2009 Oct 21. ([DOI Direct Link](#))
- [Kinetics and characterization of photoinduced long-lived electron-hole pair of p-terphenyl occluded in ZSM-5 zeolites. Effects of aluminium content and extraframework cation.](#)
Diffuse reflectance UV-visible in combination with FT-Raman spectroscopies...20th November, 2009
Laboratoire de Spectrochimie Infrarouge et Raman UMR-CNRS 8516, Centre- Phys Chem Chem Phys. 2009 Dec 14;11(46):11022-11032. Epub 2009 Oct 13. ([DOI Direct Link](#))
- [Survey of the cosmetic use of lasers and other strong optical radiation sources.](#)
A survey was undertaken regarding the extent to which optical radiation is...20th November, 2009
Norwegian Radiation Protection Authority, PO Box 55, NO-1332 Osteras,- J Radiol Prot. 2009 Nov 18;29(4):491-498. ([DOI Direct Link](#))
- [Molecular Beam Magnetic Resonance in Doped Helium Nanodroplets. A Setup for Optically Detected ESR/NMR in the Presence of Unresolved Zeeman Splittings \(dagger\).](#)
An apparatus is presented to perform magnetic resonance measurements in a...20th November, 2009
Institute of Experimental Physics, Graz University of Technology,- J Phys Chem A. 2009 Nov 26;113(47):13347-13356. ([DOI Direct Link](#))
- [Complications of LASIK Flaps Made by the IntraLase 15- and 30-kHz Femtosecond Lasers.](#)
PURPOSE: To describe complications associated with femtosecond...20th November, 2009
- J Refract Surg. 2009 Nov 1;25(11):979-984. doi: ([DOI Direct Link](#))
- [In vivo comparison of near infrared lasers for skin welding.](#)
The skin closure abilities of near infrared lasers and suturing were...19th November, 2009
Biomedical Engineering Institute, Bogazici University, Kandilli Campus,- Lasers Med Sci. 2009 Nov 18.

- ([DOI Direct Link](#))
- [A diagnostic tool for basic daily quality assurance of a Tomotherapy Hi*Art machine.](#)
Purpose: To investigate and evaluate the use of an in-house developed...18th November, 2009
- J Appl Clin Med Phys. 2009 Oct 15;10(4):2972.
- [A positioning QA procedure for 2D/2D \(kV/MV\) and 3D/3D \(CT/CBCT\) image matching for radiotherapy patient setup.](#)
A daily QA procedure for Varian's on-board imager (OBI) and portal vision...18th November, 2009
Good Samaritan Health- J Appl Clin Med Phys. 2009 Oct 6;10(4):2954.
- [\[Femtosecond laser ablation and scanning microscopy of the internal retinal limiting membrane: an experimental study\]](#)
The investigation was undertaken to study whether femtosecond laser...18th November, 2009
- Vestn Oftalmol. 2009 Sep-Oct;125(5):21-8.
- [Purpura-free treatment of lentiginos using a long-pulsed 595 nm pulsed dye laser with compression handpiece: a randomized, controlled study.](#)
BACKGROUND: Pulsed dye lasers (PDL) are one of the first, and popular,...18th November, 2009
Division of Dermatology, Department of Medicine, Faculty of Medicine,- J Drugs Dermatol. 2009 Nov;8(11 Suppl):s18-24.
- [Permanent laser hair removal with low fluence high repetition rate versus high fluence low repetition rate 810 nm diode laser--a split leg comparison study.](#)
High fluence diode lasers with contact cooling have emerged as the gold...18th November, 2009
Vancouver Laser & Skin Care Centre, Vancouver, BC, Canada.- J Drugs Dermatol. 2009 Nov;8(11 Suppl):s14-7.
- [Advanced laser techniques for filler-induced complications.](#)
BACKGROUND: The increasing use of injectable fillers has been increasing...18th November, 2009
Department of Plastic Surgery, University of Catania, Catania, Italy.- Dermatol Surg. 2009 Oct;35 Suppl 2:1689-95. ([DOI Direct Link](#))
- [Efficient narrow-band light emission from a single carbon nanotube p-n diode.](#)
Electrically driven light emission from carbon nanotubes could be used in...17th November, 2009
[1] IBM Thomas J. Watson Research Center, Yorktown Heights, New York- Nat Nanotechnol. 2009 Nov 15. ([DOI Direct Link](#))

