

Zwanzig meistzitierte Publikationen

Zitate, Web of Science
(Impact Faktor)

- **M. Straub**, M. Afshar, D. Feili, H. Seidel, K. König:
 Periodic nanostructures on Si(100) surfaces generated by
 high-repetition rate sub-15 fs pulsed near-infrared laser light
 Opt. Lett. **37**, 190 (2012) 14 (3.0)
- **M. Straub**, M. Afshar, D. Feili, H. Seidel, K. König:
 Surface plasmon polariton model of high-spatial frequency
 laser-induced surface structure generation in silicon
 J. Appl. Phys. **111**, 124315 (2012) 20 (2.1)
- M. Afshar, **M. Straub**, H. Völlm, D. Feili, K. König, H. Seidel:
 Sub-100 nanometer structuring of indium-tin-oxide thin films by
 sub-15 femtosecond pulsed near-infrared laser light
 Opt. Lett. **37**, 563 (2012) 14 (3.0)
- L. H. Nguyen, **M. Straub**, M. Gu:
 Acrylate-based Photopolymer for Two-Photon Microfabrication and
 Photonic Applications
 Adv. Funct. Mater. **15**, 209-216 (2005) 84 (11.4)
- D. McPhail, **M. Straub**, M. Gu:
 Electrical tuning of three-dimensional photonic crystals using
 polymer dispersed liquid crystals
 Appl. Phys. Lett. **86**, 051103 (2005) 21 (3.1)
- D. McPhail, **M. Straub**, M. Gu:
 Optical tuning of three-dimensional photonic crystals fabricated by
 femtosecond direct writing
 Appl. Phys. Lett. **87**, 091117 (2005) 24 (3.1)
- **M. Straub**, L. H. Nguyen, A. Fazlic, M. Gu:
 Complex-shaped three-dimensional microstructures and photonic crystals generated
 in a polysiloxane polymer by two-photon microstereolithography
 Opt. Mater. **27**, 359-364 (2004) 63 (2.2)
- P. Domatchuk, H. C. Nguyen, B. J. Eggleton, **M. Straub**, M. Gu:
 Microfluidic tunable photonic bandgap device
 Appl. Phys. Lett. **84**, 1838 (2004) 71 (3.1)
- H. C. Nguyen, P. Domatchuk, B. J. Eggleton, M. J. Steel, **M. Straub**, M. Gu, M. Sumetski:
 A new slant on photonic crystal fibres
 Optics Express **12**, 1528 (2004) 23 (3.1)
- **M. Straub**, M. Ventura, M. Gu:
 Multiple higher-order stop gaps in infrared polymer photonic crystals
 Phys. Rev. Lett. **91**, 043901 (2003) 57 (7.7)

- M. J. Ventura, **M. Straub**, M. Gu:
Void channel microstructures in resin solids as an efficient way to
infrared photonic crystals
Appl. Phys. Lett. **82**, 1649 (2003) 56 (3.1)

- **M. Straub** and M. Gu:
Near infrared photonic crystals with higher-order bandgaps generated by
two-photon photopolymerization
Opt. Lett. **27**, 1824 (2002) 138 (3.0)

- I. Majoul, **M. Straub**, R. Duden, S. W. Hell, H. D. Söling:
Fluorescence resonance energy transfer analysis by multifocal multiphoton
microscopy of dynamic protein-protein interactions in living single cells
Reviews in Molecular Biotechnology **82**, 267 (2002) 42 (2.9)

- I. Majoul, **M. Straub**, S. W. Hell, R. Duden, H. D. Söling:
KDEL-Cargo regulates Interactions between Proteins Involved in COPI Vesicle
Traffic: Measurements in Living Cells Using FRET
Developmental Cell **1**, 139 (2001) 122 (9.3)

- **M. Straub**, P. Lodemann, P. Holroyd, R. Jahn, S. W. Hell:
Live cell imaging by multifocal multiphoton microscopy
European Journal of Cell Biology **79**, 726 (2000) 55 (4.0)

- **M. Straub** and S. W. Hell:
Fluorescence lifetime three-dimensional microscopy with picosecond precision
using a multifocal multiphoton microscope
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- **M. Straub** and S. W. Hell:
Multifocal multiphoton microscopy: a fast and efficient tool for
3-D fluorescence imaging
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- **M. Straub**, R. Vollmer, and J. Kirschner:
Surface magnetism of ultrathin γ -Fe films investigated by
nonlinear magneto-optical Kerr effect
Phys. Rev. Lett. **77**, 743 (1996) 134 (7.6)

- R. Vollmer, **M. Straub**, and J. Kirschner:
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- A. Kirilyuk, J. Giergiel, J. Shen, **M. Straub**, and J. Kirschner:
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