# Johanna TrÃ¤gÃ¥rdh

List of Publications by Year
in descending order



| 39 | 1,755 | 567281<br>15 | 501196<br>28 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 42 | 42 | 42 | 2299 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Endoscopic Imaging Using a Multimode Optical Fibre Calibrated with Multiple Internal References. Photonics, 2022, 9, 37. | 2.0 | 6 |
| 2 | Suppression of the non-linear background in a multimode fibre CARS endoscope. Biomedical Optics Express, 2022, 13, 862. | 2.9 | 3 |
| 3 | CARS Microscopy Through a Multimode Fiber Probe with Reduced Four-Wave Mixing Background. , 2022, , . |  | 0 |
| 4 | Polarization-resolved second-harmonic generation imaging through a multimode fiber. Optica, 2021, 8, 1065. | 9.3 | 17 |
| 5 | Excitation Polarization Resolved Second Harmonic Generation Microscopy Through a Multimode Optical Fiber. , 2021, , . |  | 0 |
| 6 | Suppressing the Non-linear Fiber Background in Multimode Fiber Endoscopy. , 2021, , . |  | 0 |
| 7 | Non-linear label-free imaging through a multimode graded index optical fibre. EPJ Web of Conferences, 2020, 238, 04006. | 0.3 | 0 |
| 8 | Coherent anti-Stokes Raman scattering microscopy through a multimode fiber endoscope. , 2020, , . |  | 1 |
| 9 | Label-free non-linear imaging through a multimode fiberendoscope. , 2020, , . |  | 0 |
| 10 | Wavelength dependent characterization of a multimode fibre endoscope. Optics Express, 2019, 27, 28239. | 3.4 | 15 |
| 11 | Label-free CARS microscopy through a multimode fiber endoscope. Optics Express, 2019, 27, 30055. | 3.4 | 54 |
| 12 | Towards focusing broad band light through a multimode fiber endoscope. , 2019, , . |  | 1 |
| 13 | Multimode fiber transmission matrix obtained with internal references. , 2019, , . |  | 1 |
| 14 | A novel optical microscope for imaging large embryos and tissue volumes with sub-cellular resolution throughout. ELife, 2016, 5, . | 6.0 | 115 |
| 15 | Widefield Two-Photon Excitation without Scanning: Live Cell Microscopy with High Time Resolution and Low Photo-Bleaching. PLoS ONE, 2016, 11, e0147115. | 2.5 | 16 |
| 16 | Two-Color, Two-Photon Imaging at Long Excitation Wavelengths Using a Diamond Raman Laser. Microscopy and Microanalysis, 2016, 22, 803-807. | 0.4 | 6 |
| 17 | Ultrafast second-Stokes diamond Raman laser. Optics Express, 2016, 24, 8149. | 3.4 | 10 |
| 18 | A simple but precise method for quantitative measurement of the quality of the laser focus in a scanning optical microscope. Journal of Microscopy, 2015, 259, 66-73. | 1.8 | 17 |

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|---|---|---|---|
| 19 | Exploration of the twoâ€photon excitation spectrum of fluorescent dyes at wavelengths below the range of the Ti:Sapphire laser. Journal of Microscopy, 2015, 259, 210-218. | 1.8 | 21 |
| 20 | Label-free imaging of thick tissue at 1550â€‰â€‰nm using a femtosecond optical parametric generator. Optics Letters, 2015, 40, 3484. | 3.3 | 6 |
| 21 | Self-focusing of Optical Beams Below the Diffraction Limit. , 2014, , . | | 0 |
| 22 | Strong Schottky barrier reduction at Au-catalyst/GaAs-nanowire interfaces by electric dipole formation and Fermi-level unpinning. Nature Communications, 2014, 5, 3221. | 12.8 | 54 |
| 23 | GaAs/AlGaAs heterostructure nanowires studied by cathodoluminescence. Nano Research, 2014, 7, 473-490. | 10.4 | 34 |
| 24 | Combining near-field scanning optical microscopy with spectral interferometry for local characterization of the optical electric field in photonic structures. Optics Express, 2013, 21, 16629. | 3.4 | 5 |
| 25 | Local Characterization of Photonic Structures by Near-field Scanning Optical Microscopy and Spectral Interferometry. , 2013, , . | | 0 |
| 26 | Balanced detection for interferometry with a noisy source. Review of Scientific Instruments, 2012, 83, 063705. | 1.3 | 7 |
| 27 | Valence band splitting in wurtzite InP nanowires observed by photoluminescence and photoluminescence excitation spectroscopy. Nano Research, 2011, 4, 159-163. | 10.4 | 41 |
| 28 | Low-temperature cathodoluminescence studies of GaAs nanowires in the SEM. Journal of Physics: Conference Series, 2010, 241, 012085. | 0.4 | 2 |
| 29 | In situ etching for total control over axial and radial nanowire growth. Nano Research, 2010, 3, 264-270. | 10.4 | 135 |
| 30 | Nano-Schottky contacts realized by bottom-up technique. , 2010, , . | | 0 |
| 31 | Precursor evaluation for<i>in situ</i>InP nanowire doping. Nanotechnology, 2008, 19, 445602. | 2.6 | 92 |
| 32 | Monolithic GaAs/InGaP nanowire light emitting diodes on silicon. Nanotechnology, 2008, 19, 305201. | 2.6 | 228 |
| 33 | Optical Properties of Rotationally Twinned InP Nanowire Heterostructures. Nano Letters, 2008, 8, 836-841. | 9.1 | 303 |
| 34 | TEM Correlation between the Structural and Optical Properties Of Rotationally Twinned InP Nanowires. Microscopy and Microanalysis, 2008, 14, 414-415. | 0.4 | 0 |
| 35 | Measurements of the band gap of wurtzite InAs1âˆ’xPx nanowires using photocurrent spectroscopy. Journal of Applied Physics, 2007, 101, 123701. | 2.5 | 76 |
| 36 | Infrared Photodetectors in Heterostructure Nanowires. Nano Letters, 2006, 6, 229-232. | 9.1 | 204 |

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|---|---|---|---|
| 37 | Investigations of InAs surface dots on InP. Applied Physics Letters, 2006, 89, 033111. | 3.3 | 5 |
| 38 | Growth and Optical Properties of Strained GaAsâ^'GaxIn1-xP Coreâ^'Shell Nanowires. Nano Letters, 2005, 5, 1943-1947. | 9.1 | 245 |
| 39 | Temperature effect on single chain MEH-PPV spectra. Chemical Physics Letters, 2004, 388, 40-45. | 2.6 | 34 |