BioNews Results for Lasers

- [Comparison of Preoperative Nd:YAG Laser Anterior Capsulotomy Versus Two-Stage Curvilinear Capsulorhexis in Pha](#)
PCON SuperSite: Nov 20 2009 8:53PM Matching: lasers
- [Comprehensive report on Taiwanese dental devices market](#)
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- [Research and Markets: Medical Laser Systems - A Global Update of Market Trends & Opportunities](#)
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Business Wire UK: Nov 18 2009 3:46PM Matching: lasers
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Business Wire via Yahoo!: Nov 18 2009 3:42PM Matching: lasers
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RBC Dain Rauscher: Nov 18 2009 3:41PM Matching: lasers
- [Research and Markets: Medical Laser Systems - A Global Update of Market Trends & Opportunities](#)
Business Wire: Nov 18 2009 3:40PM Matching: lasers
- [Medical Laser Systems - A Global Update Of Market Trends & Opportunities](#)
OfficialSpin: Nov 18 2009 2:26PM Matching: lasers

Lasers Patents:



- 7619263- [Method of radiation generation and manipulation](#)
- 7619744- [Movement sensor](#)
- 7619771- [Color calibration in a printer](#)
- 7619797- [Optical scanning apparatus and image forming apparatus](#)
- 7619798- [Optical deflector and light beam scanning apparatus having a control mechanism utilizing electromechanical transducers for adjusting resonant frequency for stable scanning](#)
- 7619802- [Suspension for maintaining mirror flatness of a MEMS device in a scanner system or the like](#)
- 7619808- [Light wave front construction](#)
- 7619810- [Systems and methods of testing micro-electromechanical devices](#)
- 7619811- [Zonal lenslet array](#)
- 7619812- [Method and arrangement for the rapid adjustment of the tilt of optical WDM signals](#)
- 7619827- [Projection optical system and method for photolithography and exposure apparatus and method using same](#)
- 7619743- [Optical sensor utilizing hollow-core photonic bandgap fiber with low phase thermal constant](#)
- 7619742- [High-speed spectrographic sensor for internal combustion engines](#)
- 7619741- [Modulated reflectance measurement system with multiple wavelengths](#)
- 7619290- [Nanosensors](#)
- 7619330- [Stage apparatus](#)
- 7619370- [Power allocation methods for lighting devices having multiple source spectrums, and apparatus employing same](#)
- 7619373- [Selectable frequency light emitter](#)
- 7619561- [Managed traverse system and method to acquire accurate survey data in absence of precise GPS data](#)
- 7619562- [Phased array systems](#)
- 7619599- [Optical scanning device, method of controlling optical scanning device, and image display apparatus](#)
- 7619644- [Method and apparatus for image alignment](#)

- 7619715- [Coupling apparatus, exposure apparatus, and device fabricating method](#)
- 7619739- [Detection and identification of biological agents using Bragg filters](#)
- 7620077- [Apparatus and method for pumping and operating optical parametric oscillators using DFB fiber lasers](#)
- 7620078- [Tunable semiconductor laser device, manufacturing method therefor, and gas detector using therewith](#)
- 7620209- [Method and apparatus for dynamic space-time imaging system](#)
- 7620212- [Electro-optical sensor](#)
- 7620283- [Optical device using a hollow-core photonic bandgap fiber](#)
- 7620289- [Spring-loaded fiber coupler cover with cam profile](#)
- 7620290- [Modified-output fiber optic tips](#)
- 7620318- [Optical transceiver using heterodyne detection and a transmitted reference clock](#)
- 7620323- [Method and apparatus for interconnecting a plurality of optical transducers with a wavelength division multiplexed optical switch](#)
- 7620329- [Laser power control with automatic compensation](#)
- 7620330- [Optical receiver device and method](#)
- 7620477- [Robotic intelligence kernel](#)
- 7620147- [Orthovoltage radiotherapy](#)
- 7620092- [Multimode MOPA with thermal lens compensation](#)
- 7620091- [Broadband laser lamp with reduced speckle](#)
- 7620080- [Laser pulse conditioning](#)
- 7620081- [Semiconductor laser utilizing real-time linewidth reduction method](#)
- 7620082- [Method and apparatus for seeding and stabilizing an optical device](#)
- 7620083- [Semiconductor laser drive system and semiconductor laser driving method](#)
- 7620084- [Methods and systems for laser diode control](#)
- 7620085- [Method and apparatus for material processing](#)
- 7620086- [Semiconductor laser and electronic device](#)
- 7620087- [Radiation-emitting semiconductor component](#)
- 7620088- [Surface emitting-semiconductor laser component featuring emission in a vertical direction](#)
- 7620089- [Surface-emitting type semiconductor laser](#)
- 7620508- [Terahertz detection using a multi-mode signal](#)

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