

Laser-Zentrum Hannover e.V.

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*Femtosecond (fs) laser-based cell surgery is typically done in two...*10th November, 2009
Laser Zentrum Hannover e.V., Hollerithallee 8, Hannover, 30419, Germany.- J Biomed Opt. 2009 Sep-Oct;14(5):054040. ([DOI Direct Link](#))
- [Laser Printing of Skin Cells and Human Stem Cells.](#)
*Laser printing based on laser-induced forward transfer (LIFT) is a new...*4th November, 2009
Laser Zentrum Hannover e.V., Department of Nanotechnology, Hannover,- Tissue Eng Part C Methods. 2009 Nov 2. ([DOI Direct Link](#))
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Laser Zentrum Hannover- J Nanobiotechnology. 2009 Oct 24;7:6. ([DOI Direct Link](#))
- [Asymmetric and symmetric local surface-plasmon-polariton excitation on chains of nanoparticles.](#)
*We theoretically study the features of the surface-plasmon-polariton (SPP)...*14th October, 2009
Laser Zentrum Hannover e.V., Hannover, Germany.- Opt Lett. 2009 Jul 15;34(14):2237-9. doi: 10.1364/OL.34.002237.
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*The generation of colloids by laser ablation of solids in a liquid offers...*6th October, 2009
Laser Zentrum Hannover e.V., Hollerithallee 8, 30419 Hannover, Germany.- Nanotechnology. 2009

- Nov 4;20(44):445603. Epub 2009 Oct 5. ([DOI Direct Link](#))
- [Femtosecond Laser Fabricated Spike Structures for Selective Control of Cellular Behavior.](#)
*In this study we investigate the potential of femtosecond laser generated...*24th September, 2009
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*Bound OH- is one major unwanted absorbing impurity causing significant...*23rd September, 2009
Laser Zentrum Hannover e.V., Department of Thin Film Technology,- Opt Express. 2009 Sep 14;17(19):17144-9. doi: 10.1364/OE.17.017144.
 - [Femtosecond laser induced flexibility change of human donor lenses.](#)
*BACKGROUND: According to the Helmholtz theory of accommodation the loss of...*11th September, 2009
Laser Zentrum Hannover e.V., Hollerithallee 8, 30419 Hanover, Germany.- Vision Res. 2009 Jul;49(14):1853-9. Epub 2009 May 8. ([DOI Direct Link](#))
 - [Ultrafast high power Yb:KLuW regenerative amplifier.](#)
*We report on an high power ultra-short pulse regenerative Yb:KLuW...*19th August, 2009
Laser Zentrum Hannover e.V., Hollerithallee 8, 30419 Hannover, Germany.- Opt Express. 2009 Aug 17;17(17):15068-71.
 - [Calculations and experimental demonstration of multi-photon absorption governing fs laser-induced damage in titania.](#)
*Laser damage phenomena are governed by a number of different effects for...*6th August, 2009
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*An investigation of the shrinking behaviour of a zirconium-based sol-gel...*29th April, 2009
Department of Nanotechnology of Laser Zentrum Hannover e.V.,- Opt Express. 2009 Feb 16;17(4):2143-8.
 - [Three-Dimensional Biodegradable Structures Fabricated by Two-Photon Polymerization.](#)
*Two-photon polymerization has been employed to fabricate three-dimensional...*10th February, 2009
Engineering Materials Department, Biomaterials and Tissue Engineering- Langmuir. 2009 Feb 3. ([DOI Direct Link](#))
 - [Stretched-pulse operation of a thulium-doped fiber laser.](#)
*We report on stretched-pulse operation of a thulium-doped fiber laser. The...*14th January, 2009
Laser Zentrum Hannover e.V., Hollerithallee 8, D-30419 Hannover, Germany.- Opt Express. 2008 Dec 8;16(25):20471-6.

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